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W.U. RECORD

Holocaust Survivor To Discuss Teenage Resistance to Nazis

Jack Eisner, author of *P14461-The Survivor*, a forthcoming autobiography of his experiences as a youth in the Warsaw ghetto, will speak on "Teenage Resistance in the Holocaust" at 11 a.m. Wednesday, April 9, in Graham Chapel. His talk is sponsored by the Student Academic Committee.



Jack Eisner

Eisner, president and chairman of Stafford International Corp., parent firm of Seaton Textile Corp., and Sphinx Import Corp., appreciates the meaning of "survival."

Prior to the Nazi invasion of Poland in 1939, Eisner attended the Warsaw Music

Conservatory. When the Nazis forced built the Warsaw ghetto wall and imposed severe restrictions on the Jewish population, Eisner led a gang of teenage youths who smuggled food, medicine, clothing and money into the ghetto. He was captured and deported to the concentration camps.

Following the war, Eisner was a witness at a trial of Nazi war criminals from the former concentration camp at Dachau, and also assisted the U.S. Counter Intelligence Corps (CIC) in tracking down Nazi war criminals.

In 1962, Eisner founded the Warsaw Ghetto Resistance Organization. He has been the first vice-president of the organization ever since its founding.

He was the executive producer of a documentary film, "Children in the Holocaust." His book will be the basis of a play, expected to be staged on Broadway next fall, and of a movie to be directed by Stanley Kramer.

Eisner's son, Phillip, is a junior in the WU School of Business and Public Administration.

Foremost Family Therapist Will Lead Wortman Institute

Salvador Minuchin, MD, a foremost practitioner and teacher of family therapy, will lead the 1980 Wortman Memorial Institute on Marriage and Family Education. Sponsored annually by the George Warren Brown School of Social Work, the conference will be held April 19 and 20, at the Ramada Inn Westport, 12031 Lackland Ave.

Minuchin's research in family therapy is reported in his books, *Families of the Slum* and *Families and Family Therapy*. For the past seven years, Minuchin has been studying families which include children with psychosomatic illnesses, and his findings are reported in *Psychosomatic Families: Anorexia*

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Elizabeth Eisloeffel, the only student to design costumes for the Edison Theatre main stage, makes final adjustments to a scarlet cloak which she created for a courtier in *The Imperial Nightingale*. (Photo by Peter Zimmerman)

Design Student Fashions Finery For Exotic Far Eastern Fairy Tale

When the emperor and his court need new clothes, who does the designing? For the play *The Imperial Nightingale*, an upcoming Performing Arts Area (PAA) production, the honor went to Elizabeth Eisloeffel, a senior majoring in fashion design in the School of Fine Arts. Eisloeffel, the only student to have designed costumes for PAA main stage productions, has created an exotic wardrobe for the play, which is based on a tale about an ancient Eastern kingdom by Hans Christian Andersen. *Nightingale* will be presented at 8 p.m. April 11 and at 2:30 and 8 p.m. April 12.

Since last fall, Eisloeffel has been designing and constructing cloaks of satin and taffeta for a stern, heartless warlord, robes of crepe and gold lame for the proud emperor, and gowns of crepe-backed satin for the delicate servant girl—a few of the 22 costumes used in the play. She has also designed elaborate headdresses covered with plumes and intricate helmets with retractable visors.

Finding ideas for the exotic costumes took considerable research. For inspiration, Eisloeffel sought out examples of Far Eastern clothing and studied the work of Erte, who designed costumes for the Ziegfeld Follies and the Folies-Bergere during the 1920s.

"The play has no historical basis, so I was free to mix periods and styles of Indian, Chinese, Tibetan and Japanese clothing," she said. "Because the play is a fantasy and the characters are unreal, I was able to design quite fantastic things for them to wear."

Before the costumes were made, Eisloeffel conferred with director Clyde Ruffin, assistant professor of drama, on colors, weights and types of fabrics which would best portray the characters and be comfortable for the actors.

Outfitting the cast at a level of opulence befitting nobility,

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CID Researchers Develop Tool To Study Miniscule Bits of Speech

Researchers at the Central Institute for the Deaf (CID), in collaboration with the WU Biomedical Computer Laboratory (BCL), have developed a computer-based system called a "speech microscope" which makes possible the study of tiny sub-sounds, some as short as a few thousandths of a second, of human speech.

Like all sound, speech is composed of waves that are transformed by the listener's auditory system as neural events in the brain. There is nothing new about using machines, such as the oscilloscope, to study sound waves. But the speech microscope has unique interactive capabilities which offer scientists complete control over a sound wave picture.



CID researchers N. Rao Vemula (left), Randall B. Monsen and Judith Lauter discuss a sound wave picture on the speech microscope's video display unit. (Photo by Peter Zimmerman)

The system records as many as 20,000 speech waves per second, storing the samples on a high-speed computer magnetic disc for display, playback and analysis. It also allows the user to "walk through" a recorded sound, showing a whole syllable at a time, or to "zoom in" to a segment only a few milliseconds long.

"Most of the steps in the speech chain are still mysterious," CID research associate Judith Lauter said. "The sounds we use all the time have not been studied much. In most hearing tests, audiologists use pure tones more often than the complex sounds of everyday speech. We're just beginning to understand speech perception."

Much of the credit for the speech microscope belongs to CID research associate N. Rao Vemula, who spent more than a year developing the computer program at BCL. With the help of Lauter and A. Maynard Engebretson and Randall B. Monsen, assistant professors in the WU Department of Speech and Hearing, Vemula tailored the system into a convenient tool for audiologists with limited computer training.

According to Lauter, the speech microscope could be used to study the particular sounds which may be most troublesome for the hearing-impaired. Another use could be to analyze sounds animals make for communication or survival.

"The system has capabilities beyond our ability to ask questions," Lauter noted. "We don't know if it analyzes sounds in a way similar to the human nervous system, but now we can work at a much higher level of sophistication."

Current research projects involving the speech microscope include Lauter's study of dichotic hearing, and Monsen's investigation of the acoustic filter effects of the ear canal. According to Lauter, only a few systems exist in the nation with interactive capabilities comparable to the speech microscope. Funds for its development were provided by the National Institutes of Health.

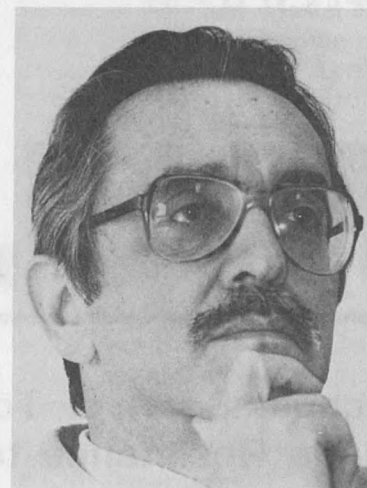
Jill Murray

Therapist—continued from p. 1

Nervosa in Context. He is a professor of child psychiatry and pediatrics at the University of Pennsylvania and director of the Family Therapy Training Center at the Philadelphia Child Guidance Center.

The conference will feature videotapes of clinical interviews, plus a live family interview conducted by Minuchin. Designed to explore both conceptual and practical aspects of family therapy, the conference will seek solutions to complex problems in a systems-oriented manner.

Because of the enormous response from the professional community to this conference, attendance will be limited, and early registration is recommended. Tuition is \$120 for professional practitioners; \$80 for full-time students. This cost covers all sessions and buffet lunch on both days. For additional registration information, call the Wortman Institute directly at Ext. 6636, between 2 and 4 p.m., weekdays.



Salvador Minuchin

Student—continued from p. 1

even within the show's comparatively high budget, required considerable inventiveness.

"Using silks, for instance, is not really practical," she said. "It's not that difficult to find fabric which gives at least the appearance of silk from the stage."



Eisloeffel's illustration for the costume of the wizardess, Black Circle.

For the elaborate designs and the iridescent effects of many of the costumes, however, she painted inexpensive materials with acrylic paints and bronzing powder, turning the fabric of the commoner into the stuff of royalty.

"Nowhere could I have found fabrics like this," she said, referring to a piece of purple velvet resplendently painted with peacock feathers. "And no way I could have afforded them even if I had found them."

For the armor of the reptile-like Green Dragon

Guards, she molded moist buckram, a loosely-woven, plaster-coated material, to the actors' bodies. She built three-inch platform shoes and helmets ridged with bony, saurian plates. The entire costume was then covered with green and purple scales.

Eisloeffel began designing costumes two years ago for a student-written and directed play, *Tricks of the Trade*, which was performed in the Mallinckrodt Drama Studio. She also designed costumes for two PAA main stage productions last year, *You Can't Take it With You* and *Guys and Dolls*.

After graduating in May, Eisloeffel will pack her pins and tape measure and move to Hartford, Conn., where she will produce plays and design costumes for a new theatre company, The American Theatre Ensemble, which she is founding with Jolene Rosequist, Edison Theatre Box Office manager, and Keith Pollick, a WU alumnus.

Denise M. Wolterling



Former Missouri Congressman James W. Symington (left) admires "Forest Fire" with Joseph D. Duffey (center), head of the National Endowment for the Humanities, and Soviet Ambassador Anatoly F. Dobrynin at ceremonies last year when the painting was returned to its mother country after a 75-year odyssey.

Historian's Research for New Book Leads to Recovery of Soviet Art

During a visit to the Anheuser-Busch Brewery in St. Louis in 1971, the curiosity of Robert C. Williams, professor of history, was aroused when he happened to see a 19th-century Tsarist Russian painting, "Forest Fire," by the Russian artist, A. K. Denisov-Uralsky. Williams resolved to find out how and why it came to be displayed in the brewery's hospitality room.

In searching for the answers, Williams accumulated enough information to write a book, *Russian Art and American Money (1900-1940)*, just off the Harvard University Press. He solved the mystery of "Forest Fire," one of 600 Russian works of art displayed at the 1904 St. Louis World's Fair, in a chapter entitled "Unclaimed Merchandise."

Thanks to his detective work, the painting was returned to the country of its origin about a year ago in ceremonies at the Soviet Embassy in Washington, D.C. On that occasion, Joseph D. Duffey, head of the National Endowment for the Humanities, drank a toast with Soviet Ambassador Anatoly F. Dobrynin, and, on behalf of Anheuser-Busch, presented "Forest Fire" to the Soviet government.

Williams' book has been widely reviewed. Robert W. Duffy, art editor of the *St. Louis Post-Dispatch*, ran a major article about Williams and his book on March 2; *The New York Times* published a full-page review on March 9 written by James R. Mellow. Williams' publisher reports that other articles and reviews are slated to run including, perhaps, a condensation of one chapter in the *Wall Street Journal*.

Westmoreland Lectures in Graham Tomorrow

Gen. William S. Westmoreland, former Army chief of staff and head of the U.S. military forces in Vietnam, will lecture at 11 a.m. Friday, April 4, in Graham Chapel. A discussion with Westmoreland will follow at 2:30 p.m. in Mudd Hall Lounge.

Westmoreland went to Vietnam in 1964 to direct the U.S. Military Assistance Program. The nature of his command shifted from advice and assistance to active participation in the war. By 1967, he had emerged as an official spokesman for the Johnson administration, defending U.S. policy in Vietnam. He was named Army chief of staff in 1968 and retired in 1972.

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Sutton To Speak

Tom Sutton, a research associate of Ralph Nader, and an expert on truth in testing legislation, will speak at 8 p.m. tonight in Lambert Lounge, Mallinckrodt Center. The talk is cosponsored by MoPIRG and Student Union.

FACULTY NOTES

Leon E. Ashford, associate director of Special Educational Services, has been appointed to the Missouri State Committee of Psychologists by Governor Joseph Teasdale. The functions of the committee are assessing the credentials of out-of-state practitioners wishing to work in Missouri and investigating reports of practitioner incompetency.

A paperback edition of *A Guide to the Russian Texts of Tolstoy's 'War and Peace,'* by Edgar H. Lehrman, WU professor of Russian, has been released by Ardis Publishers, Ann Arbor, Mich. An exhaustive handbook of notes and references, the guide is for students, teachers and readers of the original text. The hard-bound edition is forthcoming.

Free Pre-Retirement Program Offered

The Family and Children's Service of Greater St. Louis will offer a "Preparation for Retirement" program to WU faculty, administrative and staff personnel who are within ten years of retirement. Spouses are also welcome to attend the free program.

Its goal is to help pre-retirees plan for the changes in life-style which occur with retirement. Sessions will be held on such topics as health care, financial and legal problems

Aaron Rosen, WU professor of social work and psychology in social work, recently gave a paper on "Trends in Doctoral Education in Social Work" at the Southeastern Regional Conference on Social Work Doctoral Programs at the University of Alabama.

George D. Selfridge, dean of the WU School of Dental Medicine, will begin a month-long trip April 26 to the Philippines, Japan, Korea, Hong Kong and Taiwan. As president of the International College of Dentists, Selfridge will attend scientific seminars, visit dental schools and address professional groups, among them, a dental education convention in Manila at which he will give a keynote address.

and social security.

The sessions will be held at 7:30 p.m. on consecutive Tuesday evenings, beginning April 29 at the Brentwood Recreation Complex, 2505 S. Brentwood Blvd.

For further information or an application form, write to Meg Gilmore in the Personnel Office, Box 1184. Because these sessions have filled up quickly in the past, application should be made as soon as possible.



It's a family affair in the WU Department of Computer Science when four sets of brothers and sisters, including three pairs of twins and an engaged couple, gather for classes. Although the freshmen have yet to declare majors, all the rest are studying computer science. From left, back row, are twins Phillip and Paula Bergmann (freshmen); Michael (sophomore) and Cheryl (senior) Ehlers; twins Steven and Robert (seniors) and Kathleen (freshman) Prothero. From left, front, are Katherine Bergmann (junior); Melinda (freshman) and twins Cecile and Camile (first-year graduate students) Stelzer. The engaged couple is Cheryl Ehlers and Steven Prothero. All are from the St. Louis area. (Photo by Peter Zimmerman)

Calendar

April 4-10

FRIDAY, APRIL 4

8:30 p.m. Hillel Foundation Lecture, "The Crisis of Conservative Judaism," Elliott Dorff, prof., U. of Judaism, Los Angeles. Hillel House, 6300 Forsyth.

SATURDAY, APRIL 5

1 p.m. International Office Easter Egg Hunt. A magician will entertain, and punch and cookies will be served to children of WU faculty, staff and students. Sponsored by the Women's Society of WU. Stix International House.

MONDAY, APRIL 7

12:10 p.m. "Bag It With an Administrator," with Chancellor William H. Danforth. Ann Whitney Olin Women's Bldg. Lounge.

1 p.m. WU School of Medicine Neuroscience Symposium, "The Neuromuscular Junction." Erlanger Aud., 4570 McKinley.

4 p.m. Department of Psychology Colloquium, "Altruism and Self-Regulation: Some Research Findings and Implications," Frederick H. Kanfer, prof. of psychology, U. of Ill., Urbana. 102 Eads.

4 p.m. Department of Biology Seminar, "Histones, Chromatin Structure and Gene Expression in *Tetrahymena*," Martin Gorovsky, prof. of biology, U. of Rochester. 322 Rebstock.

5 p.m. Twenty-Fifth George H. Bishop Lecture in Experimental Neurology, "Looking Back at the Neuromuscular Junction," Bernard Katz, prof. of biophysics, University College, London, and Stephen W. Kuffler, University Professor, Harvard Medical School, and Bishop Lecturer Emeritus. Moore Auditorium, 660 S. Euclid.

8 p.m. Department of Germanic Languages and Literatures Lecture, "Goethe's Faust und der Feudalismus," Hans Vaget, prof. of German, Smith College. 320 Ridgley.

TUESDAY, APRIL 8

4 p.m. Department of Biochemistry Lecture,

"Lysosomal Uncoating of Enveloped Viruses," John Leonard, MD, dept. of physiology, College of Medicine and Dentistry of N.J., Rutgers. Erlanger Aud., 4570 McKinley.

4 p.m. Department of Pathology Lecture, "Cellular Population Dynamics in the Liver During Hepatic Regeneration," Joe W. Grisham, MD, dept. of pathology, U. of N.C. 928 McDonnell, 660 S. Euclid.

4 p.m. Department of Physics Colloquium, "A Random Walk Approach to Solving the Energy Problem," Willis Smith, staff member, Energy and National Resources Comm., U.S. Senate. 201 Crow.

WEDNESDAY, APRIL 9

11 a.m. Academic Committee Lecture, "Teenage Resistance in the Holocaust," Jack Eisner, author of *P14461—The Survivor*. Graham Chapel.

3 p.m. Center for the Study of American Business Seminar, "Public Supply of Private Goods," Allan H. Meltzer, prof., Carnegie-Mellon University. 300 Elliot.

4 p.m. Department of Physics Colloquium, "Physics of the Galilean Satellites of Jupiter," Torrence Johnson, Jet Propulsion Laboratory, Pasadena, Calif. 201 Crow.

8:30 p.m. Department of Art and Archaeology and School of Architecture Lecture, "Miro, Picasso and the Spanish Grotesque," Robert Rosenblum, Henry Ittleson, Jr., Professor of Modern European Art, New York U. Steinberg Auditorium.

THURSDAY, APRIL 10

4 p.m. Department of Earth and Planetary Sciences Seminar, "Isotopic Studies of Island Arc and Batholiths and Implications for Crustal Evolution," Donald De Paolo, dept. of earth sciences, UCLA. 102 Wilson.

4 p.m. Center for the Study of Public Affairs Seminar, "Media and Politics," Edie N. Goldenberg, U.S. Office of Personnel Management, Washington, D.C. Lambert Lounge, Mallinckrodt Center.

4:15 p.m. Department of Microbiology Lecture, Jacqueline Reynolds, MD,

Duke U. Cori Aud., 660 S. Euclid.

8:30 p.m. Poetry and Fiction Series Reading. John Knoepfle, prof., Sangamon U., will read his own work. Hurst Lounge, Duncker Hall.



John Knoepfle

Films

FRIDAY, APRIL 4

7:30 and 9:45 p.m. WU Filmboard Series, "Animal House." Brown. \$1.75. (Also Sat., April 5, Brown; and Sun., April 6, 8 p.m., Wohl.)

12 midnight. WU Filmboard Series, "Pom Pom Girls." Brown. \$1. (Also Sat., April 5, midnight, Brown.)

MONDAY, APRIL 7

7:30 p.m. Historical Cinema Series, "Dr. Zhivago." Brown. \$1.25. (Also Tues., April 8, same times, Brown.)

WEDNESDAY, APRIL 9

12 noon. WU Gallery of Art Film, "Round and About Joan Miro." Main Gallery, Steinberg Auditorium.

7:30 p.m. Women's Film Series, "Simplemente Jenny," and "Bush Mama." Gargoyle.

7:30 and 9:45 p.m. WU Filmboard Series, "Amarcord." Brown. \$1.75. (Also Thurs., April 10, same times, Brown.)

Exhibitions

"Joan Miro: The Development of a Sign Language," a major exhibition of 45 paintings, many of which have never been shown before, by the famous Spanish artist. WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m., weekdays; 1-5 p.m. weekends. Through April 27.

School of Fine Arts Master's Thesis Exhibition. Opening reception, 3 p.m., Sun., April 6. Bixby Gallery, 10 a.m. to noon, 1-4 p.m., weekdays. WU Gallery of Art, 10 a.m.-5 p.m., weekdays, 1-5 p.m., weekends. Through April 13.

Music

SUNDAY, APRIL 6

8 p.m. Department of Music Electronic Music Student Concert. Tietjens Hall.

TUESDAY, APRIL 8

8 p.m. Department of Music Student Recital, with Judy Lindstrom, violinist. Women's Bldg. Lounge.

THURSDAY, APRIL 10

8 p.m. Department of Music Graduate Student Recital, with Bruce Carvell, tenor. McMillan Cafeteria.

Sports

FRIDAY, APRIL 4

3:30 p.m. Men's Tennis, WU vs. Central College of Iowa. WU Tennis Courts.

SATURDAY, APRIL 5

9 a.m. Men's Tennis, WU vs. UMSL, WU Tennis Courts.

1 p.m. Baseball Doubleheader, WU vs. McKendree College. Utz Field.

2 p.m. Men's Tennis, WU vs. Parks College. WU Tennis Courts.

TUESDAY, APRIL 8

3 p.m. Baseball, WU vs. SIU-Carbondale. Utz Field.

WEDNESDAY, APRIL 9

3:30 p.m. Men's Tennis, WU vs. Maryville College. WU Tennis Courts.

Correction

The story on vanpooling in last week's *WU Record* should have stated that drivers of vanpools are entitled to the van for personal use "at cost" instead of at no cost.

Student Wins Award

Paul R. Maurath, a WU undergraduate from Springfield, Ill., has been named the Outstanding Junior Chemical Engineering Student this year by the Chemical Council of Greater St. Louis. The council will present Maurath with a \$230 cash award and a plaque at its April 14th meeting. The award is given for scholastic achievement.