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Torch Run. Oscar “Butch” Hartman Jr. paused in front of the gates of Francis Field following his one kilometer run down Forsyth Boulevard on June 6 as a torch carrier for the 1984 Los Angeles World Olympics. In 1904 the field was the site of the Third Olympian Games, the first World Olympics to be held in the Western Hemisphere. Hartman, an environmental sanitarian for the Missouri Division of Health, began his training as a marathon runner on the original 660-yard track used for the 1904 games. This was not the first time Hartman carried a torch for an athletic competition. In 1959, he was one of hundreds of Mexican and American Boy Scouts to run with the torch for the Pan American Games held in Chicago.
Math research in US threatened, Weiss says

Support for mathematics research in the United States has been in a tailspin since 1968 and, if current trends continue, America's international lead in industry and science could be endangered, according to a report issued this month by a National Research Council (NRC) committee.

"Basic science cannot continue in a fruitful way without advances in mathematical theory," says Guido Weiss, WU professor of mathematics and a member of the NRC committee. "Math is the language of all the sciences. Physics, for example, tries to understand the universe through the use of mathematical models. According to the NRC, "as a result of the Congressionally chartered National Academy of Sciences, the influx of graduate talent into the field has slowed drastically. The number of American students receiving doctorates in mathematics has fallen from about 960 in 1968 to less than half that number in 1982."

Weiss cites several reasons for the current crisis. First is the rapid decline in federal funding. Pure mathematical research has traditionally been funded by the Department of Defense (DOD) and the National Science Foundation. But in the late 1960s, Congress intensified its focus on mission-oriented, short-term research which caused the DOD to drop nearly all of its support for pure mathematical research. Moreover, NSF support has not been sufficient to make up the loss.

Second, Weiss blames the siphoning off of would-be mathematics graduate students by the disciplines of applied mathematics and computer science. Third, inflation has hit academia harder than most other areas of the economy, "and in particular, mathematics," says Weiss.

All these reasons add up to the fourth, "The entire profession has become less attractive," says Weiss. "The students can see that their professors aren't as enthusiastic as they once were, that they aren't getting the research support or the respect of those in the other sciences, and all that has an effect on the morale of everyone in the field."

Still, Weiss and the other members of the NRC committee hold a measured amount of hope for the future of mathematics research in America. The report makes note of renewed interest in mathematics research within the federal government and academia. "In mathematics itself and its capabilities for application there is a multitude of major opportunities," says the report, "but the resources, people, and money are not available to capitalize on them."

Multiple sclerosis patients sought for new treatment study

Researchers at WU's School of Medicine are seeking patients with multiple sclerosis to serve as volunteers in a study of hyperbaric oxygen as treatment for the disease.

The research is being directed by John D. Davidson, assistant professor of medicine at WU's School of Medicine and director of the Division of Hyperbaric Medicine at St. Luke's Hospitals. St. Luke's Hospitals have for 10 years had the only hospital facility in the metropolitan St. Louis area for hyperbaric oxygen treatments.

Hyperbaric oxygen is most commonly used to treat cancer patients who have radiation injury, and victims of carbon monoxide poisoning. Preliminary data suggests that it also improves plaques and symptoms of MS patients.

The WU study is being conducted under a $50,000 initial grant from the Edward Mallinckrodt Jr. Foundation, and will use the double blind technique to avoid investigator bias. According to Davidson, this will be the first attempt to use a specific visual technique to measure the effectiveness of hyperbaric oxygen in treating MS. It also will be the first research project to combine hyperbaric oxygen and nuclear magnetic resonance (NMR), a radiation-free method of producing images of the body.

NMR scans will be used at the beginning, middle and end of the study to assess the extent of plagues damaging the nervous systems of MS patients. Participants in the study will receive 20 hyperbaric treatments, five a week for four weeks. For the treatment, patients will be placed in a hyperbaric oxygen chamber and breathed in 100 percent oxygen by two atmospheres, Davidson explained. There is no radiation, no pain and no risk involved for the patient, he added.

The researchers prefer MS patients who have experienced acute changes in symptoms within the last several weeks, but others will be accepted. Those taking part in the study will receive NMR scans and hyperbaric treatments at no charge.

More information about the WU study is available through John D. Davidson at 570-6935.

Michael T. Bodlovich, 20, received a two-year, full-tuition scholarship to WU from the Women's Society of WU at its annual spring luncheon. Donna A. Orchard, then president of the organization, presented the award to Bodlovich. Since 1975, the Women's Society has awarded 20, received

Certificate offered in international development

The International Development Program is offering a first of its kind graduate certificate in international development, in conjunction with programs leading to graduate degrees.

Requirements for the certificate include 15 units of graduate credit in International Development courses and three units in a practicum or research course. For more information, contact Ruth Iyob, Office of International Studies, at 889-5598.

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Joyce Brockhaus, Springfield, Ill., nois Dental Society, May 12-16, in "Muscular Occlusion: The New World of Bio-Medical Instrumentation" at the Department of Civil Engineering, received awards from the WU School of Dental Medicine, professor of fixed prosthodontics at the University of Wyoming, was recently named Outstanding Professor of the Year Award. Basu received the Senior Class Award. Basu is leaving WU to become the first nurse to join the faculty of the WU School of Medicine. She has been named in the Journal of Women's Health of the Department of Psychiatry. She has served since 1985 on the clinical faculty of the department, and she is also a clinical specialist in child psychiatry at Children's Hospital.

Ronald L. Carlson, professor of law, was appointed John Byrd Martin Professor of Law at the University of Georgia in Athens, Ga. Carlson will begin his new position in the fall of 1984.

Marilyn Cohn, director of teacher education in the Department of Education, presented an address, "Excellence in Education: Challenge to Teachers," at the Joint Conference of American Schools of Central America, Mexico, and the Caribbean area. The conference, held April 4-6 in San José, Costa Rica, was comprised of school directors and teachers from that region.

Samuel E. Guyer, chairperson of the Department of Fixed Prosthodontics in the School of Dental Medicine, served as chairperson of the Examining Committee for the Missouri Specialty Board in Prosthodontics in Kansas City this summer. Guyer has served on the board for several years and has been chairperson for the past three years.

Lawrence M. Malec, assistant dean for planning and development at the School of Business, has been appointed to the Archdiocesan Commission for Art and Architecture, an advisory and review board of the St. Louis Roman Catholic Church. The appointment is for a three-year term.

Bruce L. McClearn, professor of radiology and director of the Abdominal Imaging Section at Mallinckrodt Institute of Radiology, was selected to serve a one-year term as secretary-treasurer of the St. Louis Society of Radiologists.

Rita E. Numerof, assistant professor of social work, conducted a day-long workshop on "Managing Stress" in May at St. Anthony's Psychiatric Center. Because of the positive response to the workshop, sponsored by the Center and the Mental Health Association of St. Louis, she will conduct the same workshop in August. The Greater St. Louis Society of Health Education and Training recently honored Numerof with an award for "Outstanding Contribution to Health Care Education and Training.

Martha N. Ozawa, professor of social work, participated in the first "Japan-U.S. Joint Conference on Comparative Studies on Social Welfare Systems in Japan and the United States." The conference, which was funded by the Japan Foundation on Research and Development in Social Welfare, was held at the Japan University of Social Welfare, Tokyo, May 30-31. She is one of six members from three from Japan and three from the United States, to be invited to the conference, which has been funded for two years. The purpose of the conference is to publish a book on the comparative studies.

David A. Peters, chairman of the Department of Mechanical Engineering, was recently named Outstanding Engineering Educator of 1984 by the Missouri Society of Professional Engineers.

Linda Sanford, a shelving clerk in Olin Library, received an Employee of the Year Award from the St. Louis Special School District at the fifth annual Job Placement Service Employer Employee Awards Luncheon on May 9. Gene McNary, St. Louis County Executive, was the luncheon's guest speaker.

Aaron M. Shatzman, assistant dean of the College of Arts and Sciences, and Evan Unger, an assistant in radiology at the Mallinckrodt Institute of Radiology, were recipients of the Nininger Meteorite Award from Arizona State University's Center for Meteorite Studies. The Nininger Meteorite Award is given annually by Dr. and Mrs. H.H. Nininger to generate interest in meteoritics among student scientists.

Internationall Office seeks families to host WU foreign students

The International Office is seeking 50 families to participate in the Host Family Program for the 1984-1985 academic year. The Host Family Program is designed to promote cultural exchange between WU international students and the host families.

Host families do not provide living accommodations for international students, but do invite the students to their homes throughout the year.

"We encourage the host families to include the students in activities like family picnics, trips to the zoo, birthday parties and holiday celebrations," said Diane Hasty, international student advisor and assistant director of the International Office. "The families expose the students to social and cultural experiences that the students probably would never experience on their own."

About 600 foreign students from 77 countries attend Washington University yearly, with some 200 new foreign students enrolling each fall. Families who would like more information on the program may call Jill Hill at 889-5922.

Sutton receives Nininger Award for meteor study

Stephen R. Sutton, a research associate at WU's McDonnell Center for the Space Sciences, has received the Nininger Meteorite Award from Arizona State University's Center for Meteorite Studies. Sutton was awarded $1,000 for his paper on Arizona's Meteor Crater. Sutton's research had long considered the crater to be about 25,000 years old.

A new geological dating technique developed by Sutton, called thermoluminescence, placed the known age of the crater at about 50,000 years.

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CALENDAR

Tuesday, July 10
2 p.m. Personal Computing Education Center Short Course, "Introduction to Computing Facilities." Free to WU community. For registration and location, call 889-8413.

Sunday, July 22
8:30 a.m. Missouri River Float Trip. Cost is $10.50, including canoe rental and transportation. For more info., call 726-6177.

Sunday, July 29
2 p.m. First Street Forum Art Center's Panel Discussion, "Monuments, Sculpture and the Shape of the City." Steinberg Auditorium.

EXHIBITIONS

"Greek Vases." Through Aug. 26. Gallery of Art, print gallery, 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

Fine Arts Institute offers design courses

Courses in wood furniture design, graphic communications and fashion design will be offered this fall through the School of Fine Arts Institute, the evening division of the School of Fine Arts.

Wood Furniture Design will be taught by Ronald B. Diefenbacher, a local designer and builder of hardwood furniture, whose work was exhibited at Craft Alliance Gallery in 1985. His students will construct the pieces they have designed. The class will meet Sept. 4 to Dec. 11 on Tuesdays and Thursdays from 6:30 to 9:30 p.m. at the Lewis Center (formerly the Ward Building), 725 Kingsland Ave., University City.

Courses leading to a Graphic Communications Certificate include: Basic Drawing, Basic Design, Introduction to Graphic Communication, Color Photography I, B & W Photography I, Video, Graphic Design, B & W Illustration, and Production Techniques.

EXHIBITIONS

"Core Exhibition," freshmen and sophomore drawing and design. Through July 29. Bixby Gallery, 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.

"100th Anniversary of Huckleberry Finn." Through Aug. 15. Olin Library, third level. Regular library hours.

"Dame Ivy Compton-Burnett: A Centennial Exhibition." Through Sept. 25. Gallery of Art, upper and lower galleries, 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

Calendar Deadline

The deadline to submit items for the Aug. 2-Sept. 8 calendar of the Washington University Directory is July 29. 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’s name and identification and the title of the event; also include your name and telephone number. Address items to King McElroy, calendar editor, Box 1142.

Memorial service to be set for Leroy Boling

Leroy Robb Boling, dean emeritus and professor emeritus at the School of Dental Medicine, died June 21, 1984, at Barnes Hospital, following a long illness. He was 79.

Dr. Boling joined the faculty of the dental school in 1930 and was named professor of anatomy in 1944. He served at the dental school as secretary of the faculty, registrar and assistant dean at various times. He was named dean of the School of Dental Medicine in July 1953 and retired as dean in October 1967.

He was a Fellow of the American College of Dentists, an associate member of the American Dental Association and an honorary member of the St. Louis Dental Society. After his retirement, he was active in the American Dental Association Vietnam Project. He served as advisor to the Faculty of Dentistry and consultant in basic sciences to the University of Saigon from 1969 to 1971.

A native of Willapa, Washington, Dr. Boling graduated from Linfield College in Oregon and received his doctorate in anatomy from Washington University in 1935.

Dr. Boling is survived by his wife, Edith Stone Boling, a niece, Landra Lee Strother of Eugene, Oregon; and two nephews, Kevin Boling of Eugene, Oregon, and John Boling of Seattle, Washington.

A memorial service will be held at the University’s Graham Chapel in August on a date to be announced.

New name, degree for engineering department

The Department of Technology and Human Affairs changed its name to the Department of Engineering and Policy on June 1. While the name of the department will change, there will be no changes in the names of the undergraduate or graduate degrees.

In addition, a new degree—Masters in Science in Engineering and Policy—has been established. Study for this degree program will focus on policy-relevant problems that incorporate significant engineering components.

"A change such as this is a serious step," says William P. Darby, acting chairman of the department. "Other university’s with similar programs have come to accept the name 'Engineering and Public Policy.' It provides a close identification with these other departments but places us in a more flexible position."