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600 Students Expected for German Day

Come Thursday, March 20, Deutsch will be the language of the day on campus as some 600 high school students, all of whom have studied German for two or more years, gather for the celebration of the Fifth Annual German Day at WU. Representing some 25 secondary schools in the Greater St. Louis Metropolitan Area, they will be the guests of the Department of Germanic Languages and Literatures.

After assembling in Graham Chapel at 8:30 a.m. for a brief organ recital, the students will move on to Mallinckrodt Center for a morning’s program which will include the performance of a German play in the Drama Studio, instruction in German culture, and an old-fashioned declamation contest complete with prizes supplied by the German consulate and the Goethe Institute, both in Chicago.

June C. Mueller, WU German language coordinator, is in charge of German Day activities; Bernhard P. Zimmermann, associate professor of German, is the adviser for the play production.

Under his supervision, Rebecca Kettler, WU graduate student, is serving as director of Die Physiker, by the contemporary German playwright Friedrich Duerrenmatt. Antonia Holdegel, an exchange student from the University of Berlin, is assisting her. The play, set in a modern mental asylum, is done in German dialogue interspersed with brief English summaries. The cast, members of a WU class studying German plays, will enact the “tragic-comedy” concerned with the moral dilemma of the scientist. It will be presented to the public Friday and Saturday, March 21 and 22, at 8 p.m. in the Drama Studio.

In preparation for the declamation contest, the high school students will move on to the German consulates in the Greater St. Louis Metropolitan Area, they will be the guests of the Department of Germanic Languages and Literatures.

CSAS Sponsors Symposium on Universities in Transition

The Council of Students of Arts and Sciences will present a symposium on “American Universities in a Period of Transition” Wednesday through Sunday, March 19 to 23. All events are open to the public and most are free.

Burton Wheeler, WU professor of English and religious studies and former dean of the College of Arts and Sciences, will be the keynote speaker at the symposium. He will speak at 11 a.m. Wednesday in Graham Chapel on the topic, “The Future of American Universities.”

WU faculty members and administrators will elaborate on the symposium’s theme in three panel discussions, all in the Ann Whitney Olin Women’s Building Lounge. The first, “University Resources and Constraints in the Coming Decade,” will be held at 2 p.m. Wednesday. Discussants will be Alan Burton, associate professor of sociology; Robert Blackburn, director of community and government relations; David Kirk, acting dean of the Graduate School of Arts and Sciences; and Peter Ruger, general legal counsel for the University.

David Levy, field director of the student volunteer Emergency Support Team, and Terry Chazan, president of the team, examine some new life support equipment recently added to the team’s emergency vehicle. (Photo by Peter Zimmerman)
Rats launched last year in the Soviet biosatellite Cosmos 1129 were held in individual cylindrical cages, each with its own light, food, water, air circulation and waste management systems. The animals ate a special diet four times a day.

WU Trio Joins Soviets, NASA On Bone Growth Study in Space

When the next astronauts blast into space, the effects of prolonged weightlessness and cosmic radiation on their bodies will be better understood by scientists than ever before.

The effects of these phenomena on animals were recently studied in a joint Soviet-American project which included an experiment by a team at the WU School of Dental Medicine headed by David J. Simmons, research associate professor of orthopedic surgery and adjunct associate professor of dentistry.

Simmons knew that temporary loss of calcium and skeletal bone mass had been documented among astronauts. He wondered whether non-weight-bearing bones, such as the jaw, would suffer the same losses.

Last summer he traveled to Moscow with officials from the National Aeronautics and Space Administration to arrange a study of jawbones of some three dozen rats destined for a spaceflight aboard the Soviet Union biosatellite Cosmos 1129. The satellite was launched successfully in late September from a remote site in Siberia and parachuted to earth after 19 days in orbit. A month later, samples of the jawbones were shipped to Simmons and his associates on the project, Frank H. Winter, professor of physiology, and Jean Russell-Childers, research associate, both in the Department of Biomedical Science at the WU School of Dental Medicine.

Other researchers in the U.S. and the Soviet Union received different parts of the space rats for studies of the thighbone, liver, nasal lining, spine—“everything except the squeak,” noted Simmons.

Although analysis is still under way, a preliminary report by Simmons’ team shows that in space, growth in the rat jawbones effectively stopped, but the formation of dentin, the protein-rich portion of the teeth, continued as normal. Simmons offered one possible explanation. “A rat is constantly gnashing its teeth, even when it’s not eating. In terms of biting, the teeth probably remained more functional during weightlessness than other parts of the skeleton.”

Next month the WU researchers will look at jawbone samples from rats allowed to recover from their space orbit for a 25-day period. (The first group was killed immediately afterward for analysis.) The team will determine whether normal bone growth began again.

Simmons will present a paper on his research in July at a meeting of the International Physiological Society in Budapest, Hungary. He hopes to participate in a similar Soviet-American space project involving Rhesus monkeys, tentatively scheduled for 1982. Cosmos 1129 was the fifth and final mission in a series of unmanned satellite spaceflights launched by the Soviet Union in cooperation with the U.S.

Legal and Business Specialists Discuss China at Law Conference

The WU School of Law will present a conference entitled “Doing Business with China,” on Friday, March 14. The conference, organized by William C. Jones, WU professor of law, will run from 9 a.m. to 5 p.m. in Mudd Hall. A representative of the Embassy of the People's Republic of China will attend.


The School has organized this conference to acquaint lawyers and businessmen who are considering doing business with China with current Chinese law.

The fee of $100 includes materials, lunch and cocktails. For more information, call Jones at Ext. 6444, or Assistant Dean Steven Kornblut at Ext. 6430.

Symposium—continued from p. 1

“Competing Conceptions of Knowledge and Learning,” the second panel topic, will be discussed on Thursday, beginning at 1 p.m. Panelists will be Jane Anton, assistant professor of counseling psychology; William Caspary, associate professor of political science; Richard deCharmis, professor of education; Leonard Green, assistant professor of psychology; and Edward McGlennon, associate professor of philosophy.

Robert Boguslaw, professor of sociology, will lead the discussion of “The Social Mission of the American University” at 1 p.m. Friday. Others on the panel will be Ann DiStefano, assistant professor of education; Evelyn Hu-DeHart, assistant professor of history; Gary Tobin, assistant professor of urban studies; and H. Boulter Kelsey, Jr., assistant dean of the School of Engineering and Applied Science.

David Hadas, associate professor of English, and Nelson Wu, Mallinckrodt Distinguished Professor of History of Art and Chinese Culture, will discuss “The Unexplored Half of a University Education” at 8 p.m. Wed. in Lee Dormitory.

Several informal discussions will be held throughout the symposium. The first, at noon on Thursday in the Gargoyle Coffeehouse, will include an inexpensive lunch and is sponsored by the In-town Students Association. Others will be held at 9 p.m. Thursday in Mallinckrodt Gallery; and at 2 p.m. Sunday in the Gargoyle Coffeehouse. The latter gathering will include lunch. The Council will also sponsor a party at 3 p.m. Friday in Bowles Plaza.

WU Swimmers Are AIAW Regional Champs

The WU Women’s Swim Team won the Division III, Region 6 Association of Intercollegiate Athletics for Women Swimming and Diving championships last weekend in Vermillion, S. Dak. The WU team led the scoring with 379 points, followed by Grinnell College with 342 and Carlton College with 294.

Fran McDonald, a sophomore, and Lorraine Ross, a freshman, led the team to victory. McDonald placed first in the 200 meter butterfly and second in the 400 and 1500 meter free style and in the 400 meter individual medley. Ross placed first in the 100 meter individual medley and second in the 200 meter individual medley and freestyle.

The WU relay teams took first in the 200, 400, and 800 meter free style races.
Avant-garde Sculptor Speaks About His Work in Firebrick

The eclectic series of Visiting Artist Lectures sponsored by the WU School of Fine Arts this semester continues March 19 with a talk by sculptor John Mason, often described as "a post-modernist sculptor." His illustrated talk on his work will begin at 7 p.m. in Steinberg Auditorium.

Mason was the subject of a major article in Art in America last year which analyzed an exhibition of his work, John Mason Installations from the Hudson River Series, organized by the Hudson River Museum, Yonkers, N.Y. The exhibition consisted of 10 different environmental works installed at two-week intervals over a period of three months and designed for specific spaces in ten different museums. The full series, as it has been projected through Mason's drawings, consists of 12 works. Numbers I and XII have not been executed.

In the article, Rosalind Krauss, who prepared the catalogue for the Hudson River sequence, observed that Mason's separate but interrelated sculptures for this show "all exist as floor-bound aggregates of firebrick, spreading over and claiming large—in some cases, vast—areas of ground." She added, "The experience they offer is both systematic and sensuous, at once highly rational and elusively eccentric."

This show was the culmination of the development of Mason from a ceramist to an artist preoccupied with the "logical orientation of brick to floor." In making this transition, Mason is often said to have moved from Abstract-Expressionism through Minimalism to an "environmental phase."

Mason is a California artist identified with what Los Angeles critic and editor of Artweek Sandy Ballatore has characterized as "Southern California Formal" as distinguished from "San Francisco Funk." Mason's guru was Peter Voulkos, the acknowledged progenitor of California ceramists, with whom Mason worked at the Otis Art Institute, first as a student, and then as a peer. The pair set up a joint studio in 1957.

Mason has taught on both coasts—for a long period at the University of California, Irvine, and more recently at Hunter College in New York. He has received many honors, including the Ford Foundation Award at the 67th American Exhibition of the Art Institute of Chicago in 1964.

Team—continued from p. 1

ambulance group, and their program became the model for the WU team. "Our ultimate goal is to organize a student-run volunteer ambulance service for the campus and the South-40," she said.

Helping to make the emergency support team a reality were a number of WU administrators. Norman Schneider, director of the WU Police Department, agreed to transmit emergency calls received by the campus police to the team, and Joe Evans, associate vice chancellor for Business Affairs, acquired funding. Mary L. Parker, MD, director of the University Health Service, provides medical supplies and offers courses in CPR. Specialists from the Health Service also give lectures and demonstrate techniques to the group.

Those interested in participating should call Terry Chazan at 727-3627 or David Levy at 863-2546.

Denise M. Woltering

Tyson Offers Tours in March and in May

The Tyson Research Center in Eureka, Mo., will offer tours of the facility to members of the WU community and their families Saturday, March 29, and Saturday, May 3. Hosted by Richard Coles, director of the Center, the tours will begin at 9:30 a.m. and 1:30 p.m. each day, and last for approximately two and one-half hours. The tours are held to acquaint the University community with the Center, which is not usually open to the public. Tour groups will be limited to 25 people. To reserve a place, call 938-5346 on Mondays, Wednesdays or Fridays.
Calendar
March 7-20

FRIDAY, MARCH 7
9 a.m. School of Dental Medicine 114th Annual Dental Alumni Association Meeting. Marriott's Pavilion Hotel, #1 South Broadway. Registration at the door. For more information, call 454-0837. (Also Sat., March 8.)
12:30 p.m. WU Woman's Club Health Food Mini-Lunch, "Health Foods Can Be Dangerous to Your Health." Walter H. Lewis, WU prof. of biology and senior botanist, Mo. Botanical Gardens. Stix International House. Reservations may be made by calling 894-2655 or 863-5646.

SUNDAY, MARCH 9
4 p.m. Olin Library Dedication and Reception. The Whitney Robson Harris Collection on the Third Reich, 1933-45, a collection of some 200 volumes as well as a transcript of the Nuremberg Trials, will be dedicated. Reception sponsored by the WU Women's Society. Olin Library, level four.

MONDAY, MARCH 10

TUESDAY, MARCH 11
3 p.m. Department of Physics Colloquium, "Proton Decay and the Baryon Number of the Universe," Edward Kolb, dept. of physics and astronomy, Kellogg Radiation Laboratory, Calif. Inst. of Technology. 201 Crow. Coffee will be served at 3:30 p.m.

MONDAY, MARCH 17
2 p.m. Department of Chemical Engineering Seminar, "Wavelike Dissolution Patterns," T. J. Hantiny, prof. of chemical engineering, U. of Illinois-Urbana. 100 Cupples II.

TUESDAY, MARCH 18

WEDNESDAY, MARCH 19
4 p.m. Campus Y and P.O.C.A. Panel, "A Question of Conscience," a discussion on conscientious objection. Panelists will be Yvonne Logan, Women's International League for Peace and Freedom; Bob Rankin, a former CO; Peter Theodore, Society of Friends; and Father Jay Alberg, St. Louis U. Lambert Lounge, Mallinckrodt.
8 p.m. School of Fine Arts Lecture. John Mason, sculptor and ceramicist, will give an illustrated lecture on his work. Steinberg Auditorium.

THURSDAY, MARCH 20
8:30 a.m. Department of Germanic Languages and Literatures German Day for area high school students. The program will include an organ concert, a declamation contest and two performances of Friedrich Duerrenmatt's "Die Physiker." Graham Chapel and Drama Studio, Mallinckrodt.
8 p.m. Department of English Reading. Edwin Brock, author of numerous volumes of poetry, among them, The River and the Train, will read from his work. Hurst Lounge, Duncker Hall.

Exhibitions
"Thomas Alva Edison: Wizard of Menlo Park." Olin Library, level three. 8 a.m.-6 p.m., Mon-Thurs.; 8 a.m.-7 p.m., Fri.; 9 a.m.-6 p.m., Sat.; and 11 a.m.-12 midnight, Sun. Through March 31.

"Paper as Art, Art as Paper." Bixby Gallery, 10 a.m.-12 noon and 1-4 p.m., weekdays. Through March 21.

"Early Medical Photography, 1839-1900." Medical Library entrance cases, 615 S. Taylor. 8 a.m.-5 p.m., weekdays. Through March 31.


"The Knowledge of Natural Things." Rare Books and Special Collections, fifth floor, Olin Library. 8:30 a.m.-5 p.m., weekdays. Through April 11.

Music
WEDNESDAY, MARCH 19
12:15 p.m. Department of Music Student Recital, with performances by several students. Graham Chapel.

THURSDAY, MARCH 20
8 p.m. Department of Music Faculty Voice Recital with Edmund LeRoy, baritone soloist. Graham Chapel.

Films
MONDAY, MARCH 17
7:30 and 9:30 p.m. Historical Cinema Series, Great Expectations. Brown. $1.25. (Also Tues., March 18, same times, Brown.)

TUESDAY, MARCH 18
4 p.m. Department of Art and Archaeology Film, Michelangelo, the Last Giant. Steinberg Auditorium.

WEDNESDAY, MARCH 19
7:30 and 9:45 p.m. WU Filmboard Series, Mr. Klein. Brown. $1.75. (Also Thurs., March 20, same times, Brown.)

Walker Named to Space Board
Robert M. Walker, WU professor of physics and director of the McDonnell Center for Space Sciences, has been appointed to the Space Science Board, a committee of the National Academy of Sciences. Board members are responsible for advising NASA on the space program. For the past three years, Walker has served on a subcommittee of the Space Science Board called COMPLEX, the Committee on Planetary and Lunar Exploration.

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For more information on these festivities, call Zimmermann at Ext. 5135 or Mueller at Ext. 5163.

Sigma Xi Seeks Nominees
The WU Chapter of Sigma Xi, the national honorary society for science, is accepting nominations for new members through March 31. Candidates for full membership are new faculty members, postdoctoral and research associates, PhD candidates and associate members who have demonstrated through published research their eligibility for election to full membership. Senior level undergraduates in honors programs who expect to graduate in the spring are candidates for associate membership. Nomination forms are available from Sigma Xi secretary John K. Gohagan, WU professor of technology and human affairs, Box 1106.

Law Team Places Third
The trial court team in the WU School of Law placed third among 24 teams in the recent Midwest Regional Trial Court Competition in Chicago, Ill. Its record was 7 wins and 2 losses. The WU team lost to Loyola University of Chicago in the finals. Student members of the team included Kathy DeWoskin, David Harris, Tim Thornton, Ken Vuylsteke and Brad Winters. The team's "coach" was Ron Carlson, WU professor of law.

Correction
An item about Social Security exemptions on past three years, Walker has should have noted that checks of employees on the monthly payroll will reflect sick leave credit for the previous month.