

ARTHUR KAATZ, U.S. Department of Agriculture entomologist, has left for Tripoli, Libya, where he will join the U.S. Operations Mission of the International Cooperation Administration. Through the mission, he will assist Libyan plant protection officials in programs to control crop and livestock insects, particularly the desert locust. With funds provided by ICA, the U.S. Regional Insect Control Project is helping local government agencies to combat insect pests in Pakistan, Iran, Iraq, Afghanistan, Jordan, India, Egypt, and Ethiopia.

H. GUYFORD STEVER, chief scientist of the U.S. Air Force, has been appointed professor of aeronautical engineering and associate dean of the School of Engineering at Massachusetts Institute of Technology. He has been on leave from M.I.T. since last February to serve with the Air Force in Washington. He will assume his new post in June.

THEODORE I. HEDRICK, formerly a member of the Government's agricultural marketing service, has been appointed associate professor, dairy, at Michigan State University, effective 1 Jan.

SERGE A. KORFF, professor of physics at New York University, has received the Boris Pregel prize of the New York Academy of Sciences. The \$500 award is given annually for the best scientific paper on natural radioactive substances. Korff's paper was entitled "Effect of cosmic rays on the terrestrial isotope distribution."

FREDERICK R. FURTH, rear admiral and Chief of Naval Research who has been directing preliminary technical work on the United States earth satellite program, will be retired at his own request at the end of December. He will be succeeded by RAWSON BENNETT, II, a captain and now assistant chief for electronics in the Bureau of Ships.

GLADYS A. REICHARD, professor of anthropology and specialist on Navajo culture who died last July, was honored on 5 Dec. at a memorial meeting at Barnard College. In tribute to Dr. Reichard, two anthropologists delivered papers: Margaret Mead, associate curator at the American Museum of Natural History, spoke on "Commitment to field work," and Frederica de Laguna, professor of anthropology at Bryn Mawr College, had as her title, "Gladys Reichard—appreciation and appraisal." Millicent C. McIntosh, president of Barnard, presided at the meeting, which was attended by more than 100 former students and colleagues of Dr. Reichard.

DUDLEY WILLIAMS, professor of physics at Ohio State University, has received a Guggenheim grant to further his study of the magnetic properties of atomic nuclei. He will sail on 7 Jan. for the Netherlands, where he will spend 3 months at the Zeeman Laboratory of the University of Amsterdam. He will then spend 3 months at Oxford University, England, and 2 months at the University of Zurich, Switzerland.

MARSHALL HALL, JR., professor of mathematics, is another Ohio State Guggenheim fellow. He will spend approximately 2 months at Harvard University and at other eastern universities before leaving for England early in March, where he will conduct research at Trinity College, Cambridge University.

EDWARD CHESTER CREUTZ, professor and head of the department of physics and director of the Nuclear Research Center at Carnegie Institute of Technology since 1949, has been appointed director of research for the General Atomic Division of the General Dynamics Corporation and director of the division's laboratory for pure and applied science. At present he is carrying out a special Atomic Energy Commission assignment on Project Sherwood. He will continue that work until he assumes his new duties full time.

STUART A. RICE of the department of chemistry, Harvard University, and AGNES STROUD of Argonne National Laboratory, have won the two A. Cressy Morrison prizes of the New York Academy of Sciences. Rice's paper was entitled "On the cell model for solutions," and Stroud's paper dealt with the "Effects of continuous irradiation by tritium on cells cultivated *in vitro*." Both of these annual awards are for \$300 each.

## Necrology

GRACE E. BIRD, Providence, R.I.; 79; professor emeritus of psychology at Rhode Island College of Education; pioneer in the study of child development; staff member of *Psychological Abstracts*; 1 Dec.

WILLIAM B. GREELEY, Suquamish, Wash.; 76; board chairman, American Forest Products Industries; early advocate of forestry research and conservation; former United States chief forester and former secretary and manager of the West Coast Lumberman's Association; 30 Nov.

CHARLES H. HELLIWELL, Dover, N.J.; 58; associate professor of mathematics at the School of Commerce, New York University; 29 Nov.

WILLIAM H. W. KOMP, College Park, Md.; 62; specialist in tropical diseases;

medical entomologist in the laboratory of tropical diseases at the National Institutes of Health, Bethesda, Md.; 7 Dec.

WALTER LIBBY, Toronto, Canada; 88; specialist in the history of science; former professor or lecturer at Northwestern University, Carnegie Institute of Technology, the University of Pennsylvania, and the Mellon Institute, Pittsburgh, Pa.; 30 Nov.

KENNETH WILLIAM MAINLAND, Falls Church, Va.; 59; chief of the fats, oils, protein, and seeds branch in the Office of Food and Agriculture, International Cooperation Administration, Washington, D.C.; 5 Dec.

CHARLES MARKHAM, Durham, N.C.; 69; treasurer of and former professor of mathematics at Duke University; 3 Dec.

GLENN MARTIN, Baltimore, Md.; 69; aviation pioneer and founder of the Glenn L. Martin Company, Baltimore; 4 Dec.

JOHN A. NEWLANDS, Hartford, Conn.; president, Henry South Engineering Co., Hartford; 2 Dec.

HELEN NOYES, Carthage, Ill.; 73; biochemist; former assistant in orthopedics at the University of Illinois Medical College; 29 Oct.

JAMES F. RINEHART, San Mateo, Calif.; 54; head of the department of pathology at the University of California Medical School, San Francisco; 30 Nov.

HENRY C. STETSON, Belmont, Mass.; 55; submarine geologist and oceanographer at Harvard University; 3 Dec.

ARTHUR L. TATUM, Madison, Wis.; 71; emeritus professor of pharmacology at the University of Wisconsin; 11 Nov.

## Education

■ The University of Maryland will formally celebrate the centennial of its College of Agriculture and the sesquicentennial of its College of Medicine beginning on 6 Mar. 1956 and concluding with commencement in June 1957. The Maryland College of Agriculture and the College of Medicine of Maryland formed the nucleus for the present University of Maryland. Ernest Cory, professor and head of the department of entomology, is chairman of the committee that will guide the 15-month-long celebration.

■ A new college of liberal arts that will emphasize basic science and engineering will be founded at Claremont, Calif., according to William W. Clary, chairman of the Board of Fellows of Claremont college. The new college, which will bear the name of the late Harvey Seeley Mudd, Los Angeles mining engineer and civic leader, is being established as a member of the group known as Associated Colleges in response to an anti-

pated doubling of the college population in Southern California during the next 12 years.

For 30 years prior to his death last April, Mudd was active in the development of the group plan of colleges at Claremont. He served as chairman of the board of Claremont College, central coordinating institution, for 18 years and as a trustee for 29 years. The Mudd family is taking an active part in plans for the development of the new college.

Under the Claremont plan, the new college will share in the use of the central buildings and facilities of the Associated Colleges, including Honnold Library, Bridges Auditorium, the science building, and the medical buildings and services. The present member colleges are Pomona College, Scripps College, Claremont Men's College, and Claremont College.

■ A new Mental Health Research Institute has been established at the University of Michigan within the department of psychiatry, of which Raymond W. Waggoner is chairman. The chief of the institute is James G. Miller, and other senior personnel are Ralph W. Gerard and Anatol Rapoport.

The purpose of the new institute will be centered around the development of a general theory of behavior, with empirical work in both biological and social behavioral sciences. Special attention will be paid to the application of such research to problems of mental health and disease.

■ High-school seniors who are competing for Westinghouse science scholarships in the 15th annual Science Talent Search must mail entries to the Science Clubs of America, 1719 N St. NW, Washington, D.C., by 27 Dec. Open to all seniors in secondary schools, the search is conducted by SCA through Science Service. Scholarships are awarded by the Westinghouse Educational Foundation, which is supported by the Westinghouse Electric Corporation.

■ The first section of the first sky atlas [*Science* 122, 323 (19 Aug. 1955)] has been presented to Amherst College by the National Geographic Society. The gift was made in honor of Gilbert H. Grosvenor, chairman of the board of the society.

On its completion, which will require 8 years, the atlas will contain photographs of all the sky that can be seen from Mount Palomar in California—about 70 percent of the world's total visible sky. The mapping project, on which the society and the Palomar Observatory are cooperating, was begun in 1949.

■ A new graduate program to train laboratory associates in the biological sciences is being sponsored by Hunter College with assistance from the Alfred P. Sloan Foundation. The program is designed to alleviate the acute shortage of personnel in research laboratories.

■ Yale University has announced purchase of a 1-million-volt Van de Graaff particle accelerator. According to Franklin Hutchinson of Yale's newly established biophysics department, the accelerator will be the basis for a study of the use of ionizing radiation to determine the structure and function of cell components.

■ Two detailed courses in specialized phases of documentation will be offered this spring as part of the expanding program of the School of Library Science at Western Reserve University. Classes in "Machine literature searching" and in "Language engineering" have been announced. Course instructors will be James W. Perry and Allen Kent, director and associate director, respectively, of the university's Center for Documentation and Communication Research.

### Grants, Fellowships, and Awards

■ Research grants approved by the Tobacco Industry Research Committee in the last year now amount to more than \$838,000 with the announcement of 19 new grants and 9 renewals. The committee sponsors research on the use of tobacco; this work is conducted by independent scientists at recognized hospitals, laboratories, and medical schools throughout the country. The committee has set up a \$1-million research fund and has pledged more support as the need develops.

Grants are made on recommendation of a nine-member scientific advisory board that directs the committee's research program and policy. Chairman of the board and also scientific director of the committee is Clarence Cook Little, head of the Roscoe B. Jackson Memorial Laboratory at Bar Harbor, Me.

■ The University of Florida College of Medicine, Gainesville, will admit its first class in September 1956. Facilities for graduate study have been provided in the new \$5-million Medical Sciences Building, which is to be the first unit in the J. Hillis Miller Health Center.

Graduate teaching assistantships and research fellowships in the basic medical sciences will be available to qualified candidates for advanced degrees. Applications must be received by 1 Mar. 1956. Further information may be obtained from the dean.

■ The International Academy of Proctology announces its Annual Cash Prize and Certificate of Merit award contest for 1955-56. The best unpublished contribution on proctology or an allied subject will be awarded \$100 and a certificate. Certificates also will be awarded to physicians whose entries are of unusual merit. This competition is open to all physicians in all countries, whether or not they are affiliated with the academy.

The formal award of the first prize and presentation of certificates will be made on 26 Apr. 1956 during the annual dinner dance of the academy at the Drake, Chicago, Ill. All entries are limited to 5000 words; they must be typewritten in English and must be submitted in quintuplicate. Manuscripts must be received by 1 Feb. 1956. Entries should be addressed to the International Academy of Proctology, 147-41 Sanford Ave., Flushing, N.Y.

■ The 1956 Freeman fellowship for study or research in hydraulics has been announced by the American Society of Mechanical Engineers. ASME and the American Society of Civil Engineers are joint administrators of the fellowship fund. The Freeman Award Committee makes awards through these societies in alternate years. This year the award could reach \$3000, depending on the need claimed in the application.

Any qualified member of one of the two societies who is an American citizen may apply for the fellowship. He must submit a study or research program covering a period of at least 9 months beginning in 1956. Interested persons should submit applications before 1 Feb. 1956 to the Freeman Award Committee, American Society of Mechanical Engineers, 29 W. 39 St., New York 18.

■ The Engineering Foundation, New York, which administers the income from a \$1.5 million fund dedicated to the stimulation of engineering research, has now made available its allocations for the 1955-56 fiscal year. In its announcement, the foundation points out that, although its income of about \$50,000 seems very modest in comparison with the present-day scale of research expenditures, it has served to nurture in their early stages many research programs that have ultimately attracted large-scale financial support from other sources and become projects of major import.

This year's grants total \$61,850. They will advance 26 projects that are receiving estimated outside support of \$426,000. The projects, which cover a wide range of research, are being carried out in university laboratories all over the country under sponsorship of the major engineering societies.