

11-30-1978

Washington University Record, November 30, 1978

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November 30, 1978

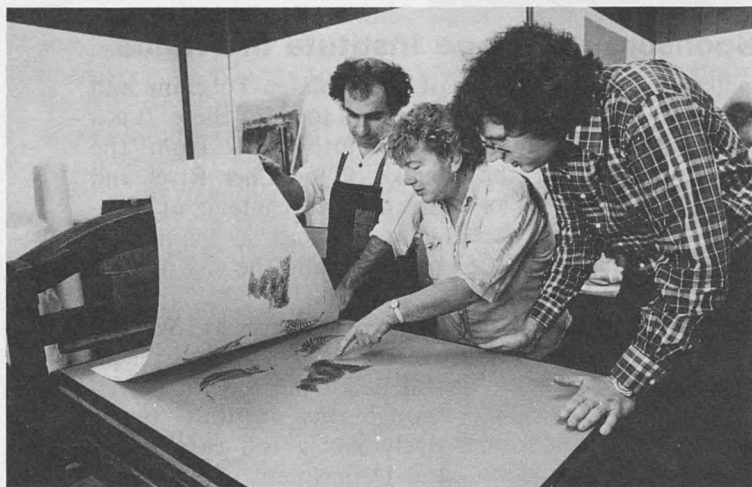


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Peter H. Zimmerman

Dan L. Gualdoni, master printer of WU's new printmaking workshop (left) and Peter Marcus, WU associate professor of art, observe the evolution of a print by Mary Sprague (center), who teaches at St. Louis Community College, Meramec.

School of Fine Arts Establishes Printmaking and Training Center

The WU School of Fine Arts has established a Printmaking Workshop and Training Center in Lithography and Intaglio to provide special services for professional artists throughout Missouri.

Six artists, selected by a jury, have been invited to participate in the new workshop, already in operation at the School of Fine Arts Printmaking Studio, 569 Melville Ave., University City. They were nominated by directors of Missouri's art museums and art schools. Others will be invited later.

The program is one of four in the University's School of Fine Arts "Outreach Program," funded in part with a grant of \$16,500 from the Missouri Council on the Arts. The major portion of this sum will support the workshop, which is patterned after the well-known Tamarind facility on the West Coast.

Printmakers invited to take part in this program are: George Bartko, St. Louis Community College, Florissant Valley; Susan Eisler, St. Louis Community College, Florissant Valley; Dale Eldred; Kansas City Art Institute, Kansas City, Mo.; Louise Luthi, Stephens College, Columbia, Mo.; Mary Sprague, St. Louis Community College, Meramec; and Hugh Yorti, Southwest Missouri State University, Springfield, Mo.

Each artist will, supported by the grant, execute and complete an edition of prints under the supervision of the workshop's master printer, Dan L. Gualdoni. A graduate of WU's School of Fine Arts, Gualdoni earned his master of fine arts degree from the Otis Art Institute in Los Angeles. This training was supplemented with experience gained as a printer at Gemini, Ltd., in Los Angeles (1965 to 1969) and at the San Francis Workshop, Santa Monica (1970). He, in turn, works closely with Peter Marcus, associate professor of art and chairman of the Department of Painting and Printmaking at WU's School of Fine Arts.

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Faculty to Consider Investment Policy; Council's Statement

WU's Faculty Senate Council issued to members of the faculty on Mon., Nov. 20, its position statement on the University's investment policy. The statement (printed below in total) recommends that the faculty not formulate ethical policies concerning the University's investments in order to maintain academic freedom. It also recommends that a "blind trust" plan devised by John Biggs, vice chancellor for financial affairs, be considered by the Board of Trustees. Biggs's plan would provide a new means for voting the University's stock proxies.

The statement was made by the 16-member council, the faculty's elected executive body, chaired by Professor of Physics Michael Friedlander, in response to the continuing controversy over the divestiture of the University's stock in companies conducting business with South Africa.

The council's recommendations will be considered at the December 1st meeting of the Faculty Senate (all full-time faculty) at 4 p.m. in Louderman 458. Also to be considered is a proposal by the Informal Faculty Group for Corporate Responsibility, which has been endorsed by 45 faculty members. This proposal calls for the creation of a mechanism by the Faculty Senate, "which would result in faculty opinion influencing the manner in which the University's shares are voted on controversial proxy issues."

Under the University's current investment policy, five in-

vestment firms are employed to select stocks and bonds for the University portfolio. Proxies on stocks selected by those firms are voted by the "custodian" of the securities. Presently, two trust companies are employed to provide such custodial services.

According to Biggs's proposal, "A 'Blind Trust' Proxy Voting Procedure," the proxy voting on social issues would be specifically assigned to the investment analysts in the five advisory firms on any stock held by WU upon the firms' recommendation.

The "blind trust" approach, Biggs said, "attempts to deal with the dilemma of how we can maintain the University's neutrality and yet at the same time be responsible corporate shareholders. The

(continued on page 3)



Peter H. Zimmerman

Although the Battling Bears Soccer Team placed second in the nation in the NCAA Division III competition Nov. 25, losing to Lock Haven State 3 to 0, they scored a first for WU when they won the regional championship against Ohio Wesleyan Nov. 19. The team finished with a 15-5-0 record.



Peter H. Zimmerman

Mrs. Jean (C. Ronald) Stephen and Mrs. Mornay (F. Hodge) O'Neal, both of the Women's Society, put the Uncommon Market's merchandise in place at its new location in the Women's Building. The market opens Fri., Dec. 1.

Lily Roots, Squid Puffs Anyone? Uncommon Market Opens at New Site

The Uncommon Market with its dozens of exotic, imported edibles has transplanted its roots (if you'll forgive the pun) from Stix International House to the lower level of the Women's Building where it will have a grand opening Fri., Dec. 1, from 10 a.m. to 3 p.m. (Those are its daily hours, Monday through Friday.)

Moving such an extraordinary culinary potpourri is difficult, but it is a chore that members of the Women's Society of WU, its proprietors, have done more than once since they first set up shop on campus in the fall of '67.

They started their Uncommon Market (and it is aptly named) in what was once an 8- by 10-foot Umrath Hall restroom, and, then, some years later, carted their strange and wonderfully assorted fare across the street to the Stix site. There, in space not much larger than a butler's pantry, they managed to fill their larder with the foodstuffs the foreign folk on campus missed most, according to an informal poll the canny ladies took before opening their emporium. For that was the basic purpose of the market—to provide the kinds of palate-pleasing merchandise not readily available elsewhere in this land of juicy hamburgers and greasy "fries."

Such provisions were and are widely and wildly assorted, including dried seaweed, lily roots, dried fungus, squid puffs, bean curd and candied ginger—the kinds of items you never find or, at least, couldn't readily find at a local supermarket in the late sixties.

Reminiscing about those early days, Mary Witunski, one of the two original buyers and still a loyal worker at the shop, recalled that she and her partner, Mrs. Sanford Zimmerman, trudged all over St. Louis in search of such unfamiliar "goodies" as tofu (bean curd), Tahini (a spread) and Udad (an unusual type of flour).

But the WU Epicurian "Miss Marples" persevered, and somehow managed to assemble what was truly the most Uncommon Market in town at the time. Some people think it still is, partly, Witunski said with pride, because "our fresh coconut is unlike any other and we have the best paprika in St. Louis."

The market was the brainchild of the first president of the Women's Society, Mrs. William H. Harrison and Arno J. Haack, director of the WU International Office at one time. From the beginning it was often as crowded as an airport the day before Christmas. In its spacious new quarters it promises to be even more popular.

Complete with an off-white tile floor and blue fixtures, it will offer for sale not only much-in-demand foods, but also a variety of gift items including potholders, baskets, and place

mats. Nibblers won't be able to buy fresh fruit at the market, but there will be fancy cheeses and English biscuits for those who want a snack. Hot coffee will also be available for those who want a freshly brewed cup. Tea fanciers can sample a variety of their favorite beverages, and, incidentally, will be able to buy a rattan strainer from Japan, considered by many to be superior to the metal type.

Mrs. George A. Jensen is the dedicated and devoted chairperson of the Uncommon Market, ably assisted by Mrs. Chester Szydlowski, co-chairperson. They and a corps of faithful WSWU volunteers will do their best to make sure that the Uncommon Market continues to be a favorite oasis for those from other lands as well as for us natives. (Dorothy Brockhoff)

WU Sponsors Language Institute in France

WU will sponsor a six-week Language Institute in France this summer. It will be held in the chateau country of the Loire Valley from May 21 to June 29. Prerequisite for the program is the equivalent of one year of college French; those enrolled in French 101 this fall are eligible for admission to the institute.

The institute will be located in a chateau dating from the mid-18th century which once belonged to the Marquis de Sade. The building, now owned by the French government, is enclosed in a 30-acre park near the village

of La Croix-en-Touraine and the small town of Blere. It is a ten-minute walk from the banks of the Cher River and the historic chateau of Chenonceau, and a ten-minute bus ride from the city of Amboise.

James F. Jones, Jr., WU assistant professor of French, will lead the institute. Although the institute tentatively has a full enrollment, the Department of Romance Languages is maintaining a waiting list in the event that last-minute openings occur. Call Ext. 5175 or write Box 1077.

Pre-Retirement Program To Be Offered Again

The Pre-Retirement Program, which WU offered for the first time last fall, will again be offered free of charge during spring semester to WU faculty, administrative and staff personnel who are within ten years of retirement. Spouses are also welcome to attend.

The goal of the program, conducted by the Family and Children's Service of Greater St. Louis, is to help pre-retirees plan for the drastic life changes which occur at retirement. Sessions are held on such topics as health care, financial and legal problems and social security, among others. Comments made by employees who participated in the program during the fall session included, "A very helpful, worthwhile program" and "you covered everything."

Two spring sessions have been scheduled: January 9 through February 13 on Tuesdays from 7:30 to 9 p.m. at the Brentwood Recreation Center, 2505 S. Brentwood Blvd.; and February 22 through March 29 on Thursdays from 7:30 to 9 p.m. at the Prudential Savings and Loan Association, Brentwood and Forsyth. For further information or an application form, call Gloria White at Ext. 5949. Applications will be accepted for either session through December 21.

MURRAY L. WEIDENBAUM, Edward Mallinckrodt Distinguished University Professor, has been appointed to the Economic Advisory Panel of the National Commission for the Review of Antitrust Laws and Procedures, with special responsibility for the question of labor union immunity from antitrust.

MICHAEL U. NELSON, director of the WU Summer School, was elected Executive Secretary of the North American Association of Summer Sessions at the recent national conference in Omaha, Neb. With the election of Nelson, who just concluded his term as president of NAASS, WU was selected as the site for the NAASS's national office.

Faculty

(continued from page 1)

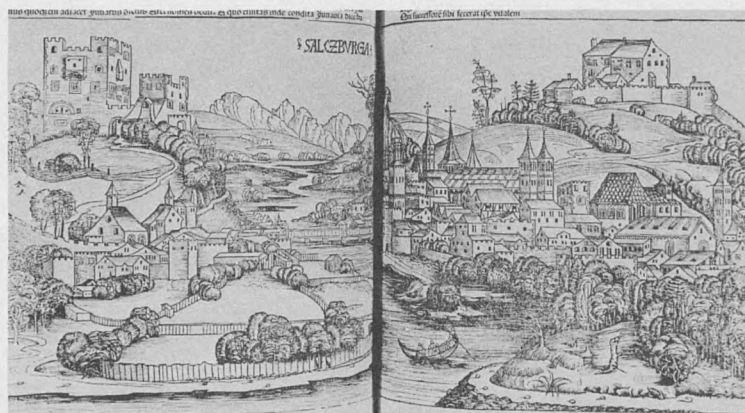
method for doing this brings to bear on complex proxy issues the judgment of the investment analysts employed by our investment advisory firms. Such analysts are doubtless the best informed outsiders as to the inner workings of American companies. The system includes a method for accountability for the analysts' decisions to the Board of Trustees. This accountability includes overall review of proxy voting without having the Board of Trustees take a stand on any individual proxy issue." Biggs added that also according to his plan, faculty and students would be free to develop positions on social issues and that he or the University's treasurer would transmit them directly to the advisors.

According to Harold Berlak, associate professor of education and spokesperson for the Informal Faculty Group for Corporate Responsibility, "The Biggs proposal, while it acknowledges the fact that the University cannot avoid taking political positions, turns over to managers of the investment portfolio the task of taking political positions in the name of the entire University community and without any reasonable provision for discussion or consultation. Corporate responsibility is supported by many church and public interest groups. Its goal is modest—that those who own stock or in whose name stock is voted have some voice in the way controversial proxies are cast, although these recommendations would not be legally binding. Such mechanisms do exist elsewhere, at Vassar and a number of other institutions of higher learning."

Following is the Senate Council's statement on the University's investment policy:

The Senate Council has considered the issue of University investment policy in four recent meetings. During these meetings, the

(continued on page 4)



The above illustration of Salzburg is from the *Liber Chronicarum* ("The Nuremberg Chronicle"). Printed in the 15th century, the book contains the earliest printed map of Europe and the first authentic views of many cities.

Tasted, Swallowed, or Chewed: Exhibit Of Rare Books Offers Many Courses

Said one physician to another after listening to a galaxy of star speakers at the recent biomedical symposium on campus: "It was like being served dessert all day long."

Bibliophiles feel much the same way these days when unleashed on the fifth floor of Olin Library, where the Rare Books Department has mounted a special exhibition honoring WU's 125th Anniversary.

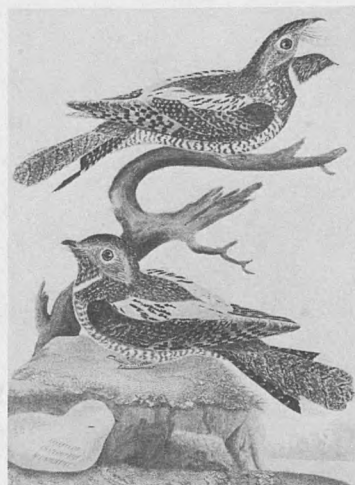
Entitled "Sixteen Years of Collection Building: Notable Gifts and Purchases, 1962-1978," this retrospective exhibit of books and manuscripts, which will be on display through December, includes a dazzling number of "one-of-a-kind" gems among its treasures. Indeed, a book lover browsing at the exhibition quite probably experiences much the same euphoria as that of a deep-sea diver who comes upon a Spanish galleon still heavy with gold on the ocean floor.

Consider a few of the jewels on view—George W. Kendall's book on this country's war with Mexico, which contains plates that have been described as "the very best American battle scenes in existence." The quotation is from one of the precisely typed cards placed near each volume, all of them providing incisive information on the collection, meticulously prepared by Holly Hall, chief of the Rare Books Department. Her "footnotes" give the viewer perspective on a collection that is as rare as it is

fascinating.

Another beautiful, oversized book is Alexander Wilson's *American Ornithology; or The Natural History of the Birds of the U.S.*, first published in 1829. Rare book authorities consider it "the first truly outstanding American color-plate book of any type."

Still others in technicolor are Charles James Apperley's *The Life of a Sportsman* and



Whippoorwills from Wilson's *American Ornithology*, 1829.

Edward Young's *The Complaint, and the Consolation; or Night Thoughts*. Apperley's volume is considered by many to be the finest colored plate sporting book of the nineteenth century. The artist, Henry Alken, drew and etched the 36 plates which were then colored by hand. Young's 1797 edition on view is one of 20 known copies also hand-colored, possibly by William Blake who designed the 43 engravings in the book.

Among the books on view from the research collection of

works by Nobel Prize winner Vladimir Nabokov is the advance copy of the first edition in English of his book *Invitation of a Beethoven*. Correspondence from literary luminaries is also part of the exhibition. Celebrated author T. S. Eliot's letter of Oct. 5, 1923, to the late Otto Heller, a WU faculty member for more than 45 years, is a choice collector's plum. Eliot thanked Heller for his review of the former St. Louisan's *The Wasteland* in the *St. Louis Post-Dispatch* and then wrote: "It struck me as the most intelligent review of that poem I have seen. The poem is neither a success nor a failure—simply a struggle."

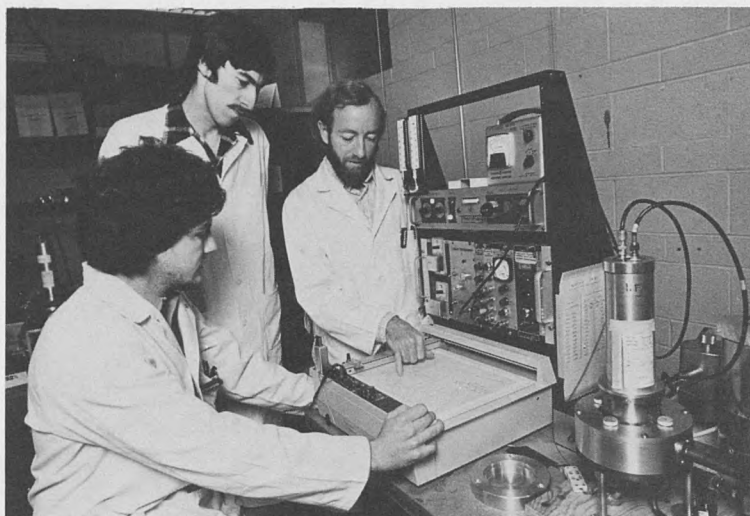
This Eliot letter is one of over 300 to Heller from a wide range of noted correspondents who came to know and respect him during the many years when he was not only an academician, but also literary editor of the *St. Louis Post-Dispatch*. They are part of the Heller papers recently given to the Rare Books Department by Heller's widow.

On the south wall of the exhibit is a caseful of "Beckettania," which is not only eye-catching, but frequently astonishing to those who are unaware that WU has the most complete collection of Beckett holdings in this country. It includes more than 500 printed works by or pertaining to Beckett and approximately 1000 pages of autograph and typescript manuscripts. Perhaps the most arresting item on view is a portrait of Beckett drawn by Avigdor Arikha, who has done a number of sketches of Beckett as well as illustrating several of his writings.

For the curious viewer who wonders how WU was able to amass such a splendid collection of rare books, Hall explained: "Many of the finest acquisitions in the exhibition were made possible through the generosity of friends of WU. To these distinguished donors," she added, "the library extends its gratitude for their thoughtfulness."

(Dorothy Brockhoff)

FOUR STYLES of Christmas cards, decorated with illustrations from Olin's holdings, are on sale at Olin's administrative office.



The late David W. Zimmerman (far right), senior research associate in physics and director of the Center for Archaeometry, studies a "glow" test for dating an ancient object with Charles Melcher (seated), a graduate student in physics, and Stephen Sutton, space engineer, McDonnell Center for the Space Sciences.

Physicist Zimmerman Dies; Devised New Archaeological Dating Method

WU physicist David W. Zimmerman, internationally recognized for his efforts to wed science to the arts, died Fri., Nov. 10. Zimmerman helped found the WU Center for Archaeometry and was serving as its first director at the time of his death.

This interdisciplinary laboratory, with its mix of scientists, art history specialists and humanists, has become world famous for the development of new treatment methods for conserving bronze sculpture and for its perfection of techniques used to date ancient artifacts.

Zimmerman, as head of the center, was involved in both of these projects, but he was most closely identified with methods that he perfected to date archaeological objects and to distinguish rare antiques from more recent copies.

This work in his laboratory attracted widespread attention when he and several colleagues were able to establish the authenticity of a famous bronze horse at the Metropolitan Museum in New York. They proved that it was, indeed, several thousand years old rather than a forgery as some had contended. A few years later, he and Philippa D. Shaplin, an art history graduate student, determined that only 7 of some 120 Oaxacan funeral urns at the St. Louis Art Museum were fakes, the rest being of pre-Columbian vintage.

In these studies, Zimmerman used methods derived from WU research on moon rocks. This work enabled him to devise a new variation of a standard archaeological dating technique called thermoluminescence. "TL," as it is called, is a phenomenon in which certain minerals in ceramics, when heated, release previously absorbed radiation as light. The amount of stored energy in an ancient object—and therefore its age—is directly proportional to the level of "TL," or light emission.

It would be possible, however, for forgers to falsify such measurements using X-rays or gamma rays. Zimmerman found a way to circumvent this deception with the discovery that ceramic objects contain minute traces of certain minerals, such as zircon, in which the uranium concentration is far greater than in the rest of the ceramic materials and in which energy added artificially is negligible. This new technique, reported in *Science* magazine in November, 1971, consisted of isolating these zircon grains and measuring them separately. The method can also be used to date accurately archaeological objects, a field to which Zimmerman contributed a number of new techniques.

To facilitate the exchange of helpful and practical information, Zimmerman began the publication of a quarterly newslet-

ter called *Ancient TL* in the autumn of 1977.

In collaboration with WU archaeologist Sarantis Symeonoglou and Professor of Chemistry Peter Gaspar, he was also active in the use of atomic absorption spectrometry for the elementary analysis of ceramic potsherds from Cyprus.

Born 40 years ago in Waukesha, Wisc., Zimmerman completed his undergraduate work at the California Institute of Technology. He earned an MS degree from the University of Wisconsin (1963) and a doctorate from Oxford University (1970).

He is survived here by his wife, Joan, a research associate in WU's Biomedical Computer Laboratory.

Faculty

(continued from page 3)

Council examined various written submissions and heard presentations from Chancellor Danforth; Vice Chancellor Biggs; Professors Allen, Barnett, Kennell, and Kohl; the Ad Hoc Committee for Divestiture; and the Coalition Against Apartheid. The Council also reviewed the report of the 1972-73 Senate Council Committee on the Ethics of Investment. While the Council sympathized broadly with ethical and moral principles raised by those advocating substantial change in investment policy, it concluded that these considerations must be tempered by a concern for academic freedom.

Academic freedom includes the toleration and protection of diverse opinions in scholarship, teaching, and public life. It can be maintained only through continual vigilance. There are many open channels, on campus and off, for individuals to express their opinions on public policy issues. For a formally constituted university body to advocate a particular policy would be to define a position to which any individual faculty member might some day be expected to adhere; the rights of every individual must be continually protected from such danger. Imposing conformity upon the University by requiring that it adopt a political stance can only impede our central function and facilitate the erosion of academic freedom on this campus. This Faculty must therefore resist any proposals to effect such conformity, however well-intended such proposals might

appear. While the University's investment policy and proxy voting procedures are the current examples, other issues arise at other times and all pose the same threat.

Recommendations:

1. *The Senate Council urges the Board of Trustees to reject any proposals for policy formulations that would threaten the academic freedom on this campus which the Board has respected and helped to protect for so many years. (recommended unanimously)*
2. *The Senate Council feels that ethical considerations in proxy voting are desirable insofar as they do not threaten academic freedom. The Council recommends that the Board of Trustees consider the blind trust proposal of Vice Chancellor John Biggs. (recommended by a vote of 13 to 3)*
3. *The Senate Council has no recommendations to make regarding the selection of University investments. (recommended unanimously)*

DR. NATHAN A. BERGER, an associate professor in the Department of Medicine at the WU School of Medicine, has received a five-year \$100,000 grant from the Leukemia Society of America, Inc., to support his research. He will be working in the field of chemotherapy and will focus on the role of poly (adenosine diphospho ribose) polymerase in DNA synthesis and cell growth as it relates to leukemia.

Printmaking

(continued from page 3)

One print selected from the editions completed by each of these artists at the workshop will become part of the permanent collection of WU's Gallery of Art and will be loaned, upon request, to various traveling exhibitions throughout the state of Missouri. Prints will also be provided for exhibitions supported by the Missouri Arts Council and for gifts to the permanent collections of museums in Missouri.

Visiting artists to the University's School of Fine Arts will also, frequently, be encouraged to contribute to the workshop's collection a print made during their residence. The first such contributor was Rafael Ferrer, a Puerto Rican artist, who was a visiting lecturer at the School of Fine Arts in October.

The other three projects in the "Outreach Program," made possible with the assistance of the Missouri Arts Council, are continuations of already established undertakings. These include: a visiting artist lecture series; a drawing workshop for high school students; and a summer art workshop for high school students.

Announcements

THE SOCIETY OF PROFESSORS EMERITI OF WU will celebrate the first anniversary of its founding with a banquet beginning with cocktails at 5:30 p.m. Mon., Dec. 18, at Whittemore House. The affair will include dinner of prime tenderloin of beef and music performed by the Baroque Chamber Music Ensemble. The cost for the event is \$9 per person. For reservations and further information, call Professor Saul Rosenzweig at 429-0080 or Ext. 6514. (The deadline to assure a reservation was Nov. 25 so make arrangements soon.)

DAVID GUTSCHE, WU professor of chemistry, has been appointed chairman of the Medicinal Chemistry Study Section of the National Institutes of Health for the period 1978-1981. The Study Section reviews approximately 250 research proposals each year and assigns each a priority for funding by the appropriate institute within NIH. NIH is one of the largest sponsors of research at WU.

The **WU Record** is published weekly during the academic year by the Information Office. Editor, Janet Kelley; calendar editor, Charlotte Boman. Address communications to Box 1142.



Gwendolyn Brooks, Pulitzer-Prize winning poet, will give the Assembly Series lecture on Dec. 6, in Graham Chapel.

DR. GEORGE D. SELF-RIDGE, dean of the WU School of Dental Medicine, has been named Honor Man of the Year by the Dental Alumni Association of the State University of New York at Buffalo. The award was presented during the first Annual Greater Niagara Frontier Dental Meeting, Buffalo. Dean Selfridge was also honored at a reception and banquet by the Naval Dental Reserve at Buffalo as Dental Alumni "Man of the Year."

ABIGAIL TOM, coordinator of the International Office's English as a Second Language Program, was recently elected president of the Missouri Teachers of English to Speakers of Other Languages. The WU English language program includes an intensive summer course for foreign students. Tom has taught at WU for 12 years.



Although things have changed at WU since 1938 when women students celebrated McMillan Day by dancing around the May-Pole, college was no ring-around-the-rosy, even then.

'Nostalgia' Calendar, The Perfect Xmas Gift

Hung up on what to hang up in the Christmas stocking this Yuletide season? The WU Libraries have the perfect gift—a "nostalgia" calendar illustrated with scenes, events and students of yesteryear at WU. The 8½-by-11-inch calendar crisscrosses the years, beginning with an 1884 shot of a senior geology class on a field trip to Copper Range, Mich. It's the WU Libraries way of honoring the University on its 125th Anniversary.

Traditions lost over the years, such as Dandelion Day, May Day and "George" Day, are featured together with football scrimmage between Harvard and the Battling Bears at Harvard Stadium in 1952 (WU lost, worse luck!). Fanny Hurst, who became a famous novelist, is shown in a 1909 photograph of graduating seniors. Thyrsus is also represented with a production of *The Old Wives' Tale* staged outside Busch Hall, circa 1916. For all those generations who digested meaty books in the reading room of Ridgley Hall instead of Danish pastries in what is now Mary Brooks Holmes Lounge, the spacious place, in all its Queen Anne splendor, is shown before it became a popular WU watering hole. These are but a few samples of the "golden oldies" included.

It is a bargain at \$5 and can be purchased at the administrative office of Olin Library (third level, on the right as you enter), the Campus Bookstore, the School of Medicine and Dental Medicine Bookstore, Bare Necessities in Wohl Center, and the Uncommon Market in the Women's Building (after Dec. 1). It can also be ordered by mail for an extra 35 cents to cover postage and handling from either the WU Libraries, Box 1061, St. Louis, Mo. 63130, or the Campus Bookstore, Box 1074, Mallinckrodt Center, 63130. Include a check made payable to the source from which you order.

Ceramist, Sculptor To Be Visiting Artists

A New York city sculptor and a ceramist-sculptor, now also a key administrator of the National Endowment for the Arts (NEA), will be the last two speakers in the current WU School of Fine Arts Visiting Artist Lecture Series.

The Manhattan visitor is Susan Smyly; the NEA executive, James Melchert. Both will talk in Steinberg Hall auditorium at 8 p.m.: Smyly on Wednesday, Dec. 6; Melchert, the next night.

Smyly had a recent exhibition at the Shade Museum of

Fine Arts, Springfield, Mass. Her medium is white polyester resin; her subject, improvisations on the human form.

Melchert, on leave from the Berkeley faculty, is director of the NEA's Visual Arts program, which has a budget of \$4,400,000. He speaks bluntly of art and the status of artists in the U.S. He says: "An artist genuinely feels he or she has something significant to contribute, but a lot of people could care less." Melchert believes they should care.

Calendar December 1-7

FRIDAY, DECEMBER 1

9:15 a.m. WUMS Department of Pediatrics Lecture, "Bronchiolitis—Long-Term Sequelae," Dr. Victor Chernick, prof. of pediatrics, U. of Manitoba School of Medicine, Canada. Clopton Amph., 4950 Audubon.

10 a.m. Uncommon Market Grand Opening, with refreshments. Women's Bldg., lower level.

7 p.m. Department of Music Composer's Symposium, with Roland Jordan, WU asst. prof. of music. Tietjens Hall.

8 p.m. Center for Archaeometry Seminar, "Conservation at the Art Institute of Chicago and a Painting Transfer Problem," Timothy Lennon, assoc. conservator of paintings, Art Inst. of Chicago. 241 Compton.

SATURDAY, DECEMBER 2

9 a.m. WU School of Dental Medicine Education Course, "Caries Prevention in the Home, Office and Community," Dr. Ernest Newbrun, prof. of oral biology, U. of Calif., San Francisco. School of Dental Medicine, 4559 Scott. To register, call 454-0387.

MONDAY, DECEMBER 4

11 a.m. Department of Civil Engineering Seminar, "Hamilton's Law of Varying Action and a Rayleigh-Ritz Method in the Time Domain," David A. Peters, WU assoc. prof. of mech. eng. 100 Cupples II.

12 noon. Biomedical Engineering Program Seminar, "Response of Human Platelets to Shear Flow," Salvatore P. Suter, chairman, WU Department of Mechanical Engineering. 215 Cupples II.

1:30 p.m. Center for Basic Cancer Research Symposium, "RNA Tumor Viruses and Oncogenesis," Dr. Peter Vogt, USC. Dr. J. Michael Bishop, U. of Calif. Medical Center, San Francisco (2:30 p.m.); Dr. Edward Scolnick, chief, Lab. of Tumor Virus Genetics, Nat'l Cancer Inst. (4 p.m.). Moore Aud., 660 S. Euclid.

4 p.m. Department of Biology Lecture, "A Worm's-Eye View of China," Erna Eisendrath, WU assoc. prof. emeritus of biology. 322 Rebstock.

TUESDAY, DECEMBER 5

9:30 a.m. St. Louis Council on World Affairs Seminar and Luncheon, "U.S.-Soviet Relations: What Follows Detente?" There will be speakers at 9:30 a.m., 10:30 a.m. and following a 12:15 p.m. lunch.

Starlight Roof, (10th floor, Chase section), Chase-Park Plaza Hotel. 212 N. Kingshighway. Seminars, free, lunch, \$6.50. Send checks to the St. Louis Council on World Affairs, 212 N. Kingshighway, 63108. Cosponsored by the WU Office of International Studies.

10 a.m. Department of Music Lecture, "Music in American Education," Theore Tellstrom, exec. sec., Music Educator's National Conference, Women's Bldg. Lounge.

2 p.m. Black Studies Program Faculty Seminar, "Kwanza or Christmas This Year?" Robert Williams, WU prof. of psychology. 349 McMillan.

4 p.m. Department of Biology Lecture, "Studies Related to the Transformation of Plant Cells," Paul Lurquin, Center for the Study of Nuclear Energy, Brussels, Belgium. 322 Rebstock.

7:30 p.m. Women's Programming Board Lecture, "How to Overcome Math Anxiety," Sheila Tobias, author, *Overcoming Math Anxiety*. Wohl Lounge. 6515 Wydown.

8 p.m. Department of Music Lecture, "The Role of the Music Educator's National Conference (MENC) in American Music Education," Theodore Tellstrom, exec. sec., MENC. Tietjens Hall.

WEDNESDAY, DECEMBER 6

8:30 a.m. Center for the Study of Data Processing All-Day Seminar, "Structured Systems Development," Edward Yourdon, of Yourdon Inc., NY. 199 Cupples I. For further information, call 889-5351.

11 a.m. Black Arts, Assembly Series Lecture, with Gwendolyn Brooks, poet. Graham Chapel.

11 a.m. Department of English Lecture, "Camelot Time in *Sir Gawain and the Green Knight*," Marge Emblom, WU teaching asst. Hurst Lounge, Duncker Hall.

1:15 p.m. CSAB Accounting Workshop, "The Effect of State Accounting and Auditing Regulations on Municipal Borrowing Costs and Bond Ratings," Wanda Wallace, prof. of accounting, U. of Rochester, NY. 300 Eliot.

3:30 p.m. WUMS Research Seminar, "The Present State of Compliance-Adherence Research," Dr. W. Stewart Agras, prof. of psychiatry, Stanford U. School of Medicine. MCG Conf. Room, 4570 Audubon.

4 p.m. Department of Physics Colloquium, "Astronomy and the Laws of Physics," Kenneth Brecher, prof. of physics, MIT. 201 Crow.

4 p.m. Division of Biology and Biomedical Sciences Lecture, "Participation of Cytoplasmic Contractile Proteins in Cellular Structure and Motility," Dr. T. Pollard, Johns Hopkins Medical School. Erlanger Aud., 4750 McKinley.

4 p.m. Department of Economics and the WU Libraries Lecture, "The Wealth of American Colonies," Alice Hanson Jones, WU prof. emeritus of economics. 252 Olin. Prof. Jones will be honored at a reception following her lecture.

8 p.m. School of Fine Arts Lecture, with Susan Smyly, sculptor. Steinberg Auditorium.

THURSDAY, DECEMBER 7

12 noon. Very Interesting Women Series, with Rita Montgomery, judge, St. Louis Municipal Court. Women's Bldg. Lounge.

3 p.m. Department of Electrical Engineering Seminar, "Synthetic Aperture Radar," Richard K. Moore, prof. of engineering, U. of Kansas. 305 Bryan.

4 p.m. Department of Chemistry Seminar, "Medial Imaging by NMR," Dr. D. I. Hoult, HEW. 311 McMillan Lab.

4 p.m. Department of History Lecture, "Durkheim's Theories of Motivation," Gerald Izenberg, WU assoc. prof. of history. 113 Busch.

4 p.m. Molecular Biology Program Lecture, "5'-Caps and Eukaryotic mRNA Function," Dr. Aaron J. Shatkin, Roche Institute. 215 Rebstock.

8 p.m. School of Fine Arts Lecture, with James Melchert, (see story, page 5). Steinberg.

Exhibitions

"Lev Tolstoi," (Leo Tolstoy) an exhibit of some of Tolstoi's works, memoirs and diaries, displayed in commemoration of the 150th anniversary of his birth. Olin Library, level three. 8 a.m.-12 midnight, daily. Ends Dec. 18.

"Washington University Annual Faculty Art Show." WU Gallery of Art, Steinberg Hall. 9 a.m.-5 p.m., Mon.-Fri.; 1-5 p.m., Sat., Sun. Through Jan. 7.

"Sixteen Years of Collection Building: 1962-1978." Olin Library, level five. 8:30 a.m.-5 p.m., Mon.-Fri. Through Dec.

Sports

FRIDAY, DECEMBER 1

7 p.m. Wrestling, WU vs. UMSL. Francis Field House.

THURSDAY, DECEMBER 7

7:30 p.m. Womens Basketball, WU vs. Fontbonne College. Francis Field House.

Films

FRIDAY, DECEMBER 1

7 and 9:30 p.m. WU Filmboard Series, "One Flew Over the Cuckoo's Nest." Brown. \$1.50. (Also Sat., Dec. 2, same times, Brown; and Sun., Dec. 3, 8 p.m., Wohl Center.)

12 midnight. WU Filmboard Series, "Frankenstein," by Andy Warhol. Brown. \$1. (Also Sat., Dec. 2, midnight, Brown.)

SATURDAY, DECEMBER 2

8 p.m. OSA American Cinema Series, "Claudia" and "Song of Bernadette." Rebstock Auditorium. Admission \$1.50.

MONDAY, DECEMBER 4

7:30 and 9:15 p.m. WU Filmboard Series, "Paths of Glory." Brown Hall Theatre. \$1.50. (Also Tues., Dec. 5, same times, Brown.)

WEDNESDAY, DECEMBER 6

5:30 p.m. Fall Arts Film Festival, "Leisure," "Iran," "Amantia" and "Renaissance." Wohl Lounge.

7:30 p.m. WU Filmboard Series, "Kwaidan." Brown Hall Theatre. Admission \$1.50. (Also Thurs., Dec. 7, same times, Brown.)

7:30 p.m. Department of Anthropology Film Series, "The Desert People" and "Undala," two films about human adaptation to arid lands. Rebstock Auditorium.

Music

SATURDAY, DECEMBER 2

8 p.m. WU Madrigal Singers Christmas Concert. Holmes Lounge.

SUNDAY, DECEMBER 3

7 p.m. Women's Programming Board Concert, with Casse Culver and the Belle Starr Band, a progressive country-rock group. Holmes Lounge. \$4 in advance; \$4.50 at the door. WU students with ID \$3.50 in advance, \$4 at the door. Tickets available at Edison Theatre Box Office and the Women's Eye Bookstore, 6344 S. Rosebury.

MONDAY, DECEMBER 4

4 p.m. Department of Music Student Recital, with performances by a number of students. Graham Chapel.

TUESDAY, DECEMBER 5

8 p.m. WU Percussion Ensemble Concert. Graham Chapel.

WEDNESDAY, DECEMBER 6

12 noon. WU Jazz Improvisation. assistant. Mallinckrodt Commons Room.

WEDNESDAY, DECEMBER 6

8 p.m. WU Band Concert. Graham Chapel.