

News and Notes

Scientists in the News

Reginald M. Atwater, executive secretary of the American Public Health Association, was recently elected to honorary fellowship in the Society of Medical Officers of Health of Great Britain.

Katharine B. Blodgett, of the General Electric Research Laboratory at Schenectady, received the 1951 Francis P. Garvan Medal honoring women in chemistry at the American Chemical Society's meeting in Cleveland. Dr. Blodgett is an authority on surface chemistry, and her findings have led to the development of "invisible" glass and thickness gauges that can detect a variation of one millionth of an inch. Her medal address, delivered before the Division of Physical and Inorganic Chemistry, dealt with "Interference Colors Reflected by Thin Films."

Maurice L. Brashears, Jr., of the Mineola, N. Y., office of the Ground Water Branch, Water Resources Division, USGS, has been assigned as a visiting expert consultant on water supplies to SCAP and the Japanese government. Mr. Brashears expects to be in Japan for several months. **Norbert J. Lusczynski** will be acting engineer in charge of the Mineola office during Mr. Brashears' absence. **Theodore Arnow** left Mineola on assignment to the Trust Territory. He will work especially with the Navy's program for the investigation of water supplies in the islands.

The Atomic Energy Commission has appointed **John C. Bugher** deputy director of the Division of Biology and Medicine. Since 1938 Dr. Bugher has been a member of the staff of the International Health Division of the Rockefeller Foundation, engaged in research and control of various infectious diseases, particularly yellow fever in Africa and South America.

C. Scott Fletcher, president of Encyclopaedia Britannica Films, Inc., has resigned as head of the firm to join the Ford Foundation.

Robert P. Gilbert, Chicago physician, has joined the Northwestern University Medical School faculty as director of the teaching program at Cook County Hospital. He will direct the course work conducted at the hospital by the Medical School's Department of Medicine and will continue his research on heart ailments.

Jack C. Greene, of the Atomic Energy Commission, has been appointed a consultant on radiological instruments in the Health Services and Special Weapons Defense Division of the Federal Civil Defense Administration. Mr. Greene joined the AEC in 1947, working as assistant chief of the Radiation Instruments Branch, which is responsible for the over-all coordination of radiation instrument development, as well as liaison with instrument manufacturers.

Folke Henschen, of Stockholm, has accepted a chair of pathology at the University of Cairo, with the title of visiting professor. He will teach for a six-month term.

George M. Hocking, professor of pharmacognosy and pharmacology at the University of New Mexico, has been given a temporary appointment as forestry officer in FAO. He will serve as consultant to Pakistan on matters relating to the production of crude drugs from wild and cultivated plants.

Yaeko Kawai, 29-year-old doctor from Tokyo, is in this country to study for a year at the Institute of Physical Medicine and Rehabilitation of the New York University-Bellevue Medical Center. A graduate of the Women's Medical College of Tokyo, Dr. Kawai came to the U. S. on the \$2,000 Harriet Ford Griswold Award of Kappa Kappa Gamma, national women's college fraternity. She is on leave of absence from the First National Hospital of Tokyo. A specialist in gynecology, Dr. Kawai also belongs to the Japanese affiliate of the International Society for the Welfare of Cripples. Among her aims is the establishment in Japan of a training program for the rehabilitation of handicapped persons.

The American Association of Candy Technologists will present the Stroud Jordan Award for outstanding contributions in the field of candy technology to **James A. King**, vice president, Nulomoline Division, American Molasses Company. This award, established in commemoration of the contributions made by the late Stroud Jordan to the confectionery industry, and made available through the cooperation of The American Sugar Refining Company, will be presented during the annual meeting of the AACT, June 5, at Chicago.

Morton F. Leopold, who has been in charge of motion-picture production for the Bureau of Mines for more than three decades, has been presented a gold medal and a citation for distinguished service. Mr. Leopold joined the Bureau a few months after its creation in 1910. He developed the pattern of cooperative government-industry film production that has enabled the bureau to build up the largest free loan library of educational motion pictures of its kind in the world.

S. Allan Lough, who was chief, Radioisotopes Branch, Isotopes Division, AEC, has been named assistant chief, Isotopes Division. In his new position he will assist Paul C. Aebersold in the over-all operation of the commission's isotope distribution program. Dr. Lough succeeds **Nathan H. Woodruff**, who is now serving as technical assistant to the manager of the commission's Oak Ridge Operations.

The University of Chicago Press has announced the election of **Franklin C. McLean** as secretary of the

University of Chicago Committee on Publications in Biology and Medicine. Dr. McLean is professor of pathological physiology at Chicago, as well as director of the Atomic Energy Project at the university's toxicity laboratory. The committee, which is responsible for the selection of works in biology and medicine for publication by the University of Chicago Press, is composed of **Emmet B. Bay**, **Lowell T. Coggeshall**, **Lester R. Dragstedt**, **Thomas Park**, and **William H. Taliaferro**.

Carl Neuberg, visiting professor at the Polytechnic Institute of Brooklyn, has been appointed associate with the rank of professor at the New York Medical College Flower and Fifth Avenue Hospitals.

Ralph M. Patterson, of the University of Michigan Medical School, has been appointed head of the professional staff at the new Columbus Receiving Hospital in the Ohio State University Health Center, and professor of psychiatry in Ohio State's College of Medicine. **Calvin L. Baker**, commissioner of mental hygiene in Ohio, has been designated to supervise the institution for the Department of Public Welfare. The 140-bed receiving hospital, now nearing completion, is designed for the treatment of neuropsychiatric patients and is to be operated in connection with the medical college at Ohio State.

Kenneth Sanborn Pitzer, AEC research director, received from alumni of the University of California the "Alumnus of the Year" award for his outstanding achievements in 1950. Dr. Pitzer received his Ph.D. at the university in 1937 and became full professor of chemistry in 1945. In recognition of his achievements in the field of thermodynamics, he was awarded the Precision Scientific Company Award in Petroleum Chemistry in 1950. Dr. Pitzer was appointed to the AEC post early in 1949, to implement the present program of the commission and to initiate new fundamental research.

Arth O. Poulsen, geologist and mining engineer with the Geological Survey of Norway, is in the U. S. under the auspices of ECA for a two-month study of extraction, refining, and use of mica and nepheline. Mr. Poulsen's program provides for the study of methods used by the Bureau of Mines and the U. S. Geological Survey.

Miriam Reiner, who was senior assistant chemist in the Department of Chemistry, Mount Sinai Hospital, New York, has been appointed director of the Chemical Laboratory of Gallinger Municipal Hospital, Washington, D. C. She will continue her research on the electrophoresis of serum proteins.

As Sigma Xi national lecturer **George Scatchard**, of MIT's Chemistry Department, has been lecturing on the properties of blood and plasma substitutes that make them effective for serving their function in the body. Dr. Scatchard has presented the results of his research before more than 25 Sigma Xi chapters and clubs.

John C. Sheehan, associate professor of organic chemistry at MIT, received the \$1,000 American Chemical Society Award in Pure Chemistry, financed by the professional chemical fraternity Alpha Chi Sigma, during the Boston session of the Society's 119th national meeting. Dr. Sheehan is best known for his part in the research leading to the synthesis of penicillin, and for his share in developing the Bachmann process for preparing the high explosive RDX. Actual discovery of RDX was made by **Werner E. Bachmann**, professor of chemistry at the University of Michigan since 1925. Dr. Bachmann, 49, died suddenly on March 22 in University Hospital, Ann Arbor.

The Leopold Memorial Medal for service to wildlife conservation, named after the University of Wisconsin's famed conservationist, the late Aldo Leopold, was awarded to **Carl D. Shoemaker** of Washington, D. C., at the annual banquet of the North American Wildlife conference in Milwaukee. Mr. Shoemaker, second recipient of the Leopold medal, given annually by the Wildlife Society, is editor of *Conservation Report*, a publication of the National Wildlife Federation, and he has also been editor of *Conservation News Service* for the National Resources Council of America. He edited the *Status of Wildlife in the United States*, a senate document widely used as a reference work for wildlife, soils, forests, and water.

Lyndon F. Small, of the National Institutes of Health, has been appointed chief of the Laboratory of Chemistry in the National Institute of Arthritis and Metabolic Diseases. He succeeds **Claude S. Hudson** who retired last month. Dr. Small, editor-in-chief of the *Journal of Organic Chemistry*, has been chief of the Section on Chemotherapy.

Royal W. Sorensen, professor emeritus of electrical engineering at Caltech, has been notified of his election as an honorary member of the Institute of Electrical Engineers of Japan. The only other living honorary member of the organization is Irving Langmuir. His certificate of membership will be delivered by Matsujiro Oyama, dean of the Faculty of Engineering, Tokyo University, and past president of the IEEJ, during his current visit to the United States as a member of the Joint Mission of Education and Research. The IEEJ was founded in 1888 and now has a membership of 12,000. It is one of the leading Japanese engineering institutes.

J. Robert Van Pelt, mining engineer and research executive of Columbus, Ohio, has been named president of the Montana School of Mines at Butte, succeeding the late president, **Francis A. Thomson**. Dr. Van Pelt has been on the staff of Battelle Memorial Institute since 1945.

Claude W. Wardlaw, professor of cryptogamic botany at the University of Manchester, has been appointed Prather lecturer in biology at Harvard University for the spring term of 1950-51. During the last three weeks of April, he will give a series of seven public lectures on "Morphogenesis in Plants."

Colleges and Universities

Expansion of the science curriculum at **Brandeis University**, which will begin its fourth academic year in September, will allow several faculty appointments in general physiology, embryology, genetics, vertebrate zoology, and a general education course in biology. In addition, a number of teaching fellowships in physics, chemistry, and biology will be available. Inquiries may be addressed to Chairman, School of Science, Brandeis University, Waltham, Mass.

The **University of Bridgeport** will hold a workshop in intergroup relations July 30–August 15, designed for teachers, educational administrators, social workers, and lay leaders. The Bridgeport public schools and the state Department of Education are cooperating agencies.

Duke University will hold the first of a series of Science Teachers Laboratory Conferences July 23–27 in two sections, biological and physical. Work will feature experiments that may be performed in any high school with the usual equipment available. Paul H. Clyde is director of the Summer Session. The **School of Medicine and Duke Hospital** will offer a month's course (July 2–July 28) in medical mycology, under the direction of Norman F. Conant, to whom inquiries should be directed.

Kansas State will offer for the first time work leading to the Ph.D. degree in agronomy and in applied mechanics, beginning June 1. The Agronomy Department, of which Harold E. Myers is head, has a research farm near the Manhattan campus and acreages at five branch experiment stations, plus wind, soils, and plant research laboratories. C. H. Scholer, head of the Department of Applied Mechanics, is an authority on concrete, and is in close touch with the work of the Portland Cement Association, the bureaus of Reclamation and Public Roads, and the Army Engineers.

MIT will survey the theory and applications of servomechanisms and system engineering in a special course August 20–31. Industrial applications will be stressed, according to Donald P. Campbell, who will be in charge. Another special summer course will be in the principles of textile research, July 2–27. Edward R. Schwarz will be in charge. Information on summer sessions may be obtained from Walter H. Gale, Room 3-107, MIT, Cambridge 39.

The **University of Michigan's** Survey Research Center began a study this month at the Maytag Company, Newton, Iowa, under the direction of Gerald Mahoney. Factors related to job satisfaction and work attitude of approximately 4,000 workers, including first-level supervisors, will be covered. Results will be available in November.

The **State University of New York College of Medicine**, Syracuse, and the **Syracuse University School of Nursing** will offer a workshop in tuberculosis

nursing July 30–August 10. The course is designed to give public health, institutional, and other eligible graduate nurses an understanding of the public health and epidemiological aspects of tuberculosis control.

The **Nursery Training School of Boston**, which is affiliated with Tufts College, will offer a special course, "Implementing the Mid-Century White House Conference," July 26–August 2, and a tryout course for students considering entering the field of early childhood education. The regular summer courses will also be given. Address Katherine J. Jones, 355 Marlborough St., Boston 15, for further information.

Eight Germans from the Western Zone began a nine-week study of state and city lawmaking practices at **Ohio State** April 2. The visit is sponsored by the High Commissioner for Germany and the Department of State, and administered by the Governmental Affairs Institute. The first four weeks, to be spent at Columbus, will be directed by Harvey Walker of OSU's political science faculty. Fifth and sixth weeks will include visits to Cincinnati, Louisville, Frankfort, Nashville, Knoxville, and the TVA. After another week in Columbus, the party will spend two weeks in Washington in a study of the democratic process as exemplified in the Congress. Two similar groups are scheduled to visit the U. S. later this spring and summer.

The **University of Rhode Island**, in cooperation with the Woods Hole Oceanographic Institution, is offering a graduate training program in biological oceanography and marine fishery biology, under the general supervision of Charles J. Fish. A limited number of students are enrolled in alternate years; the next class, which will enter in September, will spend the first year in Kingston and at Narragansett Marine Laboratory. The second year may be spent either at Woods Hole or at Narragansett. Five fellowships of \$1,200 per year are available. Address applications to the Director of Admissions, University of Rhode Island.

Wayne University College of Education will give up to eight hours of credit for a ten-week field trip that includes travel through England, France, Western Germany, and eight other European countries. Teachers, students, and professional people are eligible and should apply at once to William Reitz, professor of education, who will conduct the tour. The group will leave from New York on June 23 and return September 2.

The **West Virginia University Biological Expedition** will offer field courses in general botany and zoology to undergraduate and graduate students, both courses running concurrently June 7–July 17. Work is done from several camps set up at different locations in the state. The botany course will be conducted by Herald L. Bennett, zoology by Leland H. Taylor, director of the expedition. Dr. Taylor, Department of Biology, will supply further information.

In the Laboratories

Hercules Powder Company, through its English subsidiary, has entered into an agreement with James Nelson Limited, of Lancashire, and Erinoid Limited, of Stroud, Gloucestershire, for the production of cellulose acetate in England. A modern plant under construction in Lancaster will supply the compound for these producers of rayon and plastics as well as to other industrial consumers in Great Britain and elsewhere abroad.

Johns-Manville Corporation has begun the construction of a new building at its research center near Manville, N. J., to expand its development of substitutes for critical materials and other defense work, including jet aircraft blanket insulations, high-temperature gaskets and seals, filters for radioactive dusts, improved fireproof clothing, and heavy-duty friction materials.

The M. W. Kellogg Company, refinery and chemical engineers, will act as over-all project managers of a modern gasoline-from-coal synthesis plant to be constructed in South Africa in the near future. Using the Kellogg Synthol Process, the plant will be built for South African Coal, Oil and Gas Corporation Ltd., along the Vaal River, near Coalbrook, Orange Free State, 40 miles south of Johannesburg. Kellogg has recently placed in operation at Bahia the first cracking refinery in Brazil, for Refinaria Nacional de Petroleo, S. A.

Foster D. Snell, Inc., 30-year-old New York City firm of consulting chemists and engineers, has added William Kanninen, A. Haldane Gee, and Irving Seidenberg to the technical staff. Mr. Kanninen will be in charge of the Food Technology Department carrying out work on vitamin enrichment of foods, food preservation, antioxidants, and food packaging. Dr. Gee has been appointed director of bacteriology and toxicology, and will supervise toxicity tests on animals and humans, and bacteriostatic, fungistatic and antiseptic tests. Mr. Seidenberg has been appointed chief bacteriologist. The firm has just opened new offices and laboratories at Bainbridge, N. Y., where the Supplee Division will maintain a rat colony and assay vitamin D for dairies in the district.

Tracerlab, Inc., manufacturer of nuclear instruments and synthetic radioactive compounds, has taken over **The Kelley-Koett Manufacturing Company**, of Covington, Ky., and Cincinnati. The 51-year-old x-ray equipment firm also manufactures instruments for the detection and measurement of radiation.

A citation for distinguished public service was presented to Ernest H. Volwiler, president of **Abbott Laboratories**, by the Association on American Indian Affairs at an exhibition in New York City of 30 documentary paintings illustrating Indian health and medical needs. Abbott commissioned four prominent American artists in 1949 to make a survey of the Indians' plight. The presentation of a scroll carrying

the citation was made to Dr. Volwiler by Maria Tallchief, noted Osage ballerina, at a preview of the paintings in the Sherry-Netherlands hotel.

The Army Quartermaster Department will build an 11-million-dollar research laboratory on a 20-acre site at Natick, Mass., about 15 miles from Boston. Principal fields to be investigated will be food and containers, mechanical products, textiles, clothing and footwear, environmental protection, chemicals and plastics, and fuels and lubricants.

Chicago Research Group has acquired an exclusive license, with right to grant sublicenses, under the Hesler and Behrman U. S. Patent No. 2,415,558, which covers a process using anion-exchange resins for purifying solutions of organic acids containing as impurities relatively small amounts of stronger inorganic acids such as sulfuric or hydrochloric acid. Correspondence regarding sublicenses should be addressed to Chicago Research Group, 9 S. Clinton St., Chicago 6.

Harvard is beginning the construction of a new laboratory building, to be called the Gordan McKay Applied Science Laboratory in honor of the New England engineer and inventor. It will be devoted to advanced study and research in engineering and applied science. Also to be built this spring is Allston Burr Lecture Hall, to provide additional lecture halls and conference rooms for the expanded general education courses in the humanities and the social and natural sciences.

Chas. Pfizer & Co. have begun the commercial production of crystalline Vitamin A Acetate at their new plant in Groton, Conn. It is expected that the plant will be able to produce 50% of the total U. S. civilian and military need for the vitamin. Pfizer claims that their product shows no substantial deterioration when exposed to air at high temperatures for 1,200 hours, approximately equivalent to storage for 3 years under normal conditions.

The Statistical Laboratory of **Iowa State College** has available several graduate assistantships in statistics, beginning spring and fall quarters, 1951, and paying \$1,125 for 9 months. Interested, qualified students are invited to apply as soon as possible.

Armour & Company began building a new blood-processing plant at Fort Worth last month, in which the Armour Laboratories will produce dried human blood plasma under an Army contract. The only such plant in the Southwest, it will be expected eventually to handle up to 15,000 pints of blood a month. There are no plants nearer than Los Angeles and Indianapolis.

The Divisions of Tuberculosis and Chronic Disease of the Public Health Service have been consolidated. The new division will be called the **Division of Chronic Disease and Tuberculosis**, and will be headed by R. J. Anderson.