

Announcements

Illinois Institute of Technology has established a **metropolitan studies** center, effective with the fall semester. The center will offer a program of class work and research in social sciences, engineering, and architecture, designed to "enable people to cope with the more pressing problems of modern living." Edward M. Levine, associate professor at I.I.T., has been appointed acting director of the center.

A Mechanical Reliability Research Center has been established at the Battelle Memorial Institute, Columbus, Ohio. Its stated objectives are to improve techniques for predicting reliabilities of mechanical systems and to establish methods for incorporating reliability criteria into design processes. Emphasis is on methodology rather than on solving specific problems or generating data. The project is supported by the institute. Interested industrial companies are invited to participate in the program. (A. A. Mittenbergs, project director, Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio)

The University of Miami medical school plans a graduate program in **radiology**, beginning in September, under a grant from the U.S. Public Health Service's radiological health division. It will offer the M.S. degree in radiological health and radiological physics; emphasis will be on the biological effects of radiation and its public health implications. Maxwell Dauer, radiology professor at the university and radiation physicist at Jackson Memorial Hospital, will direct the program.

Fellowships are being offered which include tuition, fees, and annual stipends of from \$3000. Further information is available from the University of Miami Graduate School, Coral Gables, Florida.

Courses

Analytical Engineering Laboratories, Inc., plans a course in gas and thin-layer **chromatography**, in Stratford, Conn., the week of 7 October. Both experts and beginners in the practice of chromatography are eligible to participate; advance registration is required. (Analabs, P.O. Box 5215, Hamden 18, Conn.)

An advanced course in **interpretation of complex arrhythmias** is scheduled 2-7 December at the Michael Reese Hospital, Chicago. The program is intended for experienced electrocardiographers and is limited to 30 participants. (Miss D. Adler, Office of Medical Education, Michael Reese Hospital and Medical Center, Chicago 16, Ill.)

A 1-week course in **maintainability** will begin 23 September in New York, for defense contractors and government agencies. The course will include factors affecting maintainability and availability, statistical methods, preventative maintenance and overhaul, and U.S. government specifications and requirements. (S. Calabro, Aerospace Technology Corp., 666 Fifth Ave., New York)

George Washington University has scheduled a course in **space power systems** 14-25 October. The course will present a quantitative introduction to the problems associated with the generation of power in space; it will feature morphological and systems engineering aspects. Applicants must hold a bachelor's degree in engineering or science, or have special permission from the instructor. The course fee is \$350, plus \$192 for housing. (College of General Studies, George Washington University, Washington 6)

Meeting Notes

The American Meteorological Society is soliciting papers for presentation at the fifth conference on **applied meteorology**, 2-6 March, in Atlantic City, N.J. The main theme of the conference is the atmospheric problems of aerospace vehicles. Deadline for receipt of abstracts: 15 October. (F. A. Berry, E. Bollay Associates, Inc., 1715 State St., Santa Barbara, Calif.)

Argonne National Laboratory is the site of an international conference on **nuclear physics** with reactor neutrons 15-17 October, sponsored by the American Physical Society. Topics to be discussed include fundamental properties of the neutron, precision measurements and experiments with Capture γ -ray spectra, neutron cross sections, and fission studies. Deadline for receipt of abstracts and summaries: 1 October. (F. E. Throw, 203-F169, Physics Div., Argonne Natl. Laboratory, Argonne, Ill.)

A conference on the methods of preparing and storing **marked molecules** will take place 13-16 November in Brussels, Belgium. The program will center around organic chemistry, biosynthesis, and radiochemistry, with emphasis on methods of autoradiolysis of marked compounds and processes for prolonging the storage period for molecules of high specific activity. (J. A. Erlewine, U.S. Atomic Energy Commission, U.S. Mission to the European Communities, 23 Avenue des Arts, Brussels, Belgium)

A call for papers has been issued for the joint **computer** conference scheduled 21-23 April, in Washington. Subjects for papers include developments, surveys of techniques and applications, and information processing. Five copies of the complete draft are required. Deadline: 25 October. (J. Roseman, C-E-I-R, 1200 Jefferson Davis Highway, Arlington 2, Va.)

Publications

A guide to East European **scientific and technical literature** is available at no charge from the National Science Foundation. It includes information on the availability, procurement, and translation of publications in the physical, biological, and some social sciences, along with an annotated list of 440 East European scientific and technical periodicals. The bibliography was compiled by the Battelle Memorial Institute, with NSF support. (Printing and Publications Office, NSF, 1951 Constitution Ave., Washington 25)

The World Meteorological Organization has released on microfilm IGY data on **physical meteorology**. The 16-mm films include reports on atmospheric chemistry, evaporation, and evapotranspiration, and atmospheric electricity. Further information and lists of the films are available from the Secretary General, WMO, 41 Ave. Giuseppe Motta, Geneva, Switzerland.

Approximately 85 million visits are made annually to medical facilities for individual **medical x-rays**, according to a recent U.S. Public Health Service report. Dental x-rays accounted for an additional 49 million visits. The 57-page publication is based on a "continuing household interview" survey of a cross section of the civilian, noninstitu-

tionalized population of the U.S. It is conducted for the PHS by the census bureau. Information provided in the report helps revise estimates of the total radiation dose received from medical and dental exposure. (*Volume of X-ray Visits*, Superintendent of Documents, GPO, Washington 25. 40¢)

The nutrition department of the NIH Clinical Center has published its revised **diet manual**. The 121-page booklet is intended for hospital centers whose activities are largely devoted to research. It tells of general diet procedures and includes charts, tables, daily allowances, formulas, and special diets. (*Clinical Center Diet Manual*, PHS Publ. No. 989, Superintendent of Documents, GPO, Washington 25. 70¢)

The Engineering Manpower Commission has released a report entitled "**Salaries and Income of Engineering Teachers, 1962.**" The 52-page publication is a supplement to a larger survey, "Professional Income of Engineers—1962"; it gives a more detailed analysis of income for teachers in the field. Copies of the report are available from the Commission (345 E. 47 St., New York 17. 35¢)

Scientists in the News

John W. Oswald, a vice president at the University of California, Berkeley, has been named president of the University of Kentucky, effective 1 September.

Dorothy M. Powelson, formerly senior staff microbiologist at the Stanford Research Institute, has become associate professor in the department of biological sciences at the University of Delaware, Newark.

Edgar L. Ralston, of the University of Pennsylvania, has been named professor and chairman of the department of orthopedic surgery at the university.

Herbert I. Fusfeld, formerly director of research at the American Machine and Foundry Company, has been appointed director of research at Kennecott Copper Corp.

Algernon S. Badger, former manager of the apparatus development laboratory at Dresser Electronics, has been named technical director of Test Equipment Corp., Houston, Texas.

Gerald T. Perkoff, formerly associate professor of medicine at the University of Utah, has been appointed chief of the Washington University Medical Service at St. Louis City Hospital.

Norman Wright, deputy director of the United Nations Food and Agriculture Organization, was knighted in recent birthday honors. He will become secretary of the British Association for the Advancement of Science 1 October.

The new editor of the *Journal of Occupational Medicine* is **Robert B. O'Connor**, vice president for health services at U.S. Steel Corp., Pittsburgh, Pa.

Kenneth S. Cole has taken leave of absence as chief of the laboratory of biophysics, National Institute of Neurological Diseases and Blindness, to act as regents professor of medical physics at the University of California, Berkeley, for the 1963–64 academic term.

A Russian and an American scientist will share the 1963 Atoms for Peace award. The recipients will be **Vladimir I. Veksler**, academician of the U.S.S.R. Academy of Sciences and chairman of the Commission on High Energy Physics of the International Union of Pure and Applied Physics, and **Edwin M. McMillan**, director of the Lawrence Radiation Laboratory and professor of physics at the University of California, Berkeley. Each will receive a gold medal and will share the \$75,000 honorarium for their separate work which led to the design of the synchrotron. The awards will be presented 24 October during the National Academy of Sciences meeting in Washington.

The Atoms for Peace award was established by the Ford Motor Company Fund in 1955, to recognize each year an individual or organization which has made "the greatest contribution to the peaceful uses of atomic energy." Previous awards have been presented to the late Niels Bohr, George C. deHevesy, Eugene Wigner, Leo Szilard, Walter H. Zinn, Alvin Weinberg, and Sir John Cockcroft.

The new director of research of Laboratories RCA, Inc., in Tokyo, is **Maurice Glicksman**, of RCA's Princeton, N.J., research laboratories. He succeeds **Martin C. Steele**, who will return to the David Sarnoff Research Center.

The Torald Sollman award in pharmacology has been presented to **Bernard B. Brodie**, chief of the Laboratory of Chemical Pharmacology at the National Heart Institute. The \$2500 prize is sponsored by the Wyeth Laboratories and the American Society for Pharmacology and Experimental Therapeutics.

Walter S. Flory, professor of experimental horticulture at the University of Virginia, has been named Babcock professor of botany at Wake Forest College, Winston-Salem, N.C., effective 1 September.

Albert H. Bowker, dean of the graduate division at Stanford University and president-elect of the American Statistical Association, has been elected chancellor of the City University of New York.

William V. Mayer, professor of biology and associate dean of the college of liberal arts, Wayne State University, has been named associate director of the Biological Sciences Curriculum Study, at the University of Colorado. He will serve 1 year, beginning 1 September.

Walter F. Hiltner, chief of the space propulsion unit, Boeing aerospace division, has been named director of the Pacific Science Center, Seattle, Washington.

James L. Meriam, engineering mechanics professor at the University of California, Berkeley, will become dean of the Duke University college of engineering, 1 September.

Recent Deaths

Harry A. Curtis, 79; former member of the board of directors at Oak Ridge Institute of Nuclear Studies; 1 July.

Claude M. McFall, 83; a founder of the medical school at U.C.L.A. and former anatomy professor at George Washington University; 4 August.

Will V. Norris, 69; retired professor of physics, Portland State college; 16 July.

Harry Shay, 65; director of the Fels Research Institute and clinical professor of medicine, Temple University; 30 July.

Joseph E. Smadel, 56; chief of the laboratory of virology and rickettsiology at the NIH division of biologics standards; 21 July.