

## Announcements

Education and World Affairs (EWA), a nonprofit organization to help colleges and universities improve their effectiveness in **international affairs**, has been established in New York. The organization was formed in response to recommendations of the Committee on the University and World Affairs (the Morrill Committee). Its plans call for investigation of the possibilities for service to foreign students in American schools, educational development abroad, world affairs in undergraduate curriculums, and international activities in science and engineering. EWA is headed by William W. Marvel, formerly an executive associate in the international affairs program of the Carnegie Corporation; it is sponsored by the Ford Foundation and the Carnegie Corporation of New York. Information about the organization is available from EWA, 522 Fifth Avenue, New York 36.

A state university devoted to an academic program for the junior and senior years and to graduate work, is under construction in Boca Raton, Florida. **Florida Atlantic University** is scheduled to admit its first class in September 1964; its program will emphasize the humanities, social sciences, natural sciences, and mathematics.

A program leading to the **doctor of criminology** (D. Crim.) degree has been established at the University of California in Berkeley. Research and classroom instruction will be offered centering around the etiology of crime, law enforcement, correction and rehabilitation, and criminalistics (detection). The program is designed for training in "criminological and correctional administration, research and education." (J. D. Lohman, Dean, School of Criminology, Univ. of California, Berkeley)

The University of Tennessee, Knoxville, has established a department of **biochemistry**, with emphasis on pre- and postdoctoral programs. The head of the new department is Kenneth J. Monty, former biology professor at the McCollum-Pratt Institute, Johns Hopkins University.

An information center on **international physics** activities is being established by the American Institute of Physics, New York. It will be sponsored

during its first year by the AIP and the National Science Foundation; it is directed by Elmer Hutchisson, director of the Institute. The center will be a clearinghouse to provide U.S. physicists with information on current foreign research and development, and on overseas organizations and their scientific staffs. For further information, contact E. Hutchisson, AIP, 335 E. 45 St., New York 17.

### Courses

**Energetics in metallurgical phenomena** is the theme of a seminar scheduled for 10 June to 2 August at the University of Denver. The lecture and discussion program is designed to provide a basic understanding of the behavior of materials from the standpoint of the energy changes involved. Attendance is open at no charge, but a letter of intent to attend is requested. Stipends are available; postdoctoral recipients will receive \$100 per week, with \$15 per week for each dependent, and weekly allowances of \$50 will be offered to predoctoral participants. The stipends include up to \$100 for travel. (W. M. Mueller, Dept. of Metallurgy, Univ. of Denver, Denver 10, Colo.)

Courses leading to doctor's and master's degrees in **hydrodynamics** of submerged bodies are offered by Pennsylvania State University's aeronautical engineering department and ordnance research laboratory. The program is sponsored by an Office of Naval Research grant. (G. F. Wislicenus, Dept. of Aeronautical Engineering, Pennsylvania State Univ., University Park)

A course in **random vibration** will be presented 1-12 July at Massachusetts Institute of Technology. The program is designed to survey recent developments in vibratory systems subjected to stochastic excitations, and will emphasize rocket-boosted vehicles. (Director of the Summer Session, Room 7-103, Massachusetts Institute of Technology, Cambridge 39)

Programs leading to the degrees of **master and doctor of engineering** will be inaugurated in September at Dartmouth College. Prerequisites for the course include a bachelor's degree in engineering science, physics, mathematics, chemistry, or government. (M. Tribus, Thayer School of Engineering, Dartmouth College, Hanover, N.H.)

### Publications

A 32-page report summarizing the reasons for the American Cancer Society's policies regarding **tobacco and health** is available free of charge from the society. The booklet details the ACS views on the evidence of a relationship between cigarette smoking and the increased incidence of lung cancer, and discusses several dissenting opinions. (*Cigarette Smoking and Cancer*, ACS, 521 W. 57 St., New York 19)

Commenting on the publication, George V. Allen, president of the Tobacco Institute, an industry-supported association, says that scientists are of varying opinions on the causes of lung cancer. He feels that "more must be learned before it will be known whether any of the factors now under study has a role in causation and, if so, whether that role is direct or indirect, primary or incidental." Information on the tobacco industry's position is available from the institute. (808 17 St., NW, Washington 6)

*Angéologie*, an international publication dealing with diseases of the **blood vessels**, now has a U.S. member on its editorial board. Scientists in the U.S. and Canada who wish to submit papers to the magazine may now send them to Donald F. M. Bunce, Department of Physiology, College of Osteopathic Medicine and Surgery, Des Moines, Iowa. Papers may be written in English or French.

The National Center for Atmospheric Research has begun publication of the **NCAR Quarterly**. It covers the center's research and facilities, and discusses broad problems confronting the atmospheric sciences as a whole. (Available on request. NCAR, Boulder, Colo.)

A 23-page listing of "**Nuclear Reactors Built, Being Built, or Planned in the United States**" is available free of charge from the U.S. Atomic Energy Commission. Listings are published semiannually, and include civilian (domestic), military, production, export, and critical assembly facilities. [Division of Technical Information Extension, AEC, P.O. Box 62, Oak Ridge, Tenn. TID-8200 (7th Rev.)]

A recent report by the President's Science Advisory Committee (PSAC) specifies the responsibilities of the technical community and of the federal government in **transferring technical**

**information.** The report is the result of a 1-year study by the 12-member PSAC Panel on Science Information, headed by Alvin M. Weinberg, director of the Oak Ridge National Laboratories. The 52-page publication is available from the Government Printing Office. (*Science, Government, and Information*, Superintendent of Documents, GPO, Washington 25. 25¢)

A record of the latest hearings on the **atomic energy** industry has been released by the Joint Committee on Atomic Energy. The 475-page book contains testimony by members of the Atomic Energy Commission, Office of Science and Technology, Federal Power Commission, Department of Interior, and the National Academy of Sciences.

The hearings are conducted annually under provisions of Section 202 of the Atomic Energy Act of 1954. This year they were held in two stages: 20–21 February and 2–4 April. (*Development, Growth, and State of the Atomic Energy Industry*, Part 1; Superintendent of Documents, GPO, Washington 25. \$1.25)

A series of studies on aspects of college life, entitled **Campus Cultures**, is available from the Western Interstate Commission for Higher Education (WICHE). The lectures were presented at the fourth annual institute on college self-study held last July at the University of California, Berkeley. It was sponsored jointly by WICHE, the university's Center for the Study of Higher Education, and the committee on personality development of the Social Science Research Council. Topics covered include student and faculty cultures, administration, and contrasts between the approaches of U.S. and British educators to comparable campus problems. The appendix contains "The English Idea of a University," which was included among the background materials given to participants of the institute. (WICHE, Fleming Law Bldg., University of Colorado, Boulder)

More **federal aid for nursing** is recommended in a report released last month by the U.S. Public Health Service. The report, made by the Surgeon General's consultant group on nursing, urges increased federal aid for nurse recruitment, for construction of facilities, scholarships and loans for student nurses, and expansion of the existing PHS assistance programs for advanced

training of nurses. (*Toward Quality in Nursing: Needs and Goals*; Superintendent of Documents, GPO, Washington 25. 70 pp., 50¢. PHS Publ. No. 992)

A 10-page booklet, "**Policies Governing the Research Career Program of the National Institutes of Health**" has been published by NIH. It describes the terms and requirements for the career and development awards offered by the Institutes. (Div. of Research Grants, Bldg. 31, Rm. 1-B-34, NIH, Bethesda 14, Md.)

## Films

**Electrochemical Reactions:** concepts of ionization as applied to electrochemical cells; includes operation of voltaic and electrolytic cells, and electroplating.

**Electromagnetic Induction:** relationship between electricity and magnetism, and the application of electromagnetic induction in generators, electric motors and induction coils.

**Electrostatic Charges and Forces:** basic principles of electrostatics, including detection and measurement of electrostatic charges; uses a model of the Van de Graaf generator to show how Faraday's principles form the basis for operation of an atom smasher. (Each of the films is 13½ minutes long and costs \$150, color, or \$75, black and white.)

(Coronet Instructional Films, 65 East South Water St., Chicago 1, Ill.)

**Food for Peace;** 14 minutes; \$50, or free loan (postage only); the world's ability to produce enough food for future generations; tells the story of the "food for peace" program. (American Society of Agronomy, 677 S. Segoe Rd., Madison 11, Wis.)

**The Many Faces of Argonne** (62 minutes, color, No. ANL-MP-730-36, free loan). Goals and activities of Argonne National Laboratory; shows the organization's basic and applied research activities in the physical and life sciences and the development of radiation sources and power reactors. (Argonne National Lab., 9700 S. Cass Ave., Argonne, Ill.)

**DNA: Molecule of Heredity.** 16 minutes, color, \$180 (No. 1825); \$90 (No. 1826); reasons that deoxyribonucleic acid is the basis of growth and reproduction and the mechanism for trans-

mitting hereditary factors from one generation to the next.

**The Earth in Motion** (11 minutes, B&W, No. 109, \$60). The earth as an astronomical body, its relation to the sun, motion.

**Fundamentals of the Nervous System.** 17 minutes, color \$180 (No. 1554); \$90 (No. 1555); explains how the two major divisions of the nervous system convey external information to the brain, coordinate this information with present and past experience, and cause adaptive behavior.

**Plankton and the Open Sea.** 19 minutes, color, \$210 (No. 2009); \$105 (No. 2010); importance of plankton organisms to marine food chains; shows how plankton are studied in both floating and land-based laboratories.

(Encyclopaedia Britannica Films, Inc., 1150 Wilmette Ave., Wilmette, Ill.)

## Meeting Notes

The second international conference on **congenital malformations** is scheduled for 15–19 July in New York. Sponsored by the National Science Foundation, the meeting will include sessions on cytogenetics, cell genetics, genetic variations, gene action, developmental mechanisms, and human congenital defects. (Secretariat of the conference, Rm. 3013, 120 Broadway, New York 5)

**Scientists on Survival**, an organization formed to encourage interdisciplinary studies of peace and disarmament, will hold its second annual congress 14–16 June at the Hotel Biltmore in New York. Participants will include Hans A. Bethe, Herman Kahn, Bernard T. Feld, Sir Robert Watson-Watt, Amitai Etzioni, H. Bentley Glass, Thomas Schelling, and Karl W. Deutsch. The congress is open to the public. The registration fee is \$5 before 9 June and \$7.50 at the hotel. (Scientists on Survival, 21 Washington Place, New York 3)

Papers are invited for presentation at the American Association of **Poison Control** Centers annual meeting, 6 October, in Chicago, Ill. The meeting will include business sessions, research papers, and reports on clinical and public health aspects of acute poisoning. Deadline for receipt of abstracts: 15 August. (J. R. Christian, Div. of Pediatrics, Presbyterian-St. Luke's Hospital, Chicago 12, Ill.)

## Scientists in the News

The new chairman of the AAAS Commission on Science Education is **Paul B. Sears**, professor emeritus of biology at Yale University. **Arthur H. Livermore** has been granted leave of absence from Reed College's department of chemistry to serve as deputy chairman, effective 20 June.

**Stuart Ridgway** has been appointed technical director of General Technology Corporation, Torrance, Calif. He was formerly on the staff of the research laboratory, Ramo-Wooldridge Corp.

**Eli S. Goldensohn**, former associate professor of neurology at Columbia University's College of Physicians and Surgeons, has been appointed professor of neurology at the University of Pennsylvania's medical school.

**Clarence L. Winder**, director of the University of Southern California psychological clinic, has been appointed chairman of the department of psychology, Michigan State University. He will take office 1 July.

**Philip L. Harris**, director of the biochemistry laboratories at Distillation Products Industries, Rochester, N.Y., has been named director of the division of nutrition at the U.S. Department of Agriculture, effective 17 June.

**James N. Neel, Jr.**, formerly executive director of the Kentucky Atomic Energy Authority, has been appointed coordinator of nuclear development at Ashland Oil and Refining Company, Ashland, Ky.

**Clarence H. Graham**, psychology professor at Columbia University, has been awarded the Edgar D. Tillyer medal for 1963 by the Optical Society of America.

**Fred W. Wolcott**, formerly with the aeronutronic division of Ford Motor Company, has become head of the newly formed systems engineering directorate at Research Analysis Corporation, Bethesda, Md.

**Cornelius J. O'Donovan**, former director of medical research at Merck Sharp & Dohme Research Laboratories, West Point, Pa., has become vice president for research and medical affairs at the Ames Co., Elkhart, Ind.

**Joseph E. Rall**, formerly chief of the clinical endocrinology branch, National Institute of Arthritis and Metabolic Diseases, has been appointed director of intramural research at the institute.

**Robert B. Lindsay**, physics professor and dean of the graduate school at Brown University, has been awarded the Acoustical Society of America gold medal, for his "major contributions to the knowledge of physical acoustics."

The new president of the Association of American Physicians is **Carl V. Moore**, Busch professor and head of the department of medicine at Washington University medical school, St. Louis, Mo.

**Leo Steg**, manager of the space sciences laboratory at General Electric's missile and space division, has become editor of the *AIAA Journal*, monthly publication of the American Institute of Aeronautics and Astronautics.

**Buell W. Beadle**, former manager of Midwest Research Institute chemistry and chemical engineering division, has become executive director of research and development at Consumers Cooperative Association, Kansas City, Mo.

**Oswald Tippo**, provost of the University of Colorado, has been named professor of biology and executive dean of the liberal arts colleges and graduate school at New York University, effective 1 September.

**Gilbert J. Parfitt**, dentistry professor at the University of Alabama, has been named head of the department of oral medicine at the University of British Columbia's newly established faculty of dentistry.

Rensselaer chemistry professor **George J. Janz** has been named chairman of the institute's chemistry department, effective 1 July. He will succeed retiring chairman **John B. Cloke**.

**Leonard T. Skeggs**, chief of the biochemistry section, Veterans Administration Hospital, Cleveland, Ohio, has been awarded the Van Slyke Medal for 1963. The award is sponsored by the New York-Metropolitan section of the American Association of Clinical Chemists; it cites Dr. Skeggs for his work on the biochemical factors involved in renal hypertension.

**Judson T. Shaplin**, acting dean of the Harvard Graduate school of education, will become professor of education and director of the graduate institute of education at Washington University, St. Louis, Mo., effective 1 July. He will succeed **Robert J. Schaefer**, who has been named dean of the Columbia University Teachers College.

**Mary H. Mandels**, microbiologist at the Quartermaster Research and Engineering Center, Natick, Mass., has received the Research Directors award at the center for her discovery of natural enzyme inhibitors in plants.

**Francis O. Schmitt**, biology professor at Massachusetts Institute of Technology, has been named to receive the T. Duckett Jones memorial award for his "contributions to our knowledge of the fine structure and properties of tissue components . . . nerve and muscle."

**Don R. Swanson**, a physicist at Thompson Ramo Wooldridge, Canoga Park, Calif., has become dean of the Graduate Library School of the University of Chicago.

**Seymour S. Cohen**, biochemistry professor at the University of Pennsylvania school of medicine, has been named Hartzell professor and dean of the department of therapeutic research at the university. His appointment is effective 1 July.

President-elect of the International Association for Dental Research is **Martin A. Rushton**, professor of dental medicine at the University of London, England.

**George H. Schneller**, director of project coordination at Wyeth Laboratories, has been appointed to the newly established post of director of pharmacy research and development at the Laboratory.

The new president of the American Society for Engineering Education is **Kurt F. Wendt**, dean of the University of Wisconsin college of engineering. He will take office 1 July.

**Berwind N. Kaufmann**, associate professor of medical genetics at the University of Mississippi medical school, has been named professor and chairman of the anatomy department, Hahnemann Medical College and Hospital, Philadelphia, Pa., effective 1 July.