British stage and film star Rex Harrison made a surprise visit to Olin Library last Friday to view the current exhibition of Shaw works in the Special Collections department. Harrison, in St. Louis to star in My Fair Lady, a musical adaptation of George Bernard Shaw's Pygmalion, chats amicably above with Holly Hall, head of special collections, and Charles D. Churchwell, dean of library services. Harrison, an amateur scholar of Shaw himself, relates in the preface of a new Dodd, Mead and Co. volume of selected Shaw plays that he met the playwright in 1940 while they worked together on the film version of Major Barbara.

Former U.N. Ambassador McHenry To Speak at Eliot Honors

Donald F. McHenry, statesman and educator, will speak at WU's Eliot Honors Convocation at 8:30 p.m. Thursday, May 21, in Graham Chapel.

McHenry, research professor of diplomacy at Georgetown University's School of Foreign Service in Washington, D.C., will speak on “New Perceptions in U.S. Foreign Policy.”

About 330 graduating students will be recognized for their scholarship and leadership at the Eliot Honors ceremony, dedicated to the memory of the Rev. William Greenleaf Eliot, a Unitarian minister and one of the founders of the University. Eliot was chancellor of WU from 1870 to 1887.

Students to be recognized at the ceremonies represent the top 10 percent of the graduating class of each division.

Kipnis Elected to Prestigious National Academy of Sciences

David M. Kipnis, Busch Professor and chairman of the Department of Medicine at the WU School of Medicine and physician-in-chief at Barnes Hospital, has been elected to the National Academy of Sciences, one of the highest honors that can be given to an American scientist or engineer.

The academy was chartered by an act of Congress in 1863 as a society of distinguished scholars in scientific and engineering research, dedicated to the advancement of science and its use for the general welfare. The academy serves as an official adviser to the federal government on questions of science or technology.

The election of Kipnis, one of 60 new members, brings to 11 the number of WU faculty members in the academy.

Cited for his distinguished and continuing achievements in diabetic and metabolic research, Kipnis has served as chairman of the National Diabetes Advisory Board, which monitors the federal government's research program in diabetes.

A native of Baltimore, Md., Kipnis earned the MD degree, summa cum laude, in 1951 from the University of Maryland School of Medicine. He studied at the Johns Hopkins University, Duke University and University of Maryland hospitals before coming to WU in 1955 as a research fellow of Carl F. Cori, the 1947 Nobel Laureate in Medicine.

Kipnis is also a member of the staffs of Jewish Hospital and St. Louis Children's Hospital.

Outcomes of Holocaust Discussed By Wiesenthal at Hillel Lecture

Simon Wiesenthal, author and hunter of war criminals responsible for the Holocaust during World War II, will deliver the Hillel Foundation Lecture at 8:30 p.m. Thursday, May 21, at the Hillel House, 6300 Forsyth Blvd. His talk will be on “Consequences of the Holocaust.”

Head of the Jewish Documentation Center in Vienna, Austria, he also is vice president of the Union Internationale des Resistants et Deportes.

Born in Buczacz (now part of the Ukraine), Wiesenthal earned a degree in architectural engineering at the Technical University of Prague in 1932. His architectural career was cut short by the invasion by Soviet and German troops.

A survivor of five Nazi concentration camps, he has
**Inside-Out Organism Provides Clues for Genetic Research**

“A box within a box within a box” is how David L. Kirk sometimes describes the strange world of Volvox, transparent, spherical organisms slightly larger than a sesame seed.

“It’s one of the few organisms you can look into and see three generations at once,” says Kirk, a WU professor of biology who specializes in developmental genetics.

Kirk’s investigation of how genes control reproduction and growth in Volvox, an algae, is supported by two grants totaling $250,000 from the National Institutes of Health. He hopes that knowledge from this and similar studies eventually will provide better guidelines for studying human development and birth defects.

Volvox in its normal state is a fascinating creature. Born and capable of reproduction within two days, it lives in farmers’ stock ponds, roadside drainage ditches, even in the puddle-filled footprints of a cow. Each gel-filled sphere contains two types of cells—"tiny body" cells with flagella which propel it through the water, and large reproductive cells.

In normal development, the reproductive cells enlarge within the parent and begin a series of rapid divisions until they resemble a microscopic head of cauliflower. As the cells begin to differentiate into two types, a strange thing happens. A swastika-shaped slit appears on the surface of the sphere. The slit edges peel back until the entire organism has turned itself inside out.

Kirk is most interested in the abnormal forms of Volvox, and he has isolated more than 50 mutants where this inversion does not occur properly. One doughnut-shaped mutant inverted from both ends at once, while another, resembling a tulip, inverted only halfway through. Sometimes inversion does not take place at all, and the organism remains imobile with its surface flagella trapped inside the sphere.

Analyzing what goes wrong in these cases may enhance understanding of normal developmental controls, Kirk says.

Kirk and his wife Marilyn, a WU biology research associate, sport the letters “VOL-VOX” on their automobile license plate. “We’re not interested in Volvox in itself, but because it is a simple organism to study,” he points out. “When a human embryo develops, literally thousands of things are going on at once. Just describing them all is very difficult; analyzing them is almost hopeless at this point.”

A major question which arises is how do cells know what to become? The patterns in which identical cells in a developing organism differentiate (into blood, skin, nerves, etc.) are extremely critical, Kirk says. Many genes control these steps. An added complication is the recent discovery that genes are not the invariant blueprints of heredity as once thought, but are capable of rearrangement during an organism’s lifetime.

Kirk has found that subjecting Volvox to certain chemicals during its early development causes random mutations. A flash of ultraviolet light, however, can cause one particular mutation in which the organism’s “body” cells later turn into reproductive cells. “This response would be similar to a mouse with skin, hair and muscle suddenly changing into nothing but sperm or eggs,” explains Kirk. "In a sense, it is a cancerous organism which has lost its normal regulation.” The selective appearance of this mutation, he believes, provides a clue to gene rearrangement.

Kirk will lecture on his research at the 40th annual symposium of the Society for Developmental Biology in Boulder, Colo., in June, and at the 13th International Botanical Congress in Australia in August.

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**WU to Host Optical Communications Meeting**

The WU Department of Electrical Engineering will host a major conference on optical communications May 27-29. The meeting is being jointly sponsored by the Department of Commerce’s National Telecommunications and Information Administration. Approximately 120 scientists, business leaders and government officials are expected to attend.

Several WU electrical engineering department faculty will chair sessions in Lopata Hall. They are: Daniel L. Rode, professor; Robert E. Goldwasser, associate professor; and Charles M. Wolfe, professor. James M. McKelvey, dean of the WU School of Engineering and Applied Science, will make opening remarks.

Topics to be discussed include optical communication devices, photodetectors and fiber optic communications. The meeting is being organized by Donald L. Snyder, professor and department chairman; Rode; and Joseph Hull of the National Telecommunications and Information Administration.

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**McHenry—continued from p. 1**

humanitarian policy studies at the Carnegie Endowment for International Peace from 1973 to 1976, when he became a member of President Carter’s transition staff at the State Department.

The author of *Micronesia: Trust Betrayed*, published by the Carnegie Endowment in 1975, he earned the BS degree from Illinois State University in 1957 and the MS degree from Southern Illinois University in 1959. A native of East St. Louis, Ill., he has done postgraduate work at Georgetown University.

**Funds for Young Cancer Researchers Available**

Grant applications are being solicited by the WU Committee on Cancer Research for research proposed for the present year. A limited number of awards can be made for amounts up to $5,000 for basic or applied research related to cancer. Funded by the American Cancer Society, these awards are intended for junior faculty members or research fellows who have no funds with which to carry out pilot studies. For further information contact Elmer Brown, Office of Continuing Medical Education, Box 8063, School of Medicine, or call 454-3372.

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**Donald F. McHenry**
Faculty Notes

William H. Gass, David L. May Distinguished University Professor in the Humanities, left recently for a lecture tour of Germany and Belgium sponsored by the U.S. International Communication Agency.

Gass will speak on "Philosophy, Form and the Future of Fiction" at the universities of Hamburg and Bochum and at the Munich America House. He also will talk on "Representation and the War for Reality" at the Cologne America House before faculty and students from nearby universities.

In Belgium, he will lecture at the Antwerp Instelling and Ghent universities and address members of Ghent's Higher Institute for Translators and Interpreters.

Gass's last stop will be the Catholic University of Leuven, where he will talk to students and faculty.

Hyman Meltzer, professor of psychology and chairman of the WU interdisciplinary PhD program in organizational behavior, spoke on "Counseling the Elderly" at the American Personnel and Guidance Association's annual meeting in St. Louis last month. Meltzer also spoke at the annual meeting of the Pennsylvania Personnel Association May 6. There, he discussed "Fads, Fashions and Facts in Managerial Trends."

Betty Evans White, director of communications at the WU School of Business and Public Administration, received the 1980-81 Western Electric Fund Award for educational innovation in undergraduate business education on May 6. She was honored at a luncheon in Philadelphia sponsored by the American Assembly of Collegiate Schools of Business (AACS). The award includes a $5,000 grant to the school and a $1,000 gift to White in recognition of the program in communications skills which she developed for business undergraduates here.

The WU Department of English helped White set up this unusual curriculum. She is a candidate for the doctorate degree in English at WU.

Betty Evans White

Robert S. Woodward, assistant professor of health care administration at the WU School of Medicine, is one of 40 young professionals in the country selected to receive a fellowship under Class II of the W.K. Kellogg Foundation's National Fellowship Program. The fellows were chosen from some 300 applicants. The three-year fellowships of up to $30,000 allow fellows to travel and attend workshops on international issues in the areas of health, education and agriculture.

Robert C. Williams, Sale are New Chairmen In History, Comparative Literature

Two Arts and Sciences faculty members have been appointed to head their departments effective July 1.

Robert C. Williams, WU professor of history, has been named chairman of the history department, and William M. Sale, acting chairman of the Committee on Comparative Literature since mid-January, has been named chairman of that committee.

Williams, who joined the WU faculty in 1970, succeeds Richard J. Walter, professor of history, who has been chairman since 1977.

Sale, professor of classics and comparative literature since 1975, succeeds William H. Matheson, professor of comparative literature, who will remain as director of graduate studies for the committee.

Williams and Philip L. Cantelon, senior partner of C & W Associates/Historical Consultants, wrote the Department of Energy's official history of its response to the Three Mile Island nuclear accident. Williams also is the author of Russian Art and American Money: 1900-1940.

A member of the Faculty Council from 1978 to 1980, Sale is director of special majors in philosophy and literature. He was chairman of the Department of Classics from 1966 to 1968.

Documentary on Nemerov Airs in June

Howard Nemerov, WU Edward Mallinckrodt Distinguished University Professor of English, is the subject of an upcoming 60-minute documentary produced by KETC-TV, Channel Nine. Now in the final stages of editing, the program, "Howard Nemerov: Collected Sentences," will be telecast at 8 p.m. Wednesday, June 3, and at 9 p.m. Sunday, June 7.

Produced in part with funds from the Missouri Arts Council, this documentary is the first ever done about the life and work of the 60-year-old Nemerov, Pulitzer Prize and National Book Award winner for his poetry.

The documentary focuses on Nemerov in conversations at his home, where he discusses varied topics, including the art and craft of writing, his own methods of writing, trends in contemporary literature, and his life in St. Louis. The program also features Nemerov teaching a WU honors freshman class and reading his poetry before an audience at the Mark Twain Summer Institute in Clayton.

In addition to Nemerov's own views on his life and work, the documentary includes comments from his fellow writers and colleagues, Stanley Elkin and John Morris, professors of English at WU. Pamela Hadas, who teaches English frequently at WU and is herself an accomplished writer, also participates in the program.

Others appearing in the documentary are David Nemerov, the poet's eldest son, WU staff and students, and Brian Taylor, an instructor at the Mark Twain Summer Institute.

The program was produced by Kathleen Corley (MA, '76) and directed by Mark Collier.
Calendar
May 15-21

Friday, May 15
4 p.m. Department of Surgery Lecture, "Thymectomy-The Step from MG to MS." Thomas B. Ferguson, Evarts A. Graham Visiting Professor of Surgery, WohI Aud., 4950 Audubon.
7:30 p.m., WU Gallery of Art Centennial Exhibition Lecture by Horst W. Janson, professor emeritus of fine arts, Institute of Fine Arts, New York University. A reception for the exhibition's opening follows the lecture. WU Gallery of Art, Steinberg Hall Aud.

Saturday, May 16
9 a.m., Department of Surgery Lecture, "Hiatal Hernia Repair-Lecture, with Oscar Ghiglia, Professor of Surgery. East Pavilion Aud., Barnes Hospital Plaza.

Monday, May 18

Tuesday, May 19
4 p.m. Training Program in Immunology and Immunogenetics, "B Lymphocytes: Activation, Long-Term Culture, and Cloning." William E. Paul, chief, Lab. of Immunology, National Inst. of Health. Cori Aud., 4570 McKinley.

Thursday, May 21
Noon, Department of Pharmacology Lecture, "Role of Nerve Impulse Traffic in the Action of Prejunctional Receptors," Thomas Westfall, chairman of pharmacology, St. Louis U. Medical School. Pharmacology Library, third floor, South Building.
4:30 p.m. Phi Beta Kappa Initiation Ceremony. Address by Burton M. Wheeler, WU prof. of English and religious studies and president-elect, WU chapter, Phi Beta Kappa. Steinberg Hall Aud.
8:30 p.m. Hillel Foundation Lecture, "Consequences of the Holocaust," Simon Wiesenthal, writer and hunter of Nazi war criminals. Hillel, 6300 Forsyth.
8:30 p.m. Eliot Honors Convocation, "New Perceptions in U.S. Foreign Policy," Donald F. McHenry, research professor of diplomacy, Georgetown U. School of Foreign Service, and former U.S. representative to the United Nations. Graduating students receiving academic, departmental and honorary citations will be recognized. Graham Chapel.

Exhibitions
"The Centennial Exhibition," commemorating the 100th anniversary of the WU Gallery of Art. Upper, lower and print galleries, WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m., weekdays; 1-5 p.m. weekends, May 15-Oct. 11.
"Bernard Shaw: An Exhibition," Special Collections, Olin Library, level five. 8:30 a.m.-5 p.m. weekdays. Through May 26.
"Anatomic Illustrations: Middle Ages to Modern Times." Medical School Library, main entrance. 8 a.m.-12 p.m. and 1-5 p.m. weekdays; 10 a.m.-5 p.m., weekends. Through June 30.

Music
Sunday, May 17
8 p.m. Department of Music Concert with Oscar Ghiglia, internationally renowned classical guitarist. His program will include solo works by Bach, Sor, Ponce, de Falla and Turina. Edison Theatre. Admission $5; students, $3. Tickets available at Edison Theatre Box Office.

Wiesenthal—continued from p. 1
dedicated his life to documenting the genocide that occurred in Europe under Adolf Hitler and to tracking down its perpetrators. During the last 36 years, he has helped bring to justice over 1,100 Nazi war criminals, including Adolf Eichmann.
Following the war, Wiesenthal gathered and prepared evidence of Nazi atrocities for the War Crimes Section of the U.S. Army and for the Army's Office of Strategic Services and Counter-Intelligence Corps. He also headed the Jewish Central Committee of the United States Zone of Austria, a relief and welfare organization.
He has described his pursuit of war criminals in some of the eight books which he has published. The Simon Wiesenthal Center for Holocaust Studies at Yeshiva University, Los Angeles, Calif., is named in his honor.
Wiesenthal, who holds two honorary degrees, has received many awards, including a special Congressional Gold Medal presented to him by former President Jimmy Carter.

Students Donate Over $8000 Worth of Food
Over $8,000 worth of food has been purchased with contributions from WU students during a food drive sponsored by People Organized for Community Action (POCA).
Food valued at $8,764 will be distributed by the Food Crisis Network, a clearinghouse for 51 area charities.
The drive began on April 23 when students pledged donations from credit remaining on their meal card plans. At the beginning of each semester, students buy a certain amount of credits toward food purchases. As meals are purchased throughout the semester, the credit is reduced automatically, leaving a surplus in some students' accounts at the end of the year. The average pledge was $100.
Meat, canned fruits and vegetables, canned fruit drinks and cereals were among the foods purchased. The largest order was for 577 cans of beef ravioli. Other purchases were made of 122 pounds of hamburger patties, 886 quartered chickens, 98 cans of green beans, 55 cans of sliced carrots, 42 cans of tomato soup, 122 cans of grapefruit juice and 95 boxes of various kinds of cereals. The food was ordered by Professional Food Management, which operates WU food services.
POCA, a community service organization, is a part of the Campus Y. Its members volunteer in several community programs, including the Special Olympics, the health fair of the People's Clinic, 6010 Kingsbury Ave., and the Cass Catholic Worker House soup line in north St. Louis.

Various Research Grants Abroad Available
University teaching and advanced research awards are available under the Fulbright Opportunities Abroad program for 1982-83. Applications are due by June 1 for studies in the American republics, Australia and New Zealand, beginning in March 1982. For mid-April 1982 scholarships in Africa, Asia and Europe, applications are due this July 1.
Applications also are being accepted for advanced research awards in India for 1982-83 under the Indo-American Fellowship Program. The grants are available to post-doctoral and professional researchers in the natural, applied and social sciences, the humanities, and professional areas such as architecture, business, law, medicine, public health, museum work and creative arts. The application deadline is July 1.
For more information on the Fulbright and Indo-American Fellowship programs, call the Office of International Studies, Ext. 5938, on Mondays, Wednesdays or Fridays.

Employee Enrollment
In Insurance Plan High
Seventy-four percent of eligible WU employees have enrolled in WU's new group life insurance plan, which went into effect last July. Currently $220 million of insurance is in force, and $310,000 in claims have been paid to beneficiaries. Representatives of the WU Personnel Office say that the WU plan is superior to other university plans because of its several options, high maximum benefit, and low rates.