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## NEWS and Notes

**Robert T. Hatt**, director, Cranbrook Institute of Science, will conduct an expedition to Yucatan this month to obtain land vertebrates. The work will be under the auspices of the Institute and the Viking Fund.

**Hans Albert Einstein**, engineer, U. S. Department of Agriculture Soil Conservation Service, has been appointed acting associate professor of engineering, University of California.

**Harold F. Blum**, physiologist, National Cancer Institute, has moved from the Marine Biological Laboratory, Woods Hole, Massachusetts, to the Department of Biology, Princeton University, where he has been appointed visiting lecturer.

**William Walter Greulich**, professor of anatomy, Stanford University School of Medicine, and director, Brush Foundation, has returned to the United States with Mrs. Greulich after spending three months in Guam and Japan. In Guam, Prof. and Mrs. Greulich completed a survey of the physical and nutritional status of Guamanian school children in collaboration with the Public Health Section, Naval Government, and as part of the Coordinated Investigation of Micronesian Anthropology, being conducted under the auspices of the Navy Department and the Pacific Science Board of the National Research Council. In Japan, they made a preliminary roentgenological and anthropometric study of children in Hiroshima and Nagasaki who were exposed to the

irradiation from the atomic bombs. Similar observations were made also in Kure and Sasebo, whose populations resemble those of Hiroshima and Nagasaki, but which escaped bombing. This study was made for the Committee on Atomic Casualties, National Research Council, and conducted under the auspices of the Japanese National Institute of Health and with the cooperation of the Section of Public Health and Welfare of SCAP. The object of the study was to obtain information on which plans for a long-term investigation of the growth and development of the Japanese children in those areas can be based.

**Otto Halpern**, recently visiting professor of theoretical physics, Columbia University, has been appointed professor of theoretical physics, University of Southern California, where, in addition to graduate teaching, he will continue his theoretical research on neutron scattering and problems of interaction between matter and radiation.

**Othmar F. Goriup**, chief, Allotment and Requirement Branch, Medical Personnel Division, Office of the Air Surgeon, has been appointed the first chief of the recently created Medical Service Corps, Army Medical Department, with the rank of full Colonel.

**Eliot C. Williams, Jr.**, who for the past 7 years has been associated with the Chicago Academy of Sciences, where he served as assistant director, has been appointed assistant professor of biology, Roosevelt College of Chicago.

**Barry Commoner** has been appointed associate professor of plant physiology, Henry Shaw School of Botany, Washington University, St. Louis.

**Frances Carlin**, formerly assistant professor of foods and nutrition, Hood College, Frederick, Maryland, has been

appointed associate professor of foods and nutrition, Iowa State College.

**E. M. Cralley**, formerly associate professor of plant pathology, University of Arkansas, will return to the University in February 1948 as full professor. Dr. Cralley is now in Korea, where he is in charge of rice disease research for the military government.

**George Neville Jones**, associate professor, Department of Botany, University of Illinois, has been named associate editor of the *American Midland Naturalist* to represent the field of plant taxonomy.

**Irvin E. Liener**, First Lieutenant, Quartermaster Corps, U. S. Army, has been appointed to the staff of the Rations Planning Office, Quartermaster Food and Container Institute for the Armed Forces, Chicago.

**Edward B. Ellis**, formerly of Memorial Hospital, New York, has been appointed to the staff of the Technicon Company, 215 East 149th Street, New York.

**Gerald G. Gross**, former science writer on the *Washington Post*, is now editor of *Washington Report on the Medical Sciences*, a weekly newsletter with excellent coverage of happenings of a medical nature in and around Washington. Published every Saturday, it is timed for arrival at any point in the country on the following Monday. The subscription rate is \$50 per year. A trial four-month subscription may be taken at the special rate of \$15. Offices of *Washington Report* are at 1713 K Street, N. W., Washington 6, D. C.

**Shields Warren**, a pathologist at New England Deaconess Hospital and assistant professor of pathology, Harvard University, has been named interim director of AEC's new Division of Biology and Medicine (*Science*, Septem-

ber 26, p. 285). Dr. Warren will be on a half-time basis pending appointment of a permanent director.

**Horace M. Miner**, associate professor, Department of Sociology, University of Michigan, has also been appointed associate professor in the Department of Anthropology.

**Peter A. Bungart**, preparator and collector of fossil fish, Department of Paleontology, Cleveland Museum of Natural History, has retired after 24 years with the Museum. **Harry C. Oberholser**, curator of Ornithology at the Museum, has also retired.

**P. A. Wells**, general secretary, Society of Dyers and Colourists, Bradford, England, has been appointed director of education, International Wool Secretariat, London.

**Grover L. Bridger**, chief, Process Development Division, Tennessee Valley Authority, has been appointed professor and head, Department of Chemical Engineering, Iowa State College, effective November 14. **O. R. Sweeney**, head of the Department since 1920, is retiring from administrative duties but will continue as professor of chemical engineering.

**J. M. Schopf**, formerly paleobotanist, U. S. Bureau of Mines, Central Experiment Station, Pittsburgh, has recently returned from the Union of South Africa, where he was engaged in petrographic study of coal under the auspices of the South African Council for Scientific and Industrial Research in cooperation with the South African Geological Survey and the Fuel Research Institute. Since returning, Dr. Schopf has been appointed to the U. S. Geological Survey, Section of Paleontology and Stratigraphy, with headquarters at 330 U. S. National Museum, Washington, D. C., where he will continue studies dealing with the constitution and microfossils of coal.

**Max Lauffer**, professor of physics, University of Pittsburgh, has been appointed chairman of the Executive Committee of the Department of Physics for the current academic year. **David Haliday** will serve as executive secretary for the Department.

**Russell W. Cumley**, medical editor, Abbott Research Laboratories, North Chicago, has been appointed to the recently created position of medical editor and director of publications of the M. D. Anderson Hospital for Cancer Research.

**Joseph P. Fulton**, University of Illinois, has been appointed assistant professor in the Department of Plant Pathology, University of Arkansas, where, in addition to teaching, he will conduct research on vegetable crop diseases.

### Visitors to U. S.

**Gregg M. Sinclair**, president, University of Hawaii, recently visited the University of Texas Medical Branch, Galveston, to survey current educational and research methods in medicine.

**H. A. Hyde**, keeper of the Department of Botany, National Museum of Wales, Cardiff, summarized his studies on atmospheric pollen in the British Isles at the seminar of the Department of Botany, University of Minnesota, October 2. Mr. Hyde is visiting this country under the auspices of the Welsh National School of Medicine, Cardiff.

**B. C. J. G. Knight**, Department of Biochemistry, Wellcome Physiological Research Laboratories, Beckenham, Kent, England, will deliver the second Harvey Lecture of the current series at the New York Academy of Medicine on November 20. Dr. Knight will speak on "Bacterial Chemistry and Evolution."

### Grants and Awards

The **John and Mary R. Markle Foundation** has embarked upon a new program to relieve the shortage of instructors in medical schools and to provide more trained investigators for medical research. Accordingly, the Foundation is offering post-fellowship grants to young scientists with the necessary training to hold regular faculty appointments and to conduct original research. Candidates, to be limited to young men and women with a particularly strong interest in research and teaching in any of the clinical or preclinical sciences or in the sciences basic to medicine, will be recommended for the grants by the medical schools, and the final choice of "Scholars in Medical Science" will be made on the basis of these recommendations and those of regional committees appointed by the Foundation. Grants of \$25,000, payable to the cooperating medical school at the rate of \$5,000 annually for a 5-year period toward the support of each successful candidate or his research, or both, will be available

beginning with the academic year 1948-49. No fixed number of Scholars will be appointed in any one year, but it is expected that about 50 will receive appointments during the 5-year period. If the plan is successful, \$1,250,000 will be appropriated to the schools by 1953. The program is the result of a survey of medical research and education made recently by the Foundation, which indicated that although various forms of financial aid are available to the student in the course of his scientific training and to the scientist once his name is made, there are few sources of help at the start of a career in academic medicine. Those interested may secure further details of the plan from the dean of the accredited medical school of their preference.

The **American Pharmaceutical Association** is now receiving nominations for the Iodine Educational Bureau Award (\$1,000 and a diploma) which recognizes outstanding research in the chemistry and pharmacy of iodine and its compounds as applied in pharmacy or medicine. Any member of the Association may propose a nominee by submitting specific identification of the work to be considered in the competition, a biographical sketch of the nominee including date of birth, and a list of his publications. Eight such copies must be submitted to the secretary of the Association, Robert P. Fischelis, 2215 Constitution Avenue, N.W., Washington 7, D. C., before January 1. The nominee must be a resident of the United States or Canada, must have accomplished outstanding research in the chemistry or pharmacy of iodine and its compounds as applied in pharmacy or medicine, including diagnostic use, and must have been actively engaged in, have completed, or have published a report upon the line of investigation for which the award is made, and he must not have been engaged in research under the sponsorship of the Iodine Educational Bureau, Inc., during the last two years.

**George W. Vinal**, chief of the Electrochemistry Section, National Bureau of Standards, has been awarded the Certificate of Commendation by the Bureau of Ships of the Navy Department for his outstanding service to the Navy during the war in development of new types of batteries and for his work as secretary of the Joint Army-Navy Battery Advisory Committee.

**Edward R. Schwarz**, head, Textile Division, Massachusetts Institute of Technology, was awarded the Olney Medal for outstanding achievement in the field of textile chemistry at the annual convention of the American Association of Textile Chemists and Colorists, held in Chicago October 23-25.

**W. A. Pennington**, chief chemist and metallurgist, Carrier Corporation, Syracuse, New York, was presented the Henry Marion Howe Medal for 1947 by the American Society for Metals at its annual banquet held October 23 in conjunction with the National Metal Congress and Exposition. The award is made annually to the author or authors of the technical paper of highest merit published in the annual *Transactions* of the Society. The subject of Dr. Pennington's paper was "A Mechanism of the Surface Decarburization of Steel."

**Robert Jemison van de Graaff**, Massachusetts Institute of Technology, has been awarded the 24th Duddell Medal of the Physical Society, London, in recognition of the invention and development of his high-voltage electrostatic generator. The Duddell Medal is awarded annually, without restriction as to nationality or to Fellowship in the Society, to persons who have contributed to advancement and knowledge by the invention or design of scientific instruments or by the discovery of materials used in their construction.

**Frederick H. Verhoeff**, professor emeritus of ophthalmic research, Harvard Medical School, and consulting chief of ophthalmology, Massachusetts Eye and Ear Infirmary, received the Leslie Dana Gold Medal presented by the American Academy of Ophthalmology and Otolaryngology, October 16, in recognition of outstanding achievements in the prevention of blindness and the conservation of vision.

## Fellowships

**The Lalor Foundation Fellowship Program** at the Marine Biological Laboratory, inaugurated in 1947, will continue in 1948. Postdoctoral summer fellowships in the fields of biophysics, biochemistry, and physiological chemistry will be available. The fellowships are designed primarily to aid promising young investigators who can make maximum use of the facilities and opportunities pro-

vided at the Marine Biological Laboratory. In addition to laboratory facilities, the grants are intended to cover approximately the living expenses of the investigators at Woods Hole and necessary traveling expenses to and from Woods Hole. The committee administering the fellowships consists of Eric Ball, Kenneth Cole, Charles Packard, A. K. Parpart, and C. W. Metz (chairman). Inquiries and applications should be addressed to the director of the Marine Biological Laboratory, Woods Hole, Massachusetts, and applications should be received by December 31, 1947.

**Radcliffe College** has announced the availability of the Helen Putnam Fellowship for Advanced Research, which carries a stipend of \$2,000 for 11 months beginning October 1, 1948, with a possibility of renewal for a similar period. Each Fellow will be assigned room and board at cost in one of the Radcliffe graduate houses and will be expected to be in residence during the tenure of the fellowship; she will also be provided with all normal laboratory facilities. There are no age restrictions for this fellowship, but in general the Committee on Award will limit its choice to mature women who hold their doctorates or equivalent qualifications. Appointments will be limited to those candidates who can submit a plan of research that is already under way in the fields of genetics or mental health, broadly defined. Application forms, which must be submitted before April 1, 1948, may be obtained from the Committee on the Helen Putnam Fellowship for Advanced Research, Radcliffe College, Cambridge 38, Massachusetts.

**The Mellon Institute** has announced the establishment there of a comprehensive multiple research fellowship on orthopedic appliances by the Sarah Mellon Scaife Foundation of Pittsburgh. Under the guidance of orthopedists and with the cooperation of both leading organizations in the field and manufacturers of orthopedic appliances, broad scientific investigation and development relating to such appliances will be conducted. Particular attention will be given to problems of mechanical design, improvements in materials of construction, and methods of fitting braces and similar orthopedic devices. **John L. Young**, research specialist in metallurgy and mechanical engineering, who will head the program as Senior Fellow, will be assisted

by **Eugene F. Murphy**, staff engineer, Committee on Artificial Limbs, National Research Council, as Advisory Fellow, and several research assistants. The medical advisory committee of the fellowship is under the chairmanship of Paul B. Steele, professor and head, Department of Orthopedic Surgery, School of Medicine, University of Pittsburgh, who will be assisted by John A. Heberling, associate professor of orthopedic surgery, and Carl C. Yount, assistant professor of orthopedic surgery, both of the University of Pittsburgh.

## Industrial Laboratories

**William W. Hartman**, assistant superintendent, Synthetic Chemistry Department, Eastman Kodak Company, has been appointed superintendent of that Department.

**George H. Schneller**, formerly head of pharmaceutical research, Wm. S. Merrell Company, Cincinnati, has been appointed director of pharmaceutical application in the Pharmaceutical Department, Calco Chemical Division, American Cyanamid Company, Bound Brook, New Jersey.

**Alton Bryant**, who recently obtained his Bachelor's degree in bacteriology from the University of Kentucky, has joined the Bacteriology Laboratories of the Wm. S. Merrell Company, Cincinnati.

**A course in X-Ray Diffraction and Spectrometry** will be given by the North American Philips Company, Inc., November 17-21, at its New York offices, 100 East 42nd Street, to acquaint industrialists, technicians, and research specialists with fundamentals of X-ray diffraction and its applications. Lectures will be given daily, followed by discussion periods and laboratory work. Guest speakers will include: M. J. Buerger and John Norton, of Massachusetts Institute of Technology; Charles Barrett, University of Chicago; I. Fankuchen, Brooklyn Polytechnic Institute; Herbert Friedman, Naval Research Laboratory; and William Parrish, Philips Laboratories, Inc. Sessions will begin at 9:30 A.M. and end at 5:00 P.M. A fee of \$50 is required of all taking the course except the Philips diffraction equipment owners.

**The Nucleonics Project of General Electric Company**, which consists of work on atomic energy for the U. S. Atomic Energy Commission, now has as

its administrator **R. S. Neblett**, who has been manager of G-E's Federal and Marine Divisions. The G-E Nucleonics Committee, which has administered the Company's activities in this field for the past year, has announced that responsibility for contractual administration and negotiations in connection with the Project is transferred to the Chemical Department. The Committee will retain responsibility for general policies of administration and operation of the Project. Operation of the \$20,000,000 Knolls Atomic Power Laboratory, now under construction by the Company for the AEC, will remain under the G-E Research Laboratory, while the Chemical Department will retain responsibility for operation of the Hanford Engineer Works near Richland, Washington.

## Colleges and Universities

The 29th course of Lane Medical Lectures, which were founded in 1896 by the late Levi Cooper Lane, will be given each evening at 8:15, November 11-13 and 17-18, in Lane Hall, Stanford University School of Medicine, Sacramento Street, near Webster, San Francisco, California. The lectures will be delivered by Wilder G. Penfield, professor of neurology and neurosurgery, McGill University, and director, Montreal Neurological Institute, on the subject, "Physiological Observations on the Cerebral Cortex of Man." The 5 individual lectures on this topic will include: "Introduction, With Observations on Hearing and Vision," "Sensorimotor Organization of the Cerebral Cortex," "Secondary Mechanisms of Movement, Sensation, and Speech," "Dreams, Hallucinations, and Memory," and "Cortex, Consciousness, and Cerebral Seizures." The medical profession, students, teachers, and research workers in medicine and allied sciences are cordially invited to attend.

**The Academy of Natural Sciences**, Philadelphia, has set up a cooperative arrangement which enables graduate students of Bryn Mawr College, Haverford College, LaSalle College, Swarthmore College, University of Pennsylvania, Temple University, and Rutgers University to study systematics as a part of their regular curriculum. **Ruth Patrick**, associate curator of Microscopy at the Academy, **Francis W. Pennell**, curator of Plants, and **H. Radclyffe Roberts**, managing director of the Academy, are in

charge of the course. Emphasis will be on the principles of systematics rather than on the classification of any particular group. Cytological, serological, physiological, and statistical, as well as morphological methods will be considered. The course is given at the Academy every Saturday from 8:00 A.M. to 1:00 P.M.

## Meetings

**The Tennessee Academy of Science** will hold its 57th annual meeting November 28-29 at the University of Tennessee, Knoxville. Paris B. Stockdale, Department of Geology and Geography, University of Tennessee, president of the Academy, will preside at the opening general session Friday morning. Sectional meetings will convene Friday afternoon under the leadership of the following chairmen: Botany, D. M. Brown, East Tennessee State College; Chemistry, Raymond Seymour, University of Chattanooga; Geology and Geography, Harry J. Klepser, University of Tennessee; Mathematics, T. C. Carson, East Tennessee State College; Zoology, C. L. Baker, Southwestern University; and the Junior Academy, Frances R. Bottom, sponsor, George Peabody College. The annual dinner will be held Friday evening, and the business session with election of officers, Saturday morning. Members wishing to submit papers at the general sessions should send titles to the program chairman, Arthur C. Cole, Department of Zoology, University of Tennessee. Those wishing to present papers at the sectional meetings should submit titles to the sectional chairmen.

**The American Physiological Society** will hold its regional meeting as an open symposium on "Military Physiology" at the Army Medical Department Research and Graduate School, Army Medical Center, Washington, D. C., December 4-6. Members of the Society, their associates, and students are invited to attend. At the first session, beginning at 10:30 A.M. in the Sternberg Auditorium, Army Medical Center, representatives of 9 Army, Air Force, and Navy laboratories will present the high lights of their programs in physiological research. The second day will be devoted to the presentation of research on respiratory physiology carried out with military support in 10 universities. At the last sessions, papers will be presented on physiological researches conducted in

neighboring government and civilian laboratories.

**The 15th annual meeting of the Association Canadienne-Française pour l'Avancement des Sciences** was held October 11-13 in Montreal, Canada. Papers were presented in the Physics, Chemistry, Geology, General Biology, Entomology, Botany, Agronomy, Biogeography, and the Moral Sciences Sections. A report of two symposia on the scientific training in French Canada and on the situation of French-Canadians in scientific positions will be published shortly. The BAAS was officially represented by its president, Sir Henry Dale, and the AAAS by J. W. Bridges, professor of experimental psychology, Sir George Williams College, Montreal. Joseph Risi, professor of chemistry, Laval University, Quebec, was elected president; Léon Lortie, professor of history of science, University of Montreal, vice-president; and Lionel Lemay, professor of chemistry, University of Montreal, general secretary. The main office of the ACFAS is located at the University of Montreal, 2900 Mount-Royal Boulevard, Montreal 6, Canada.

**The Hungarian Research Institute for Genetics and Plant Breeding**, Budapest, has sent a request to the Committee on Aid to Geneticists Abroad, Genetics Society of America, for reprints in genetics, and particularly in plant genetics. Packages of reprints weighing not more than 4½ pounds (2 kilos) may be sent to Dr. Thomas P. Bogyó, Research Institute for Genetics and Plant Breeding, Hungarian Bureau of Agricultural Science, II Herman Otto út 15, Budapest, Hungary.

**The American Chemical Society** has chartered its second local unit outside the United States, this one being in Puerto Rico. Officers of the new section are: chairman, Fritz Fromm, professor of chemistry, College of the Sacred Heart; chairman-elect, Fernando Badrena, production engineer, Puerto Rico Phosphate and Acid Works, Inc.; and secretary-treasurer, Leonardo Igaravidez, Agricultural Experiment Station, University of Puerto Rico. Víctor Rodríguez Benítez, chairman, Department of Chemistry, Agricultural Experiment Station, will represent the section on the Society's national council.