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Washington University Record

Vol. 7, No. 19

February 11, 1982



Phoebe Weil, chief conservator at the WU Center for Archaeometry, removes the old coating on a Lincoln statue from inside the tomb at Springfield, Ill.

Honest Abe's likeness gets birthday facelift as WU conservators polish off the years

Poor Honest Abe. After standing for more than a century at Lincoln's Tomb State Historic Site in Springfield, Ill., Larkin Mead's famous statue of the president was showing its age.

Years of harsh weather and air pollution had dulled the glossy bronze figure to a mottled black and green, obscuring fine sculptural detail. In spots, graffiti and pitting marred the surface. A smaller bust of Lincoln suffered from the same blotchy complexion except for the nose tip, which shone with brilliant discord thanks to the rubbing hands of hundreds of thousands of visitors. Abe needed more than a touch-up; he needed a complete facelift.

For the past several months, the statue, an eagle relief and four large statuary groups at the tomb site have been repaired, repolished, patinated and protected — in time for the 173rd celebration of Lincoln's birthday on Feb. 12 — by conservators and conservation technicians from WU's Center for Archaeometry.

Archaeometry, explains chief conservator Phoebe Weil, is a new field that combines art, history and science, including sophisticated space-age techniques. Though she and her team have restored monuments from Sitka, Ala., to St. Petersburg, Fla., Lincoln's tomb is by far the largest — both in terms of size and cost — that they have tackled in the seven-year history of the center.

Designed as a result of a nationwide competition, the tomb contains the coffins of President and Mary Lincoln and three of their four sons. The \$1,000 competition prize was awarded to Mead, a Vermont sculptor, and the tomb was

dedicated in 1874. His design for the site included a 10-foot-high statue of Lincoln located outside the front of the tomb, which is encircled by multigure groups representing the fighting forces of the Civil War — the infantry, cavalry, artillery and navy. Sixty-five bronze cannons donated by the United States government were melted for the casting of these statues.

Although the contest for the tomb's original design was fierce, there was little competition for the renovation of Mead's sculptures. According to Weil, "the archaeometry center is practically unique in its ability to take on a conservation



Larkin Mead's 10-foot-tall bronze statue of Lincoln after cleaning and renovation.

project of such scope."

For the first step, a commercial firm was contracted to bombard the statues with powder-fine glass beads, propelled by air at low pressure. This process, called glass bead peening, removes corrosion products without harming the metal. The technique evolved from a Center for Archaeometry research project in the mid-1970s. A similar technique is used to clean jet engine parts.

After supervising the cleaning and polishing of the statues, the archaeometry staff then applied a patina to the bronze. Erecting scaffolds and wind baffles to reach the highest pieces, they used blow torches to heat the metal. As the hot surface reacted with a special chemical spray, the figures acquired a rich, glossy, translucent brown color. Finally, an acrylic resin containing a corrosion inhibitor was applied to protect against further attack by wind, rain and pollution.

The result of the renovation (the bronze door and window grilles of the tomb also were cleaned) was remarkable. "The sheer size made it a spectacular project," says Weil. "No photograph can capture the entire effect of the change."

Another phase of the Lincoln's tomb project is yet underway. From now through March, nine statuettes from the tomb's interior are being shipped to the WU center for restoration.

When this last phase is completed, Lincoln and the statuettes will join a long list of historical figures that have undergone treatment by Weil's team. Among these are a 208-year-old statue of

Print workshop exhibition opens at WU Gallery

Prints produced by 13 artists at the School of Fine Arts Print Workshop, 569 Melville Ave., will be displayed at an exhibition that will open in the Print Gallery of WU's Gallery of Art, Steinberg Hall, on Sunday afternoon, Feb. 14, with a reception from 3-5 p.m.

Those whose work will be featured at this show entitled "Contemporary Prints Published by the WU School of Fine Arts," which will run through March 21, are: George Bartko, a member of the faculty of the St. Louis Community College (Florissant Valley campus); Lee Chesney, WU Distinguished Visiting Louis D. Beaumont Professor of Art at WU in 1979; Dan Cytron, a non-objective painter who lives and works in Los Angeles; Susan Eisler, of the St. Louis Community College faculty (Florissant Valley campus);

Rafael Ferrer, a visiting artist at the WU Summer Art Institute in 1979; Sam Gilliam, Distinguished Visiting Louis D. Beaumont Professor of Art last year; William Kohn, WU professor of art; Roy Lichtenstein, celebrated New York artist; John Moore (BFA '66), currently on leave as a member of the Tyler School of Art to serve as visiting professor, University of California (Berkeley); Joe Moss, East Coast environmental sculptor; Edda Renouf, painter-printmaker from New York City; Mary Sprague, a member of the faculty of the St. Louis Community College (Meramec campus); and Hugh Yorty, a member of the faculty at Southwest Missouri State University.

All of the prints on view, with the exception of those by Chesney, Gilliam and Lichtenstein, are gifts to the WU Gallery of Art from the WU School of Fine Arts. Mr. and Mrs. Donald W. Samuels presented the Lichtenstein print pulled at the WU Print Workshop to the WU Gallery of Art. In addition, the Saint Louis Art Museum has purchased copies of most of the prints with money provided by the Henry S. Iglaue Memorial Fund.

The WU School of Fine Arts Print Workshop was established with support of the Missouri Arts Council in 1978 to allow students to participate in the publication of fine prints and to provide printmaking facilities for Missouri artists. In commenting on the contribution of this print workshop, Robert Duffy, former art editor of the *St. Louis Post-Dispatch*, pointed out some months ago that as recently as three years ago the Lichtenstein print could not have been printed in this city because the "facilities and personnel for accomplishing it simply did not exist." Duffy added: "Lichtenstein had the option of having his print pulled here (St. Louis), because in recent years the School of Fine Arts has committed itself to the steady improvement of its printmaking facilities, the expansion of printmaking programs, and finally, to the hiring of a master printer

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Many factors contribute to abuse of elderly

Mary was a 71-year-old woman living with her husband. Brought into a hospital emergency room in a comatose state, she was filthy, her hair was matted with dirt, and she had bedsores on most of her body. She had previously been hospitalized with "suspect incidences": a broken leg, head injuries and others. Hospital officials decided that Mary had been neglected, but her husband claimed he did not realize how ill she was.

When nursing-home placement for Mary was suggested, the husband refused. Why? Loss of Mary from the household would also mean loss of her Social Security income to him.

Mary is one of an estimated one half to 2.5 million elderly women in the United States who are abused by their children, spouses or substitute caregivers. Eloise Rathbone-McCuan, assistant professor of social work, runs a program at WU designed to train social service professionals to deal with special problems faced by women in their later years.

"The majority of the cases involve neglect and economic exploitation, not physical violence," said Rathbone-McCuan. "This kind of situation puts the elderly person in danger of aggression."

She has identified two elements common to all abuse cases of the elderly: stress and isolation.

Take, for example, Bernice, a 74-year-old widow who moved in with her son and his wife after suffering a broken arm in a fall. Consigned to live in an unfinished basement, she had to prepare her own meals on a hotplate and was forbidden by her daughter-in-law to come upstairs. Bernice tried to get help from various agencies, but she was not eligible for help from any of them.

"Few caregivers are prepared for the demands placed on their time and emotions," Rathbone-McCuan said of this type of situation. Coping with a functionally deteriorating aged parent strains the relationship between husband and wife, between parents and children, and between children themselves.

"In effect, the caregivers are not only the jailers, but are in jail themselves," she added.

One reason why dealing with cases of adult battering is difficult for a social worker is because the women often resist efforts to help. "They refuse because they repeatedly forgive the abuser, they are afraid of the unknown and of being institutionalized, and they are and feel trapped by limited economic resources," said Rathbone-McCuan.

In Mary's case, a social worker was able to counsel the husband on how to finance a better living situation, and Mary was finally admitted to a nursing home.

In contrast, Bernice, when invited to visit a friend in another state, refused to return to her son's home. Various agencies helped her relocate, but her daughter-in-law remained antagonistic, and no one was able to contact the son.



Eloise Rathbone-McCuan, WU assistant professor of social work, discusses alternative living arrangements with a client.

"The important thing to remember when dealing with cases of abuse of the elderly," said Rathbone-McCuan, "is that we are dealing with adults. We, as social workers, cannot enter into the situation and tell everyone what to do. We have to learn the needs and desires of the whole family and try to find alternatives for them. But to take elderly persons out of the home and place them in an institution is no cure-all."

Rathbone-McCuan cites several financial and legislative barriers that exacerbate already strained situations. There has been discussion in Congress to allow tax credits for care for the elderly similar to credits for child care, but the idea failed. Families that add a room to accommodate an elderly family member can expect their property taxes to go up. Also, elderly people may lose some Social Security benefits when they move in with younger family members.

To date, only 15 states have elderly-abuse laws and 25 states have adult-protective-service statutes, but these laws are of varying strength, and, in some cases, strong laws are not supported by facilities and funding.

"A comprehensive federal law would help a great deal, but we also need financial commitment," she said. "After all, what social justice would there be if we identified a problem but supplied no means to relieve it?"

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One of the most lavishly illustrated books of the 15th century, the *Nuremberg Chronicle*, includes medieval maps of the world, diagrams of royal family trees and illustrations of the great cities of the world. Because of time and expense, the book's printer, Anton Koberger, used 645 woodcuts repeatedly throughout the book for a total of 1,809 illustrations. This particular woodcut of a king was used several times to depict famous and obscure royal personages.

15th-century books, manuscripts on view in Olin's special collections

In 1455, in the town of Mainz, Germany, a relatively unknown printer, Johann Gensfleisch zum Gutenberg, changed the course of western civilization with his invention of movable type. This innovation began an era of printing known as the "Golden Age," which lasted well into the 16th century.

Several outstanding examples of "the art preservative of all arts" from that Golden Age of printing are on display in the Special Collections department on the fifth floor of Olin Library. The exhibition, "Fifteenth-Century Books and Manuscripts," is open from 8:30 a.m. to 5 p.m. weekdays through April 2.

Holly Hall, head of Special Collections, will conduct tours of the show at 12:10 p.m. Wednesday, Feb. 24, and Wednesday, March 10.

All of the printed materials in the exhibition are incunabula, books printed before 1501. The show includes the work of several well-known printers, including William Caxton (c. 1422-1491), who was the first to use Gutenberg's new method to print a book in English, and a single printed leaf from the *Catholicon* (Mainz, 1460), believed to be the work of Gutenberg.

The latter work, a late medieval en-

cyclopedic dictionary, Hall said, is printed in a small type that strongly resembles an early letter cut by Gutenberg, and it is thus presumed to have come from his press. It is the earliest printed piece in the University's collection.

The exhibition also includes several outstanding examples of illustration and illumination, the embellishment of written texts with designs in rich colors and gold, an old art that reached its height in the early 15th century. The *Nuremberg Chronicle*, a history of the world from the creation to the year 1492, was printed in 1493 by the German Anton Koberger. Hall that the *Chronicle* is the most lavishly illustrated book of the 15th century.

Illuminated manuscripts on view include ten volumes of the *Book of Hours*, prayer books used by the laity, and two Psalters, both rich examples of the high craft and art employed by illuminators and scribes for the reproduction of single manuscripts.

Most of the books and manuscripts on display are from the George N. Meissner Rare Book Collection. Others are gifts of Earl Daniel Liberman, Philip Mills Arnold, Mr. and Mrs. Howard F. Baer and anonymous donors.

Six scholars to speak in Holocaust series

A series of lectures on the Holocaust will be presented by WU beginning Thursday, Feb. 18. The public is invited to attend these events, which will be held at 8 p.m. in Steinberg Hall Auditorium.

Thursday, Feb. 18: Lawrence Langer, professor of English, Simmons College, Boston, "The Language of Holocaust Literature: Search for a New Idiom";

Tuesday, Feb. 23: Helen Fein, senior research associate, Center for Policy Research, New York City, "The Reasons Why: Some Persisting Questions About the Holocaust";

Thursday, March 4: Alvin Rosenfeld, professor of English and director of

Jewish Studies, Indiana University, "The Last Song of the Last Jew: Reflections on Holocaust Poetry";

Wednesday, March 17: Berel Lang, professor of philosophy, University of Colorado, "Who Shall Love, Who Shall Die" — and the Decision Not to Decide";

Thursday, March 25: Henry Feingold, professor of history, Baruch College and Graduate Center, City University of New York, "Roosevelt, the Jews and the Holocaust";

Tuesday, March 30: Bernard Wasserstein, associate professor and director of the Tauber Institute, Brandeis University, "The Allies and the Jews of Europe, 1939-1945."

Print— continued from p. 1

and establishment of a well-equipped professional print workshop."

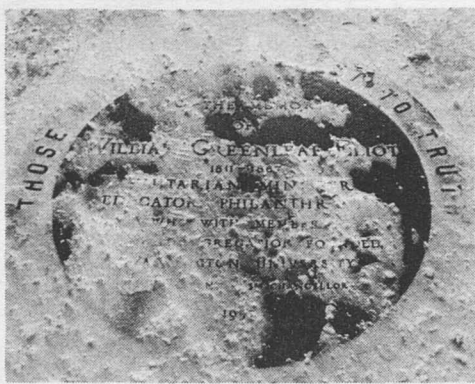
The WU School of Fine Arts invited Dan Gualdoni to join its faculty as its master printmaker. A student of Fred Becker at WU in the early 1960s, Gualdoni received a master's degree from the Otis Art Institute of Los Angeles County and earned his credentials as a master printer at Gemini Graphics Editions Limited in Los Angeles, where he worked with master printer Kenneth Tyler.

Gualdoni will speak on the School of Fine Arts Print Workshop on Wednesday, March 3 at 12:10 p.m. in the Print Gallery. His talk is another in the series of noon lectures scheduled by the WU Gallery of Art, and the campus community is invited to "brown bag it" to this event.

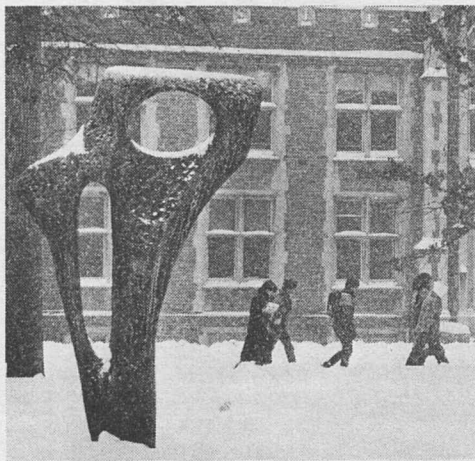
The prints from the various editions at the exhibition can be purchased from the Print Workshop. For more information, call the School of Fine Arts, 889-6563.



"Oye II," by Rafael Ferrer



Four inches? S'no way!



Prognosticators were taken aback a week ago Saturday when, with frosty fierceness, Arctic air turned a rain shower into St. Louis' worse snow storm in 70 years. Thunder and lightning accompanied the 15 to 20 inches of white stuff, which effectively shut down St. Louis and WU on Monday and Tuesday. By Wednesday, signs of activity reappeared on campus. Margaret Albert (right), a sophomore from Connecticut, was in her element as she skied to classes. Above, a snowblower sends up a powdery plume as a worker clears a Graham Chapel walkway; and Barbara Hepworth's bronze sculpture, "Archaeon," was a solitary signpost on a snowy expanse.



Arts and Education fund drive is underway

The 1982 Arts and Education annual fund drive began Feb. 8, with the goal of raising \$1.9 million before the drive ends on March 3. For the first time this year, non-funded member agencies, including WU, will be eligible to apply for funds through a Special Projects Fund.

The main beneficiaries of the drive are: Dance St. Louis; KETC-TV, Channel 9; Mark Twain Summer Institute, a summer program for academically able high school students; the Missouri Botanical Garden; Opera Theatre of St. Louis; Repertory Theatre of St. Louis; Saint Louis Conservatory and Schools for the Arts (CASA); Young Audiences, which brings professional performing arts programs to area schools and communities; and the Arts and Education

Council of Greater St. Louis, which offers services to member agencies. Collectively, these agencies serve more than two million adults and children.

Several previously non-funded WU endeavors will be eligible to apply for funding next year. They are: the Asian Art Society, the Department of Chinese and Japanese, the Department of Music, Performing Arts Area, the schools of Architecture and Fine Arts, University College and the WU Gallery of Art.

Certain premiums accompany various levels of giving, which are tax deductible. Contributions may be sent directly to the Arts and Education Council, indicating employment at WU so that the University may be credited with the donation. Pledge cards are also available at the Personnel Office.

Abe— continued from p. 1

William Penn in Philadelphia; a statue of George Washington on Wall Street, New York City; and a statue of Saint Louis located in front of the Saint Louis Art Museum.

Weil begins a conservation job by digging into a piece's history. Into an album go reprints of old literature and letters describing the work, letters of commission, and a history of ownership. The piece is then measured, photographed and sometimes examined by X-ray or ultrasound to reveal the interior structure.

What she finds out about a piece can also help her know how the sculptor intended the piece to look — especially the original color of the patina, which ranges in bronze from brownish-red to a deep blue.

According to Weil, many people still believe that green is a natural color

Campus Notes

Sol L. Garfield, professor of psychology, has been invited to deliver two lectures at the Second Congress for Clinical Psychology and Psychotherapy to be held at the University of Berlin, Feb. 14-19. His lectures are entitled "Brief Psychotherapy: An Appraisal" and "Rapprochement and Eclecticism in Psychotherapy."

Hyman P. Minsky, professor of economics, will lecture on the topic "Macroeconomic Theory: Alternative Doctrines" at the Midwest Economic Association meeting in Chicago on April 1. He also will talk on general theories of economics and current policy at California State College at Chico on March 9 and 10 at Oklahoma State University at Stillwater on March 24.

Barbara Takenaga, lecturer and research associate in the School of Fine Arts, who joined the WU faculty last fall, will show some of her prints at the Timothy Burns Gallery, 393 N. Euclid Ave., this month. Her work will complement an unusual exhibition featuring classic furniture from the Bauhaus tradition by Eileen Gay (1879-1976), a pioneering designer who worked with the celebrated architect, Le Corbusier. Chicago artist Art Kleinman will also participate in this show which opened Feb. 7 and will run through Feb. 28. Gallery hours are noon through 5 p.m., Tuesday through Sunday; 6-9 p.m., Wednesday evenings and by appointment.

Thomas A. Woolsey, associate professor of anatomy and neurobiology and of physiology and biophysics at the School of Medicine, is one of 14 recipients of the newly established McKnight Neuroscience Development Award. He will use the \$100,000 prize to continue his study to characterize nerve cells in the barrel cortexes of mice by the cells' biochemical properties. The McKnight Foundation established the awards to stimulate research in neuroscience, particularly the study of memory and how it is affected by disease and disorders. Woolsey is also coordinator of the Neurosciences Program in the Division of Biology and Biomedical Sciences at WU.

for outdoor bronzes. It is not. Green on outdoor bronzes is a symptom of gross corrosive attack from sulphur in the air, she says, a problem that began with the Industrial Revolution.

"In the United States, we've never known anything else," Weil explains, "but in Europe, there was a lot of consternation expressed when statues began turning black and then opaque-green."

The center has made great inroads in treating corrosion on sculpture. But Weil is still searching for a satisfactory answer to the problem of visitors rubbing the noses on Lincoln and other bronze pieces, thereby creating that "lifeguard look" on famous sculptures. Until an answer is found, periodic applications of paste wax will offset a little of the insult to our prominent national proboscises.

February 11-20

Calendar

Lectures

Thursday, February 11

1 p.m. George Warren Brown School of Social Work Lecture, "Use of Videotape in the Preparation of Foster Parents," David Katz, WU assoc. prof. of social work and Heather L. Craig, assoc. dir., WU Region VII Child Welfare Training Center. Brown Hall Lounge.

2:15 p.m. Department of Mechanical Engineering Colloquium, "Experimental Aeroacoustics Research at MDRL," Valdis Kibens, senior scientist, Flight Sciences Department, McDonnell Douglas Research Labs. 100 Cupples II.

3 p.m. Black Studies Program Lecture, "The Black Church — The Black Ministry," Rev. William Gillespie, pastor, Cote Brillante Presbyterian Church. 349 McMillan.

4 p.m. School of Architecture Lecture, "Stimulating the Architectural Imagination," Anthony Antoniadis, WU visiting prof. of architecture. 116 Givens.

4 p.m. Department of Biology Plant Biology Group Lecture, "Gene Expression and Plant Morphogenesis: Several Biophysical Perspectives," Paul Green, biological science department, Stanford U. 322 Rebstock.

4 p.m. Public Affairs Thursday Lecture, "The Military Coup d'Etat in Poland," Adam Przeworski, dept. of political science, U. of Chicago. 200 C & D Eliot Social Sciences Bldg.

4 p.m. Department of Chemistry Seminar, "Recent Experiments in NMR of Solids," John Waugh, prof. of chemistry, Mass. Institute of Technology. 311 McMillan. (Coffee hour, 3:30 p.m., 561 Louderman.)

4 p.m. Department of Earth and Planetary Sciences Seminar, "Evidence for Block Tectonics Structure in the Eastern U.S. and Their Present Significance," Shelton S. Alexander, chairman, Geophysics Graduate Program, Penn. State U. 102 Wilson.

7:30 p.m. Department of Germanic Languages and Literatures, "Die Kunst und die Gesellschaft in der Weimarer Republik," Helmut Kreuzer, prof., U. of Siegen and U. of Houston. Hurst Lounge, Duncker Hall.

Friday, February 12

5:45 p.m. Hillel House Dinner for young mentally retarded Jewish adults. Dinner at 6:30 p.m. For reservations, call 726-6177. Tickets are \$3 for Hillel members; \$4 for non-members. For more information on the parents' group for the Jewish developmentally disabled, call Al Prelutsky, 994-0769.

8 p.m. School of Fine Arts Lecture with ceramics sculptor, Rudy Autio. Steinberg Aud.

Saturday, February 13

9 a.m. Neural Sciences Program Lecture, "Neurobiology of Multiple Sclerosis: Basic Aspects of Immune Regulation II," Joseph M. Davie, WU prof. of microbiology and immunology. 928 McDonnell Medical Sciences Bldg., 4570 McKinley.

7 p.m. WU Woman's Club and Men's Faculty Club Dinner Dance. Tickets are \$12.50 per person. For reservations call Anna Mae Ballard, 863-5273. Cupples House, 3673 West Pine Blvd.

Sunday, February 14

3 p.m. Opening Reception, "Contemporary Prints Published by the WU School of Fine Arts Print Workshop." Print Gallery, WU Gallery of Art, Steinberg Hall.

Monday, February 15

4:30 p.m. Needlework Society Lecture, "An Effect of Lithium on Phosphoinositide Metabolism in Cerebral Cortex," William R. Sherman, WU prof. of biochemistry in psychiatry. Cori Aud., McDonnell Medical Science Bldg., 4570 McKinley.

Tuesday, February 16

7:30 p.m. Susan B. Anthony Birthday Party, featuring a film, folk singing, the St. Louis Women's Choir and a birthday cake. Sponsored by the Women's Programming Board, Women's Studies Program and the Women's Resource Center. Gargoyle, Mallinckrodt Center.

8:30 p.m. School of Architecture Lecture, "Nineteenth-Century St. Louis: The Legacy of Its Architecture and Urban Development," Lawrence S. Lowie, WU asst. prof. of art and archaeology. Steinberg Hall Aud.

Wednesday, February 17

9:15 a.m. Christian Science Organization Meeting. East Lounge, third floor, Ann Whitney Olin Women's Bldg.

11 a.m. Assembly Series Lecture, "Selecting a Moist Heart: Native American Ways for Helping the Spirit," Sister Mary Jose Hobday, OSF, native American Catholic theologian. Graham Chapel.

3 p.m. Department of Physics Lecture, "The Atmosphere of Titan," Donald Hunten, prof. of planetary sciences, U. of Ariz. 201 Crow.

7:30 p.m. Black Studies Program Lecture with Howard Dodson, director, Institute for the Black World. Atlanta, Ga. 100 Busch.

8 p.m. Department of English Poetry Reading with WU Visiting Hurst Professor Lisel Mueller reading her own work. Hurst Lounge, Duncker Hall.

8 p.m. Jewish Student Union Choral Performance and Lecture, "The Jews, the Court, and Baroque Music: The Music of Salomone Di Rossi," Joel Revzen, musical dir., CASA, and chorus. Ann Whitney Olin Women's Bldg. Lounge. \$1 for WU students; \$2 general admission.

Thursday, February 18

12 noon. Department of Anatomy and Neurobiology Lecture with Melitta Schachner, Institute for Neurobiology, U. of Heidelberg, Germany. 928 McDonnell Medical Sciences Bldg., 4570 McKinley.

1 p.m. George Warren Brown School of Social Work Lecture, "Outlook for Social Work Employment in the 1980s," Michael Sherraden, WU asst. prof. of social work. Brown Hall Lounge.

4 p.m. School of Architecture Lecture, "Rome and Beyond," Spence Kass, former Steedman prize-winner and architect, Philadelphia. 116 Givens Hall.

4 p.m. Department of Economics International Development Seminar, "Models of Present Agricultural Behavior," Stephen G. Sellers, WU asst. prof. of anthropology. Stix International House, 6470 Forsyth.

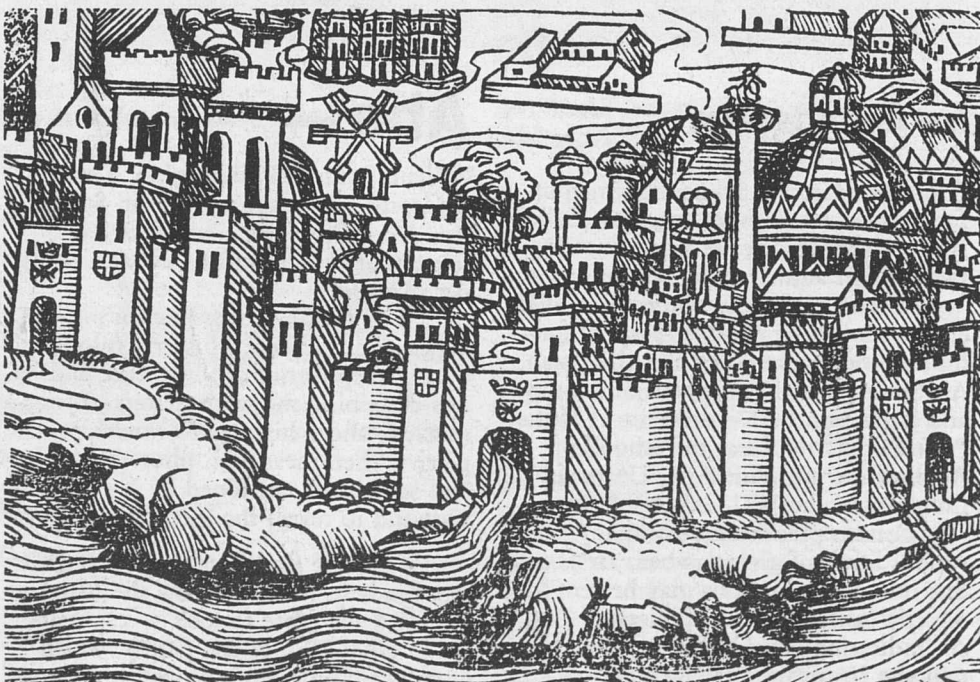
4 p.m. Department of Philosophy Colloquium, "Conceptualism in Lewis, an Explication and Defense of a Conceptualist Program," Daniel E. Wueste, WU grad. student in philosophy and winner of the 1981-82 Helen Stenner Memorial Prize Essay Competition. Hurst Lounge, Duncker Hall.

4 p.m. Public Affairs Thursday Lecture, "What Happened to the Gang of Four? Leftist Dissent in China," William C. Jones, WU prof. of law. 200 C & D Eliot Social Sciences Bldg.

4 p.m. Vision Seminar, "Visual Activity during Functional Transection of Area 17 Column," Joseph Malpeli, U. of Ill.-Champaign. Physiology Lib., fourth floor, South Bldg., 4577 McKinley.

4:30 p.m. Department of Mathematics Colloquium, "Zeros of Successive Derivatives of Meromorphic Functions," John Rossi, Purdue U. 199 Cupples I.

8 p.m. Department of English Colloquium, "Becoming Emerson," Robert W. Milder, WU assoc. prof. of English. Hurst Lounge, Duncker Hall.



This woodcut depicting a large 15th-century Italian city is from the *Nuremberg Chronicle* (Nuremberg, 1493), a history of the world from the creation through 1492. The *Chronicle* is one of many books and manuscripts on display in the Special Collections Department on the fifth floor of Olin Library. "Fifteenth-Century Books and Manuscripts" is on view from 8:30 a.m.-5 p.m. weekdays through April 2.

8 p.m. Holocaust Lecture Series, "The Language of Holocaust Literature: Search for a New Idiom," Lawrence Langer, prof. of English, Simmons College, Boston. Steinberg Hall Aud.

Friday, February 19

12:30 p.m. McDonnell Laboratory for Psychical Research Lecture with Michael Thalbourne, MLPR research assoc., reporting on the 1982 Southeast Region Parapsychological Association convention. 117 Eads.

3 p.m. Graduate Institute of Education Lecture, "A Social Approach to the Study of Teacher Effectiveness," Gary J. Natriello, WU asst. prof. of education. 217 McMillan.

8:30 p.m. Jewish Student Union Panel Discussion, "Art and Politics: Should We Support Anti-Semitic Geniuses?" Harold Blumenfeld, WU prof. of music; Ervin Rodin, WU prof. of applied mathematics; and Robert Cohen, editor, *St. Louis Jewish Light*. Hillel House, 6300 Forsyth Blvd.

Saturday, February 20

9 a.m. Neural Sciences Program Lecture, "Neurobiology of Multiple Sclerosis: Lymphocyte Function in Multiple Sclerosis," Barry Arnason, U. of Chicago. 928 McDonnell Medical Sciences Bldg., 4570 McKinley.

Films

Thursday, February 11

7:30 and 9:45 p.m. WU Filmboard Series, "La Notte." \$2. Brown Hall Aud.

Friday, February 12

7:30 p.m. WU Filmboard Series, "Gone With The Wind." \$2. Brown Hall Aud. (Also Sat., Feb. 13, same time, Brown.)

Sunday, February 14

4:30 and 7 p.m. WU Filmboard Series, "Thunderball." \$2. Brown Hall Aud. (Also Mon., Feb. 15, 7 and 9:30 p.m., Brown.)

Tuesday, February 16

7:30 and 9:30 p.m. WU Filmboard Series, "East of Eden." \$2. Brown Hall Aud.

Wednesday, February 17

7:30 and 9:30 p.m. WU Filmboard Series, "Picnic at Hanging Rock." \$2. Brown Hall Aud. (Also Thurs., Feb. 18, same times, Brown.)

Friday, February 19

8 and 10 p.m. WU Filmboard Series, "Nine to Five." \$2. Brown Hall Aud. (Also Sat., Feb. 20, same times, Brown.)
Midnight. WU Filmboard Series, "Female Trouble." \$1. Brown Hall Aud. (Also Sat., Feb. 20, midnight, Brown.)

Exhibitions

"Books from the Lutz Library." Medical Library Annex, 615 S. Taylor. 8:30 a.m.-5 p.m. weekdays. Through April 4.

"The Architectural Heritage of St. Louis 1803-1891: From the Louisiana Purchase to the Wainwright Building." Upper Gallery, WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Through March 14.

"Fourth Annual High School Art Competition." Bixby Hall Gallery. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. Through Feb. 21.

"Fifteenth-Century Books and Manuscripts." Special Collections, fifth floor, Olin Library. 8:30 a.m.-5 p.m. weekdays. Through April 2.

"19th- and 20th-Century Masterpieces from the University Collection." Lower Gallery, WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Feb. 14-April 25.

"Contemporary Prints Published by the WU School of Fine Arts Print Workshop." Print Gallery, WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Feb. 14-March 21.

Music

Saturday, February 13

11:30 a.m. Department of Music Wind Ensemble Pops Concert. Plaza Frontenac. No charge.

8 p.m. Department of Music Graduate Student Recital, Lana Turner, pianist. Graham Chapel. No charge.

8 p.m. Edison Theatre Series presents Alfred Brendel, pianist. Tickets are \$6 general admission; \$4.50 for area students, WU faculty and staff; and \$3 for WU students. Tickets available at Edison Theatre box office, 889-6543.



Alfred Brendel

Sunday, February 14

4 p.m. Department of Music Concert. Second Presbyterian Church, 4501 Westminster Place. No charge.

Thursday, February 18

8 p.m. Department of Music Collegium Musicum Concert, directed by Nicholas McGegan, WU artist-in-residence. Ann Whitney Olin Women's Bldg. Lounge. No charge.

Saturday, February 20

8 p.m. Department of Music Graduate Recital with Robert Barefield, tenor. Graham Chapel. No charge.

Performing Arts

Saturday, February 20

8 p.m. Hillel Foundation Presentation, "Gimpel and Yentl: Singer Stories," a chamber theatre performance. Tickets are \$1 for students; \$2.50 general admission. Hillel House, 6300 Forsyth Blvd. (Also Sun. Feb. 21; Mon., Feb. 22; Sat., Feb. 27; and Sun., Feb. 28.)

Sports

Friday, February 12

2:30 p.m. Wrestling, WU vs. U. of the South and U. of Mo.-Rolla. Francis Field House.

7:30 p.m. Women's Basketball, WU vs. U. of Chicago. Francis Field House.

Saturday, February 13

2 p.m. Men's Varsity Basketball, WU vs. Wabash College. Francis Field House. \$2 gen. admission; WU students free.

Monday, February 15

7:30 p.m. Women's Basketball, WU vs. MacMurray College. Francis Field House.

Tuesday, February 16

7:30 p.m. Men's Varsity Basketball, WU vs. Blackburn College. Francis Field House. \$2 gen. admission; WU students free.

Calendar Deadline

The deadline to submit items for the calendar period of March 4-20 is Feb. 18. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker name and identification and the title of the event. Those submitting items, please note name and telephone number. Address items to Susan Kesling, calendar editor, Box 1142.

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