

News and Notes

Scientists in the News

Thomas Page Anderson, of the Mayo Foundation, has been appointed director of the department of physical medicine for the new Medical Health Center at Ohio State. The appointment is effective April 1. Dr. Anderson, who has been a fellow in physical medicine at Mayo since January 1948, will direct the work in the new center concerned with the rehabilitation of chronic medical and post-traumatic and post-surgical patients. He succeeds **Shelby Gamble**, who resigned to go to the Cleveland Clinic. In the interim, the acting director is **Richard H. Jacques**.

Wallace W. Atwood, Jr., has been appointed executive secretary, Division of International Relations, National Academy of Sciences-National Research Council. He will have responsibility for the activities of the joint organization in international scientific relations, under the direction of Roger Adams, foreign secretary of the academy and chairman of NRC's Division of International Relations. Dr. Atwood will be liaison officer with the Office of the Science Advisor, Department of State, and will represent the NRC in matters pertaining to international scientific unions, Unesco relations, international exchange of scientific literature, and similar activities. He was formerly with the RDB Committee on Geophysics and Geography.

Connecticut Supreme Court Justice **Raymond E. Baldwin** has been appointed to the Board of Control of the Connecticut Agricultural Experiment Station succeeding **Edward C. Schneider**, professor of biology at Wesleyan University, who recently retired after 31 years of service. The appointment comes from Wesleyan University, of which Judge Baldwin is an alumnus. Under the station charter, the responsibility of appointing one member of the station's Board of Control rests with Wesleyan. Other appointments come from the Sheffield Scientific School, the University of Connecticut, and the Governor. In addition, the Governor, the Commissioner of Farms and Markets, and the Director of the Station are members ex officio.

Visitors at the Bureau of Standards during the past few weeks included: **Lars Bjellerup**, Department of Organic Chemistry, University of Lund, who has joined the National Bureau of Standards as a guest worker in its Thermodynamics Section for six months; **Robert F. Legget**, Division of Building Research, National Research Council of Canada, Ottawa; **Harald A:son Moberg**, Swedish Government Agricultural Machinery Testing Institute, Uppsala; **Jan C. Stryland**, Van der Waals Laboratory, Amsterdam; **Leonardo Villena**, Instituto de Optica "Daza de Valdes," Madrid; **J. S. Foster**, Department of Physics, McGill University, Montreal; **Sigeti Moriguti**, University of Tokyo; **J. A. Haring**, Laboratory of N. V. Philips Co., Eindhoven;

Taro Tanaka, Technical Research Institute, Ministry of Transportation, Tokyo; **Yutaka Tanaka**, National Hygienic Laboratory, Tokyo; and **G. E. Tummers**, State Mines, Netherlands.

Gösta Brown, **Stig Lublin**, and **Per Norbäck**, of the Royal Institute of Technology, University of Stockholm; **G. C. Chatterji**, Geological Survey, Calcutta; **John M. Dodds**, Metropolitan-Vickers, Manchester, Eng.; **Cayaid Ener**, University of Istanbul; **J. C. R. Heydenrych**, National Physical Laboratory, Pretoria; and **M. Tomota**, Yokogawa Electric Works, Tokyo, were other recent visitors at the Bureau of Standards. **Andre Juliard**, professor of chemistry of the University of Brussels, who is currently with the University of Pennsylvania as an exchange professor, also visited the Bureau.

Charles M. B. Cadwalader has announced his retirement as president of the Academy of Natural Sciences of Philadelphia. His successor, **M. Albert Linton**, is the nineteenth president of the Academy since its founding in 1812. Mr. Cadwalader will continue as a member of the board. He has been active in the direction of the academy for nearly 25 years, 13 of which he served as president.

Eugenie Clark, who is working at the Marine Biological Station at Ghardaqa, Red Sea, Egypt, as a Fulbright scholar, has been appointed a research associate in the Department of Animal Behavior of the American Museum of Natural History.

Howard S. Coleman, head of the Optical Research Laboratories at the University of Texas, has become director of Bausch & Lomb Optical Company's Scientific Bureau. Dr. Coleman graduated from Penn State in 1938, and earned his doctorate there in physics while serving as an instructor. Since then he has specialized in optics at Frankford Arsenal (Philadelphia), Penn State, and the University of Texas, where he was in charge of the optical laboratories and teaching programs in optics.

Jean A. Curran has been appointed dean of the State University College of Medicine in New York City. Dr. Curran was president of the Long Island College of Medicine until that school was merged last April with the State University to form the State Medical School. **Duncan Clark**, who was dean of the former Long Island College, has been made professor of environment medicine and community health. The New York City unit is one of two state university medical colleges. The other is at Syracuse University.

G. Brooks Earnest, professor of engineering surveying at Case Institute of Technology, has been named dean of the Fenn engineering school, and **Adrian D. Joyce**, chairman of the board of the Glidden Company, has been elected to the Fenn board of trustees. Professor Earnest, consulting director of the Cleveland Geo-

detic Survey, a director of the American Society of Civil Engineers and of the Cleveland Society of Professional Engineers, succeeds **S. M. Spears**.

Robert F. Field has retired from the General Radio Company Engineering Department after 21 years of service. He was formerly a member of the faculty of Harvard University.

Richard Foster Flint, professor of geology at Yale, left February 2 for Europe to lecture on recent developments in Pleistocene research, at the universities of Cambridge, London, and Paris, and the Geological Society of London.

John F. Fulton, Yale physiologist, has been named to fill the newly created position of Sterling professor of the History of Medicine. He will continue with certain phases of his physiological research.

R. Ruggles Gates, of The Biological Laboratories, Harvard, was recently elected a life fellow of the Royal Society of Arts (London) and an honorary member of the Botanical Society of Japan (Tokyo).

Donald Lincoln Herr has been appointed head of the Section for Guided Missile Research and Development—Production Coordination, and also member of the Advisory Council of the Research and Development Laboratories, Hughes Aircraft Company, Culver City.

Shu Chu Shen has been appointed assistant research professor of medicine at Tufts College Medical School. He will continue his cancer research work in hematology at the Holy Ghost Hospital, Cambridge, as a senior Damon Runyon research fellow. **George Meissner**, formerly at McGill University, Department of Pathology, has been appointed assistant professor of pathology at Tufts, research associate in the Tufts Cancer Research and Cancer Control Unit, and pathologist of the Jewish Memorial Hospital in Roxbury, Mass.

G. L. R. von Koenigswald, discoverer of the Java ape man and professor of paleontology at the University of Utrecht, has gone to South Africa to study the ape-man fossils, and is working with **Robert Broom** at the Transvaal Museum.

Russell M. Wilder has been appointed director of the recently established National Institute of Arthritis and Metabolic Diseases of the Public Health Service. **Floyd S. Daft** will be associate director of the new institute. Dr. Wilder retired December 31 as head of the Department of Medicine of the Mayo Foundation and senior consultant in medicine of the Mayo Clinic.

Richard J. Winzler, professor in the Department of Biochemistry and Nutrition at the University of Southern California, is spending six months of his sabbatical leave at the University of Wisconsin as visiting research professor in the Department of Physiological Chemistry.

Fellowships

Angel Ramos, editor and publisher of *El Mundo*, San Juan daily newspaper, has established a \$1,000 scholarship at the **Columbia University School of Journalism** for a Puerto Rican student. Ramos established the scholarship with the prize money he received in 1950 as recipient of a Maria Moors Cabot journalism award.

The **Bausch & Lomb Honorary Science Awards** program will be administered for the eighth consecutive year by the University of Rochester. Science pupils in nearly 5,000 secondary schools will compete for scholarships having a maximum value of \$3,200 each. Twelve or more will be selected as finalists, from whom three winners will be chosen. Applications should be filed with the University of Rochester by *March 10*.

Seventy-eight postgraduate and postdoctoral fellowships in 47 universities and grants-in-aid to ten universities, in the amount of \$390,400, will be awarded by **E. I. du Pont de Nemours** for the academic year 1951-52. The fellowships will cover various scientific fields, and the grants-in-aid will provide \$10,000 to each university for unrestricted use in fundamental chemical research. The ten universities are Caltech, Cornell, Harvard, Illinois, MIT, Minnesota, Ohio State, Princeton, Wisconsin, and Yale.

Sloan Fellowships for advanced study in economics and business administration at MIT will be awarded to fourteen young business executives. Awards range up to \$3,720, and sponsorship by the employer is prerequisite. Applications must be made by *February 24* to Gerald B. Tallman, Executive Development Program, MIT, Cambridge 39, Mass.

The Vassar Plant Science Department is offering the **Helen Gates Putnam Graduate Fellowship in Conservation** for candidates who wish to work in the fields of microbiology, ecology, or plant physiology. For application blanks (returnable by *April 1*), write to Gladys E. Baker, Department of Plant Science, Vassar College, Poughkeepsie, N. Y.

Grants

The **Mount Desert Island Biological Laboratory**, Salisbury Cove, Maine, has received a grant of \$10,000 from the Heart Institute of the USPHS. The grant will be used to further the work of training young investigators in the field of renal and cardiovascular physiology.

Utah State Agricultural College has received a USPHS grant of \$50,220 for the study of insecticide residues in animal food products following their application to forage crops and subsequent consumption by animals. The project is under the direction of Clyde Biddulph.

Bernard Longwell, professor in the Department of Biochemistry, University of Colorado School of Med-

icine, has been awarded a USPHS research grant of \$12,425 for the study of the effect of diabetes mellitus on the processes of reproduction.

The **Sugar Research Foundation** has given the Harvard School of Public Health a grant-in-aid for the study of sugar as the base for emergency rations for civilian populations. Six other laboratories that will share in the \$146,835 appropriated for research this year by the foundation are at Emory University, Jefferson Medical College, Boston City Hospital, University of Pennsylvania School of Medicine, California Foods Research Institute, and Belmont Chemical Sales Development Co.

The **New York Zoological Society** has made a grant of \$4,000 a year for three years to the Marine Biological Laboratory, Woods Hole, Mass., in support of a new course in marine ecology. Open to graduate students, the new course will begin this year.

The Cancer Research Institute of the Hospital de Enfermedades de la Nutrición, of Mexico City, has received a grant of \$5,000 from the **Damon Runyon Fund** for research in the use of steroid drugs in the treatment of cervico-uterine cancer. A \$10,000 gift to the same group was made by the Mexican hormone-manufacturing firm **Syntex, S. A.** Both grants were announced during the First International Symposium on Steroids in Clinical and Experimental Practice, held in the Mexican capital January 15.

The **Catherwood Foundation**, of Bryn Mawr, will provide funds to the Department of Limnology of the Academy of Natural Sciences, Philadelphia, to perfect a method for continuous scientific reading of the condition of any given stream, by means of a device which the academy is developing. Ruth Patriek is in charge of the limnological research.

New grants totaling \$86,000 have been made by **Research Corporation** to support basic research in academic institutions. A special grant was made to the National Research Council for the publication of the *International Tables of Crystallographic Data*.

In the Laboratories

Brush Development Company has acquired the Faxfilm Company, of Cleveland, in a move to expand its line of surface-measuring instruments. Faxfilm is a process in which an exact reverse replica of a surface is made in clear plastic and projected in a micro-projector to give a three-dimensional effect. Tool scratches have been recorded down to a furrow 6/1,000,000 of an inch deep. R. W. Cook, former president of Faxfilm, will be associated with Brush Development.

Sterling-Winthrop Research Institute has made the following additions to its research staff: Clifford H. Casey, William B. Dickinson, Alice E. Fruehan, William T. Hunter, Maurice C. Olivier, John C. Seed, Burnett C. Southworth, Miriam L. Thompson, and John M. Winton.

Du Pont is constructing a new \$2,700,000 laboratory-farm near Newark, Del., for a study of the control of bacterial and virus diseases, parasites and insects, and animal nutrition. Named for Charles M. A. Stine, retired Du Pont chemist, the farm is expected, by means of laboratory research, to produce improved medicines and food for animals.

The first industrial research unit in Latin America, the **Mexican Institute of Industrial Research**, has been organized as the outgrowth of a technological audit conducted by Armour Research Foundation. The new institute, which is sponsored by the Bank of Mexico and the Nacional Financiera, is located in the Loma Hermosa district of Mexico City, where it occupies 15,000 square feet of floor space. Among current projects is a search for a fuel to replace wood charcoal. Studies on the dehydration and storing of tortilla flour have resulted in the solution of a major problem of production and distribution. **Mais Industrializado, S. A.**, in which the Mexican government has invested 3 million pesos, will soon be producing 100 tons of dehydrated flour daily. Milton E. Nelson, assistant director of the International Division of Armour Research Foundation, is director of laboratories at the institute and in charge of all technical research.

Sponsored by more than twenty corporations, representing oil, roofing, molded products, sealing compounds, and allied industries, the **National Asphalt Research Center** was recently established at The Franklin Institute Laboratories for Research and Development in Philadelphia. Major efforts during the first year will be directed toward devising practical and scientifically correct methods for measuring elasticity, plasticity, viscosity, and adhesion to solid surfaces at various temperatures and rates of shear.

Meetings and Elections

The **Eastern North American Region of the Biometric Society** held its annual meeting in Chicago on December 27-29 jointly with the Biometrics Section of the American Statistical Association and the Institute of Mathematical Statistics. At the regional business meeting on December 29, the following officers were named for the year 1951: vice-president, Horace W. Norton; secretary-treasurer, Walter T. Federer; Members of the Regional Committee for the period 1951-53, Donald Mainland and H. L. Lucas. The scientific program consisted of ten sessions. On Wednesday, December 27, there were sessions on "Statistical Problems in Radiobiology" under the chairmanship of A. E. Brandt, with papers by Bruce Wallace, S. L. Crump, and H. B. Jones; on "Theory of Variance Components" under the chairmanship of W. J. Youden, with papers by S. L. Crump, W. G. Cochran, and J. W. Tukey; on "Precision of Measurements" under the chairmanship of W. E. Deming, with papers by C. Eisenhart, F. E. Grubbs, and J. C. Whitwell; and on "Sources of Morbidity Statistics" under the chairmanship of H. F. Dorn, with papers by A. B. Thompson, N. R. Deardorff, and T. Woolsey.

and S. Collins. The sessions on Thursday were entitled "Statistical Methods in Pharmacology and Immunology," with L. Miller presiding, and papers by L. F. Knudsen and H. C. Batson; "Application of Variance Components," with G. W. Snedecor presiding, and papers by W. A. Hendricks, R. E. Comstock and H. F. Robinson, and J. M. Cameron; and "Sample Survey Techniques," with W. F. Callander presiding, and papers by D. S. Robson and A. J. King, F. E. McVay and H. Tucker, and R. L. Anderson and A. L. Finkner. The sessions on Friday were "Statistical Methods in Medicine" under the chairmanship of H. Muench, with papers by E. Fix and J. Neyman, D. Mainland and J. W. Hopkins, and J. L. Hodges; "Contributed Papers" under the chairmanship of Evelyn Fix, with papers by C. J. Maloney, I. J. Bross, O. Felsenfeld, and N. Mantel; and "Contributed Papers" under the chairmanship of R. Gage, with papers by L. D. Calvin, F. E. Satterthwaite, W. T. Federer, and M. E. Morgan, P. MacLeod, C. I. Bliss, and E. O. Anderson.

W. T. FEDERER, *Secretary-Treasurer*

The annual meeting of the three national petroleum exploration societies will be held at the Jefferson Hotel, St. Louis, April 23-26. This is the 36th annual meeting for the **American Association of Petroleum Geologists**, the 24th for the **Society of Economic Paleontologists and Mineralogists**, and the 20th for the **Society of Exploration Geophysicists**. Secretary of the Interior Oscar Chapman will deliver the principal address on Tuesday, April 24.

The **American Crystallographic Association** is holding its winter meeting at the National Bureau of Standards this week in connection with the fiftieth anniversary celebration of the Bureau.

The **American Institute of Mining and Metallurgical Engineers**, meeting in St. Louis February 19-22, will hold 80 separate meetings, at which 250 scientific papers will be presented in the various fields of mining and metallurgy.

At the joint meeting of the **Association for Computing Machinery** and the **Industrial Mathematics Society**, March 27-28, at Wayne University, Detroit, papers will be presented on both analog and digital machines and on their scientific, engineering, and business applications, together with a display of components.

Newly elected officers of the **International Council of Women Psychologists** are: president, Lillian G. Portner; vice president, Mary Ford; and secretary-treasurer, Naomi Ekdahl.

The **Institute of Navigation** will hold its 1951 Eastern Regional Meeting March 8-9 at the Shoreham Hotel, Washington, D. C. Rear Admiral Leo O. Colbert, former director of the U. S. Coast and Geodetic Survey, will be general chairman.

Torrey Botanical Club, at its annual dinner at Hunter College, January 16, elected the following officers:

president, A. E. Hitchcock; vice presidents, M. A. Johnson, and L. M. Black. P. W. Zimmerman and R. H. Cheney were elected AAAS Council representatives.

Deaths

John Robert Loofbourow, 48, professor of biophysics and executive officer of the Department of Biology at MIT, died suddenly on January 22. Dr. Loofbourow was executive secretary of the MIT Radiation Laboratory from 1942 to 1946, and special advisor to the Atomic Energy Commission in 1947 and 1948. For "outstanding services to his country," he received the President's Certificate of Merit in 1948. In addition to his departmental duties, he was serving as chairman of the faculty of MIT at the time of his death. Dr. Loofbourow was survived by his widow, **Dr. Dorothea G. Loofbourow**, a member of the staff of the Massachusetts General Hospital, by only a few days. She died February 1 at the age of 48.

Harald Bohr, Danish mathematician, and younger brother of Niels Bohr, died January 21 at the age of 63. He was professor at the University of Technology in Copenhagen for fifteen years, later becoming professor of mathematics at Copenhagen University. Dr. Bohr last visited the United States in 1950 during the meeting of the International Congress of Mathematicians at Harvard.

Daniel Buchanan, professor emeritus of mathematics and dean emeritus of the Faculty of Arts and Sciences of the University of British Columbia, died in Vancouver on December 1 at 70. A graduate student of F. R. Moulton, former AAAS Administrative Secretary, Dr. Buchanan was a specialist in mathematical astronomy and celestial mechanics.

A retired Agriculture Department entomologist and former associate curator of the National Museum's Insect Division, **James Chamberlain Crawford**, died recently at 70. He was a specialist on the Mexican bean beetle.

Anna Linder, well-known Swedish Red Cross nurse of World War I, died recently in Stockholm at the age of 77. For her war work she was made honorary doctor of medicine at Uppsala University.

Robert U. Patterson, Maj. Gen., ret., an honorary consultant to the Army Medical Library, died at Walter Reed General Hospital, Washington, D. C., December 6. He had been Surgeon General of the Army and dean of the medical schools of the universities of Oklahoma and Maryland.

Wilhelm Schüffner died recently at the age of 83. During his early years of medical practice in Sumatra, Dr. Schüffner made the discovery (1899) of the Schüffner's dots in *Plasmodium vivax*. In later years he was in charge of preventive medicine in the Netherlands Indies and then professor of tropical medicine at the Institut Colonial Royal d'Amsterdam, of which he was medical director from 1924 to 1937.