

News and Notes

Scientists in the News

Harry G. Armstrong, Air Force surgeon general, has returned from a staff visit to Air Force medical facilities in the Far East. He was accompanied by **Albert H. Schwichtenberg**, Chief, Civil and Military Inter-Relation Division, Office of the Secretary of Defense. Civilian consultants making the trip were **Cortez F. Enloe**, internal medicine; **Elmer L. Henderson**, surgeon and president, American Medical Association; **William P. Holbrook**, internist and president, American Rheumatism Association; **Russel V. Lee**, internal medicine; **John M. Murray**, psychiatrist; and **Herbert B. Wright**, urologist.

A. F. Dunn, of the Division of Physics of the National Research Council of Canada, is spending approximately a month and a half with the Electricity Division of the Bureau of Standards, studying methods for making fundamental electrical measurements. Other recent visitors at the Bureau were **B. M. Crowther**, editor of *Science Abstracts*, London, and **George K. Batchelor**, professor of applied mathematics, Trinity College, University of Cambridge.

Paul D. Foote, vice president of Gulf Oil Corporation in charge of research and development, has been presented with the Outstanding Achievement Medal Award of the University of Minnesota. The honor, reserved for former students who have attained high eminence and distinction, was conferred as part of the university's centennial observances during the dedication of new social science and liberal arts buildings. Dr. Foote, who received his Ph.D. in physics from the university in 1917, is a member of the Ordnance Advisory Committee of the Research and Development Division, Department of the Army, and of the Naval Ordnance Laboratory Advisory Board.

Ernest K. Gladding is retiring as director of the Du Pont Company's Development Department, and **Henry E. Ford**, who has been assistant director of the department since 1942, will succeed him. Dr. Gladding has been with the company 41 years, starting as a chemist in the Eastern Laboratory of the Explosives Department at Gibbstown, N. J. He became manager of the nylon division of the Rayon Department when that division was formed in 1938. From that time until he entered the Development Department, he guided research on nylon. Mr. Ford started with Du Pont in the Explosives Department immediately after his graduation from the University of Pennsylvania in 1922, joining the Development Department in 1939.

Carl-Erik Groth, until recently head of the Swedish field hospital in Pusan, which he organized and led since its inception, has been awarded the golden Cross of Honor of the Association of American Military Surgeons, at the same time being appointed an honorary member of the association. The award was made

by **General Edgar E. Hume**, chief American military surgeon in the Far East.

John Hardy, director of one of Shell Chemical Corporation's agricultural research laboratories, has been flown to Iran to aid in the fight against the locust plague now threatening that country. Dr. Hardy will help direct the application of aldrin, a new insect toxicant, on request of the U. S. State Department.

Elvin A. Kabat, associate professor of bacteriology, College of Physicians and Surgeons, Columbia University, was selected to give the Ninth Harvey Lecture at the New York Academy of Medicine, on the subject "Immunochemistry of the Blood Group Substances."

Mervin J. Kelly, executive vice president of Bell Telephone Laboratories, has been elected president, succeeding **Oliver E. Buckley**, who has accepted an appointment by President Truman as chairman of the newly created Science Advisory Committee of the Office of Defense Mobilization. Dr. Buckley has been elected chairman of the board and will continue his association with the Laboratories in this capacity.

Fred H. Klaer, Jr., of the Ground Water Branch, Water Resources Division, USGS, and for the past nine years geologist in charge of ground-water investigations in Indianapolis, has resigned to accept a position with the Ranney Well Construction Company, Columbus, Ohio. **Gordon E. Davis**, engineer, is in charge of the Indiana work at present.

Among the six recipients of awards at the recent Boston meeting of the American Chemical Society, one was honored *in absentia*. He was **Edgar Lederer**, of the Institut de Biologie Physico-chimique, Paris, winner of the Fritzsche Award of \$1,000 and a gold medal for work on essential oils.

A. William Lescoghier has retired as president of Parke, Davis & Co., a post he had held since March 1, 1938. He was succeeded by **Harry J. Loynd**, who has been vice president in charge of domestic and Canadian sales and promotion since June 1945. Directors of the company also elected **Homer C. Fritsch** executive vice president.

The following Japanese personnel have been assigned to Japanese National Leader Project #199, "Training to Advisors on Flood Control—Watershed Management," sponsored by the U. S. Geological Survey: **Kiyoo Meguro**, River Bureau, Construction Ministry, chairman; **Takashi Ogawa**, Irrigation and Drainage Section, Agricultural Land Bureau, Ministry of Agriculture and Forestry; **Saburo Yamamoto**, Water Utilization Section, River Bureau; **Shigeto Fujimura**, Guidance Division, Forestry Agency, Ministry of Agriculture and Forestry; **Ichiro Yamanouchi**, Edo River Improvement Work Office, Construction Min-

istry; and **Yoshio Hosoya**, Construction Ministry. The group will be in the U. S. about three months for training on flood control and watershed management.

Albert Milzer, director of the Department of Bacteriology and Virology at Michael Reese Hospital, Chicago, was recently awarded a grant of approximately \$5,000 by the USPHS to conduct studies on the development of an irradiated tuberculosis vaccine.

Robert A. Moore, professor of pathology and dean of the School of Medicine, Washington University, delivered the thirty-fourth Mellon Lecture before the Society of Biological Research of the School of Medicine, University of Pittsburgh. His subject was "The Nature of Teratomatous Tumors."

Donald E. Munnecke recently joined the staff of the Division of Plant Pathology, University of California, Los Angeles, as instructor and junior plant pathologist in the Experiment Station. His research in California, concerned with diseases of ornamental nursery crops, is part of the program of research in floricultural pathology on the Los Angeles campus.

Robert Collier Page, medical director of Standard Oil (N.J.), has been named chairman of a National Doctors Committee formed by the Citizens Committee for the Hoover Report to bestir interest in establishment of a federal Department of Health. Major objectives of the new committee are to strive for conservation and optimal use of personnel in health sciences, and to stress advantages of improved coordination of federal health and medical facilities through unification in a single Cabinet department.

Francis Perrin, professor of atomic and molecular physics at the College of France, has been named to assume the post of French High Commissioner of Atomic Energy, previously held by Frederic Joliot-Curie.

Santiago Ramos Polo, postdoctoral research fellow in the Physics Department's Spectroscopy Laboratory at the Illinois Institute of Technology, has received the annual research award of the Spanish Royal Academy of Sciences.

Nathan Rakieten, formerly director of pharmacological control at Bristol Laboratories, Inc., is now associated with The South Shore Analytical and Research Laboratory, Inc., at Islip, N. Y., as director of pharmacological research and control.

Theodor Rosebury, associate professor of bacteriology at Columbia University, has resigned to accept appointment as professor of bacteriology at the School of Dentistry, Washington University.

Hugo H. Schaefer, treasurer of the American Pharmaceutical Association, and dean of the Brooklyn College of Pharmacy, will receive the Remington Medal, which is given annually to the individual who has done most for American pharmacy in the previous year, or

whose continuing contributions to the advancement of the profession have been outstanding. The past presidents of the American Pharmaceutical Association serve as the jury of award.

Sheila Sherlock, lecturer and physician in the Department of Medicine, the Postgraduate Medical School, University of London, delivered the twenty-seventh Ludvig Hektoen Lecture of the Frank Billings Foundation of the Institute of Medicine of Chicago. Her subject was "Hepatic Venous Catheterization in Clinical Research."

Helen K. Sherwood recently joined the Research Center staff of The Johns Hopkins University Applied Physics Laboratory, Silver Spring, Md. She had been with the National Electronics Laboratories, Washington, D. C.

David B. Steinman has received the Egleston Medal for 1951 from the Engineering School Alumni Association of Columbia University. The award honors the memory of Thomas Egleston, whose efforts led to the establishment of the Columbia School of Mines in 1864, and later to the development of the Engineering School. The medal was first presented in 1939.

George Stevenson, of Northwestern University's Medical School, has been appointed coordinator of the school's cancer teaching program. He succeeds **William B. Wartman**, chairman of the Northwestern Department of Pathology, who has served as coordinator since establishment of the program in 1949.

Cornille O. Strother, of the Linde Air Products Company, Tonawanda, N. Y., has been awarded the Jacob F. Schoellkopf Medal for 1951. The award was founded in 1930 in honor of Jacob F. Schoellkopf, Sr., financier, industrialist, and pioneer in the establishment of the chemical industry in the Niagara area.

Arlie C. Todd, veterinary scientist from the Kentucky Agricultural Experiment station, has been appointed associate professor of veterinary science at the University of Wisconsin to fill the position held by the late **Banner Bill Morgan**.

Henry R. Viets, librarian of the Boston Medical Library, neurologist, and chairman of the Council on Scientific Assemblies for the American Medical Association, has accepted appointment as lecturer in neurology and in historical and cultural medicine at the University of Texas Medical Branch, Galveston. Dr. Viets plans to spend a week each semester in Galveston for lectures and conferences with the staff and students.

Alexander Wetmore, secretary of the Smithsonian Institution, who will reach the normal retirement age in June, has been continued in office by action of the Board of Regents, which met May 3. A committee of the Board of Regents has been and is exploring the field for a qualified successor to Dr. Wetmore.

Colleges and Universities

Cornell University will hold an 8-week seminar, June 15–August 10, under the sponsorship of the Social Science Research Council, to investigate language learning in the child, explore the role of language in social behavior, and attempt the psychological analysis of language structure. John B. Carroll, Graduate School of Education, Harvard, is chairman of the project. Other psychologists and specialists in linguistics who will participate are: Frederick B. Agard, Cornell; Stanley S. Newman, University of New Mexico; Charles E. Osgood, University of Illinois; Thomas A. Sebeok, Indiana; and Richard L. Solomon, Harvard.

Beginning with the academic year 1951–52, **Drexel Institute of Technology** will offer three new cooperative curricula in chemistry, physics, and the biological sciences, leading to the B.S. degree. Students in the new courses will be required to work under the institute's cooperative plan, which provides for 21 months of the five college years to be spent on the job in some industry.

The **University of Illinois** at Urbana will hold a summer education conference June 26–29 on "Education in the Present Emergency." Among participants will be: Harold Benjamin, George Peabody College; Earl D. Johnson, Assistant Secretary of the Army; William H. Perkins, retired head of the Education Authority, Warwickshire, Eng.; Eduard C. Lindeman, formerly of Columbia University; and John Lee, Wayne University. Registration is free. For further information, write to Harold T. Trimble, 109 Gregory Hall, Urbana, Ill.

Northwestern's Dental School will hold a five-day conference, June 4–8, on "A Century of Progress in Dentistry," as part of the university's centennial year celebration. Robert E. Blackwell, J. Ben Robinson, Maynard K. Hine, B. O. A. Thomas, Samuel Chase Miller, Walter McBride, Roy G. Ellis, and James Barret Brown will be among the speakers.

Fellowships

Majestic Radio and Television Corporation, 270 Park Ave., New York, has established a \$500,000 fund to provide up to 48 scholarships a year for the next five years to persons over 35 years of age. To be known as "second chance scholarships," they will be granted to "worthy men and women" who may have been deprived of an education by circumstances. Scholarships will carry employment and income guarantees, and no age limit has been set. Aptitude tests are being formulated to be given to all applicants, and first awards will probably be made next fall.

Sigma Delta Epsilon, graduate women's scientific fraternity, has awarded its Postdoctoral Fellowship (open also to nonmembers) to Christine Williams Ayoub, instructor in mathematics at Cornell since 1948. Her research project is on the theory of groups

and will be carried out at Harvard. Two additional research awards (for members only) will be given in 1951, one of which will be for research carried on in the home, either on the problems of housewives, or in other fields of scientific research. Mayme I. Logsdon, University of Miami, Coral Gables 46, Fla., is chairman of the awards board. Sigma Delta Epsilon celebrates its thirtieth anniversary this year, with 16 chapters, a membership of about 1,500, and a world-wide alumnae chapter.

The **Wilson Fellowship** program, begun in 1945 to aid in the education of scholars intending to enter the teaching profession, was expanded last year with the support of the Carnegie Corporation of New York. Twenty-five college seniors were awarded Woodrow Wilson fellowships from Princeton University for the academic year 1951–52, among them Naomi Paula Loeb, of Brooklyn, first woman ever to receive a Princeton fellowship. Miss Loeb is a senior in English literature at Barnard College.

The **Shell Companies'** programs in support of higher education have been renewed for 1951–52. Twelve Fundamental Research Grants totaling \$60,000 were made directly to science departments in the following universities: Caltech, Carnegie Tech, Chicago, Harvard, MIT, Princeton, Stanford, and Yale. Supplementing the research grants are the 45 Graduate Fellowships, made preferably to candidates in the final year of doctorate study. These provide a stipend of \$1,200 for the academic year, tuition, and fees, plus a special fund of \$300 to the school itself.

Grants

The **American Academy of Arts and Sciences** has awarded 14 grants from its Permanent Science Fund to investigators at Harvard; Oklahoma; MIT; Tufts; Indiana; University of Oregon; University of Pisa (Italy); Free Hospital for Women, Brookline, Mass.; Mount Sinai Hospital, New York; and Yale for studies in the humanities and the natural and physical sciences.

Armour & Company has made a grant-in-aid to Albert Szent-Györgyi, winner of the 1937 Nobel prize in medicine for the isolation of vitamin C, for work in the chemistry of muscle. With seven assistants Dr. Szent-Györgyi will continue at the Marine Biological Laboratories, Woods Hole, studies he began in Hungary before coming to the U. S. in 1947.

Chicago Medical School has received a gift of a \$10,000 **Subsidiary Scholarship** from Sayde Arkin in memory of her husband, Harry J. Arkin. Four subsidiary scholarships of \$10,000 each have also been received from the David, Josephine and Winfield Baird Foundation, Inc., of New York City.

The **Atomic Energy Commission** has awarded fourteen new unclassified research contracts, six in biology and medicine and eight in the physical sciences, making a total of 385 such projects being supported by

the commission. Contracts in biology and medicine went to Michigan State (R. U. Byerrum and C. D. Ball); Columbia (Harry Grundfest); Wisconsin (Joshua Lederberg); Massachusetts General Hospital (William H. Sweet); University of Michigan (James V. Neel); Western Reserve (C. E. Carter); and in the physical sciences to: Georgia Tech (J. Hines); Iowa State (S. Wawzonek); Purdue (W. W. Brandt, T. Devries, W. F. Edgell, M. G. Mellon, W. H. Johnson); Johns Hopkins (R. D. Fowler). Nineteen existing contracts were renewed.

The **Guggenheim Foundation** has awarded 154 fellowships, amounting to a total of \$568,000, for research in economics and political science (twenty awards); chemistry (nine); biochemistry (eleven); medicine (two); genetics (four); physics (four); mathematics (five); botany (five); biology (ten); psychology (two); and other awards in a wide variety of subjects. Investigators located in the U. S., Canada, and Latin America will benefit.

The **National Multiple Sclerosis Society** has made a one-year grant of \$15,507 to the H. L. Snyder Memorial Research Foundation, Winfield, Kans., for biochemical studies under the direction of Harold H. Jones.

The **American Cancer Society** has presented grants-in-aid and fellowships, ranging in amount from \$2,500 to \$20,000 for projects in medical institutions in New York City, to thirty men and women. The society will spend more than \$3,480,000 on cancer research this year; nearly 800 investigators in 95 institutions and 31 states are carrying on 250 projects under the research program.

The **Audiology Foundation** is offering a limited number of grants-in-aid to students entering into or already engaged in any branch of the science, including otology, audiometry, speech, acoustics, and education of the deaf or the hard of hearing. Apply for further information to the foundation at 1104 S. Wabash Ave., Chicago 5.

Among recent **Rockefeller Foundation** grants were \$117,000 to the Conservation Foundation of New York for research on water and marine resources; \$66,000 to the Institute for Urban Land Use and Housing Studies, established by Columbia University; \$100,000 to the Oregon Medical School for studies in constitutional medicine; \$9,000 to the International African Institute for field studies of the Fulani-speaking peoples of West Africa; \$92,000, to Columbia University, \$30,000 to Tufts College, and \$12,000 to University College (Dublin) for biochemical and immunochemical research; and \$22,500 to Dalhousie University (Halifax, N. S.) for a study of psychological factors in pregnancy and childbirth. An additional \$155,000 was granted to seven institutions in the U. S. and abroad for medical research and equipment; \$175,000 to fourteen institutions for research and equipment in the natural sciences; and \$81,000 to six institutions for work in the social sciences.

Miscellaneous

The 1951 list of members of the **American Council of Commercial Laboratories** is free upon request to H. M. Dudley, 4302 East-West Highway, Washington 14, D. C.

An atomic energy school to teach workers how to use radioactive materials has been opened at the **Atomic Energy Research Establishment**, Harwell, Eng. The school is designed to meet the requirements of medical and industrial workers who need to learn what can be done with radioisotopes, and what apparatus and methods are necessary to deal with radioactive materials. It will give students of graduate level detailed instruction in the problems encountered when radioactive materials are used in the quantities employed in a normal laboratory. The first course, lasting six weeks, was in charge of J. E. Johnston, of Harwell's Isotope Division. Subsequent courses will last four weeks—the second and third were scheduled to begin on May 15 and June 18. Twelve students will be accepted in each.

The U. S. Department of Agriculture presented its annual **Honor Awards** on May 15 in Washington, D. C., to: Walter H. Ehling, Bureau of Agricultural Economics, Madison, Wis.; Severin O. Fladness, Bureau of Animal Industry, Washington, D. C.; Christopher M. Granger and Earl W. Loveridge, Forest Service, Washington; Carl F. W. Muesebeck, Bureau of Entomology and Plant Quarantine, Washington; and Ruth O'Brien, Bureau of Human Nutrition and Home Economics, Beltsville, Md.

The **American Museum of Natural History** last week opened its new Felix M. Warburg Memorial Hall, the gift of Frederick M. Warburg. In 20 sections, the museum will provide a realistic view of a portion of the Pine Plains area of Dutchess County. Louis Bromfield made the dedication address.

Near the site of its original plant along Brandywine Creek, **Du Pont** last week opened its new \$30,000,000 addition to the Experimental Station, with speeches, series of special exhibits, and tours of the station. The nineteen new buildings cover an area of 57 acres, required more than two years for construction, and will house more than half Du Pont's total research personnel. The basic unit is a two-man laboratory room, 25' x 19'.

The first issue of the *Journal of Neuropathology and Clinical Neurology* appeared January 1951 under the editorial direction of George B. Hassin and Percival Bailey. It will carry occasional articles in allied fields such as neurophysiology and neurosurgery.

Owing to the paper shortage, some issues of *Science* for the next few months will be printed on slightly different stock, and in some cases reproduction of photographs may be rather poor. As soon as possible we hope to get back to our usual stock.