

New Society Directory Being Compiled by Academy

The National Academy of Sciences—National Research Council has announced that the seventh edition of *Scientific and Technical Societies of the United States and Canada* is now being compiled. The sixth edition was published in 1955.

Questionnaires have been mailed to approximately 2000 societies, and publication of the directory is scheduled for late 1960 or early 1961. This, like earlier editions, will represent a joint effort of the United States' National Academy of Sciences—National Research Council and the National Research Council of Canada.

Coverage in the directory will be limited to national and local professional membership organizations. Trade associations and institutions composed principally of paid staffs will not be included.

United States societies wishing to be included in the directory are asked to notify the Librarian of the National Academy of Sciences—National Research Council, 2101 Constitution Ave., NW, Washington 25, D.C. Canadian societies should contact Mr. Robert A. Lay, Public Relations Office, National Research Council, Ottawa 2, Ontario. The final acceptance date for information about a society is 15 July.

Foundation Surveys American Scientists

Last month about 250,000 scientists began reporting professional and economic data about themselves for the National Science Foundation's 1960 National Register of Scientific and Technical Personnel. Simultaneously, the foundation released data compiled from registration figures for 1956–58.

The median annual salary of U.S. scientists in 1956–58 was \$7900. The 1958 National Register survey shows that scientists in chemical engineering and the medical sciences had the highest median salary (over \$10,000), while those in the agricultural and biological sciences had the lowest, with median salaries below \$7000.

About 137,000 full-time employed scientists reported in 1956–58. Almost half were in private industry or were self-employed, 28 percent were employed by educational institutions, and 14 percent were civilian employees of the federal government.

The median age of scientists reporting in 1958 was 38 years. About half were engaged in research and development activities and 16 percent in teaching.

Those in management or administration had the highest median salary (\$11,000), those in teaching the lowest (\$6500).

Eight national scientific societies are cooperating with the National Science Foundation in the registration of scientists—the American Chemical Society, American Geological Institute, American Institute of Biological Sciences, American Institute of Physics, American Mathematical Society, American Meteorological Society, American Psychological Association, and Federation of American Societies for Experimental Biology. It is hoped that scientists who do not receive questionnaires will contact the scientific society most appropriate to their specialties, so that they may be included in the National Register.

News Briefs

AMSOC Albatross Award. The third Albatross Award of the American Miscellaneous Society will be made in Helsinki, Finland, while the International Union of Geodesy and Geophysics is in session, 26 July to 6 August. The award consists of a stuffed, mature Laysan albatross (*Diomedea immutabilis*) with the names of the winners inscribed on the mounting base. It is given for the most unusual contribution to oceanography. The second Albatross Award was presented to Walter Munk at the International Oceanographic Congress held in New York in August 1959. The winner may keep the Albatross only until the next recipient is chosen. Announcement of the third award will be made in Helsinki.

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Religion and science. The Institute on Religion in An Age of Science will hold its 7th annual conference at Star Island, N.H., 30 July–6 August. The theme of this year's conference is "Toward An Integration of Religion and Psychological Concepts on Man." Invited addresses will be given by David Bakan, Ralph Burhoe, L. K. Frank, O. H. Mowrer, Gene Nameche, Ira Progoff, and Joseph R. Royce. In addition, institute members A. G. Huntsman, Harlow Shapley, Huston Smith and others will participate as seminar

and discussion leaders. Burhoe and Royce are serving as co-chairmen of this year's conference, with assistance from W. H. Clark. For information write to Ralph Burhoe, Executive Officer, American Academy of Arts and Sciences, 280 Newton St., Brookline 46, Mass.

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Biophysics training. A recent survey of biophysics training programs in the United States and Canada showed that at least 51 institutions have such a program and that five others expect to initiate programs in the near future. Thirty-two of the institutions reporting offer advanced degrees in biophysics, 28 at the doctoral level. Thirteen medical schools now offer some instruction in biophysics to medical students. The survey was conducted by Norman A. Coulter, Jr., of Ohio State University.

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Engineering at Purdue. Purdue University has announced the merger of the Division of Engineering Sciences and the School of Aeronautical Engineering to form a new school to be known as the School of Aeronautical and Engineering Sciences, effective 1 July. An Aero-Space Sciences Laboratory has been established for graduate research. Harold M. DeGroot will be head of the new school and director of the laboratory. E. A. Trabant, head of the Division of Engineering Sciences, had previously resigned to become dean of engineering at the University of Buffalo.

Scientists in the News

W. O. Reinhardt, professor of anatomy and head of the department at the University of California School of Medicine in San Francisco, is the first recipient of the Alan Gregg travel fellowship in medical education of the China Medical Board of New York, Inc. Reinhardt plans to spend 9 months in the Far East, accompanied by his family, beginning early next year. Most of his study will be conducted in the department of anatomy at Kyoto University Medical School in Japan. The Gregg fellowship was established last fall to honor the memory of Alan Gregg, a world-famous leader in medical education until his death in 1957.

The U.S. Department of Agriculture has presented Distinguished Service Awards to seven employees for outstanding achievements in research and

administration: **Henry L. Ahlgren**, director, Wisconsin Extension Service; **Edward C. Crafts**, assistant chief, Forest Service; **Gladys G. Gallup**, director, Extension Research and Training; **Herbert L. J. Haller**, assistant to the administrator, Agricultural Research Service; **Edward F. Knipling**, director, Entomology Research Division; **William D. Termohlen**, retired agricultural attaché to Japan; and **Harry C. Trelogan**, assistant administrator of the Agricultural Marketing Service.

R. Earl Storie will retire on 1 July after 39½ years of service with the University of California. He is professor of soils and plant nutrition and soil technologist in the California Agricultural Experiment Station. He is chairman of the California Soil Correlation Committee and consultant in the California Soil-Vegetation Survey. Storie is known as the originator of the Storie-Index for rating soils and of other land-classification techniques which are extensively used in this country and abroad.

General **Matthew B. Ridgway** has retired as chairman and chief executive officer of the Mellon Institute, Pittsburgh. **Paul Mellon** was elected chairman to succeed Ridgway; the latter was re-elected a trustee and will serve as a consultant to the institute.

R. B. Woodward, a leader in the laboratory synthesis of complex chemical substances, will become the Donner professor of science at Harvard University on 1 July. Woodward has carried on his research and teaching at Harvard since 1937, and since 1953 has been Morris Loeb professor of chemistry.

Murray M. Copeland has resigned as professor of oncology at Georgetown University Medical School (Washington, D.C.) to go to the University of Texas' M. D. Anderson Hospital and Tumor Institute at the Texas Medical Center, Houston, where he will become assistant director for education, effective 1 July.

Truman G. Blocker, Jr., will become chairman of the department of surgery of the University of Texas Medical Branch, Galveston, on 1 July, when he succeeds **Robert M. Moore**, who is resigning as chairman in order to reduce his administrative responsibilities.

Virgil Boekelheide, professor of chemistry at the University of Rochester, has been appointed professor of chemistry, University of Oregon, Eugene, effective 1 June.

Two members of the Faculty of Public Health at Harvard University, **Martha M. Eliot** and **Bertha S. Burke**, will retire on 1 July. Dr. Eliot will become professor emeritus of maternal and child health and Mrs. Burke will become professor emerita of maternal and child nutrition. The two scientists are the third and fourth women to be so honored by the university.

Halsted R. Holman has been named Guggenheim professor and executive of the department of medicine at Stanford University School of Medicine, effective 1 July. Holman, the first appointee to the new professorship, is now on the staff of the Rockefeller Institute for Medical Research in New York.

He succeeds **David A. Rytand**, Bloomfield professor of medicine, as head of the department. Rytand has been departmental executive since 1954 but asked to be relieved of his administrative duties 2 years ago. He remains on the faculty as Bloomfield professor.

Saul Krugman, associate professor of pediatrics at New York University Medical Center, has been appointed professor and chairman of the department of pediatrics at the center, effective 1 July. He succeeds **L. Emmett Holt, Jr.**, who is retiring to devote full time to his research activities within the department.

Herbert E. Warden of Minneapolis, Minn., has been appointed associate professor of surgery at West Virginia University, effective 1 July. A heart surgeon and medical research scientist, Warden is the first appointee to the staff of **Bernard Zimmermann**, who recently was named professor of surgery.

Gerald Litwack, formerly associate professor of biochemistry at Rutgers University, has assumed the positions of director of biochemistry, Division of Cardiology, Philadelphia General Hospital, and research associate professor of biochemistry in medicine of the Graduate School of Medicine, University of Pennsylvania. He also has been named an honorary professor at Rutgers University.

Lawrence I. Miller has received the J. Shelton Horsley Research Award of the Virginia Academy of Science. Miller, who is professor of plant pathology at Virginia Polytechnic Institute, was honored for his paper on "The Influence of Soil Components on the Survival and Development of the Sting Nematode."

Harold V. Anderson, who has taught chemistry at Lehigh University for 42 years, will retire on 30 June.

James A. Luker, professor of chemical engineering at Syracuse University, has been appointed chairman of the chemical engineering department in the university's College of Engineering.

Harold P. Stephenson, associate professor of mechanical engineering at Duke University, has been appointed chairman of the department of physics, Pfeiffer College, Misenheimer, N.C. He will assume his new duties on 1 September.

Recent Deaths

Edgar B. Burchell, Larchmont, N.Y.; 88; retired bacteriologist and serologist at the New York Eye and Ear Hospital who for 30 years taught anatomy and bacteriology at the New York University School of Medicine; known for his study of the seventh (facial) nerve and for his work in the preparation of specimens, particularly those showing the structure of the ear; 19 May.

Merrill K. Lindsay, New Haven, Conn.; 75; retired professor of orthopedic surgery at Yale University; 24 May.

Hajime Masamune, Japan; 74; outstanding Japanese worker on mucopolysaccharides; professor of medical chemistry at the Medical School of Tohoku University from 1942 until his retirement in March 1959; professor of biochemistry at Hokkaido University, 1934-42; 19 Oct. 1959.

Dudley J. Morton, New York, N.Y.; 76; orthopedic surgeon and authority on the evolutionary development of the human foot and of erect posture and human locomotion; in 1924 was appointed associate professor of anatomy in the College of Physicians and Surgeons at Columbia University, where he served until 1944; charter member, secretary and treasurer of the Association of Physical Anthropologists; 22 May.