

News and Notes

Scientists in the News

Hale Aarnes has been appointed chairman of the Education Department at the North Dakota Agricultural College. Dr. Aarnes will take charge of the teacher training and student teaching. **Ernest Estensen** will assume responsibility for coordinating graduate work in the department and will devote a major portion of his time to graduate teaching and research in education and psychology. He has also been appointed to the College Graduate Council to represent the School of Arts and Sciences. **Merritt Flynn** will be in charge of the teacher placement service.

Samuel E. Q. Ashley, General Electric Company research engineer, attended the International Congress on Analytical Chemistry at Oxford, and a meeting of the International Union of Pure and Applied Chemistry, of which he is secretary of the Analytical Section. Following the meetings at Oxford, he planned to investigate industrial electrical applications of analytical and inorganic chemistry in England, France, Switzerland, Germany, Sweden, and other European countries.

Harlan P. Banks, professor of botany, has been appointed head of the Botany Department at Cornell University. He succeeds **Lewis Knudson**, who retired July 1 after 44 years as a member of the Cornell faculty (*SCIENCE*, 116, 80 [1952]).

Oliver E. Buckley, chairman of the board of Bell Telephone Laboratories, Inc., retired Aug. 31, after 38 years of service in the Bell System. He joined the Western Electric Company in 1914 as a research physicist and in 1925 was made assistant director of research of the Bell Telephone Laboratories. In 1936 he became executive vice president and served as president from 1940 until 1951, when he was made chairman of the board.

G. A. Cook is retiring as secretary of the Commonwealth Scientific and Industrial Research Organization following more than 30 years' service with the organization and its predecessors, the Institute of Science and Industry and the Council for Scientific and Industrial Research. Mr. Cook joined the Institute of Science and Industry as scientific abstractor in 1922, and in 1927 he was made assistant secretary of CSIR and for many years was also officer in charge of its Information Service. He succeeded G. Lightfoot as secretary in 1944.

Carey Croneis, president of Beloit College, and **Edward McCrady**, vice chancellor of the University of the South, have been appointed to the Committee on Institutional Research Policy of the American Council on Education. The new members were selected to represent the point of view of the smaller colleges,

whose problems in relation to sponsored research differ somewhat from those of large universities.

Richard Finsterwalder, geomorphologist and glaciologist, of Munich, Germany, who has done considerable work in the Alps and the Himalayas, was a recent visitor at the U. S. Geological Survey.

Ralph W. Gerard has been appointed professor of neurophysiology at the University of Illinois College of Medicine. He will head the Research Laboratories of the Department of Psychiatry at the Illinois Neuropsychiatric Institute, and will have the rank of professor in the Department of Physiology. Dr. Gerard, currently president of the American Physiological Society, has held the rank of professor of physiology at the University of Chicago during the past 11 years, and has been associated continuously with that institution since 1927.

Joel Hildebrand, emeritus professor of chemistry on the Berkeley campus of the University of California, has been appointed to the Spiers Memorial Lectureship of the Faraday Society. His lecture in London next April will open the 50-year jubilee meeting of the society. He will also go to the University of Notre Dame in November for six weeks as Riley Lecturer.

Robert K. Mueller, of Hampden, Mass., has been appointed general manager of Monsanto Chemical Company's Plastics Division, succeeding vice president **F. A. Abbiati**, who died Aug. 13. The Plastics Division operates a headquarters plant at Springfield, Mass., and another plant at Port Plastics, Ohio (near Cincinnati). Mr. Mueller went to Monsanto in 1935 as a control chemist at the John F. Queeny plant in St. Louis. In 1938, he was transferred to Monsanto's subsidiary Shawinigan Resins Corporation plant at Springfield, and in 1939 he went to the company's Plastics Division there. He is a member of the Executive Committee and Board of Directors of Shawinigan Resins Corporation.

Warren O. Nelson, professor of anatomy in the State University of Iowa College of Medicine, was presented with the Award Prize of the American Urological Association during its annual meeting. Dr. Nelson received the award for his studies on the physiology of reproduction, particularly for those relating to human infertility. On the occasion of its presentation he spoke on "Problems of Testicular Function."

Stanley F. Patten (USN, ret.) has been elected a director of Allen B. DuMont Laboratories. Admiral Patten has been with the company since his retirement from naval service in 1947. He was elected vice president in 1951.

Maurice M. Rapport has returned to his position as associate research scientist with the Division of

Laboratories and Research, New York State Department of Health, Sloan-Kettering Institute, after spending a year in Rome with Daniel Bovet at the Istituto Superiore di Sanità, under a Fulbright grant.

The Bell Company of Worcester, Mass., has appointed **Benjamin F. Roeder** director of fabric research and development for Miron Mills, Inc., Bell Mills, Inc., and Wester Mills, Inc., all of which are New York subsidiaries of Bell. Mr. Roeder served as acting chief of the textile branch of the Office of Price Stabilization from December 1951, until last May. He was formerly with the Virginia Woolen Company.

The Honor Scroll of the American Institute of Chemists, awarded annually by the Chicago Chapter for distinguished service to chemistry, will go this year to **Bernard E. Schaar**, president of Schaar and Company, Chicago. Mr. Schaar is being honored for his devotion to the interests of chemists as professional men and as individuals and for his untiring efforts in advancing the profession.

Joseph L. Stecher, assistant director of sales of Du Pont's Petroleum Chemicals Division, is retiring after a 37-year career with the company. He had been connected with tetraethyl lead production and sales almost continuously since 1923, the year the first tetraethyl lead anti-knock compounds for gasoline were marketed.

Leland Stewart has been appointed assistant professor of chemistry at Wagner College. In addition to his teaching experience, Dr. Stewart did research and development with Du Pont for 18 years and was with the American Cyanamid Company for six years. During this period he was responsible for the training and guidance of technical personnel.

Sterling Tatsuji Takeuchi, Japanese scholar and historian, has been made visiting lecturer for the 1952-53 academic year at the East Asian Institute of Columbia University. Professor Takeuchi will lecture on his country's political institutions and post-war international position. He is a member of the faculty of Kwansai Gakuin University, Nishinomiya. In World War II the professor observed Japanese occupation policies in the Philippines and in Burma. A graduate of the University of Texas, he received his doctorate from the University of Chicago in 1931.

Education

The **Geophysics Research Directorate** of the Air Force Cambridge Research Center will hold the following seminars at 415 Summer St., South Boston: Sept. 26, Dave Fultz, of the University of Chicago, "Some Current Problems Raised by Modeling Experiments for the Atmosphere;" Oct. 8, Aden B. Meinel, of Yerkes Observatory, "Studies of the Origin and Mechanisms of Auroral Emissions;" Oct. 15, I. L. Thomsen, director of the Carter Observatory, New Zealand, "Work on Solar and Terrestrial Relationships in New Zealand;" Oct. 24, O. T. Fundings-

land, "Laboratory Studies of Slow Electron Collisions in Gases;" Oct. 31, Arthur L. Aden, "Magneto-Hydrodynamics." The last two speakers are members of the Directorate staff.

Loyola University, Chicago, has added the following to the Department of Chemistry staff: Carl E. Moore, Harvey Posvie, John Huston, George J. Rotariu, and Herman A. Szymanski.

Oak Ridge Institute of Nuclear Studies will hold basic courses in radioisotope techniques in research, Jan. 5, Feb. 2, and Mar. 2. Application blanks and other information on the one-month courses may be obtained from Ralph T. Overman, P. O. Box 117, Oak Ridge, Tenn.

The semiannual "Frontiers in Chemistry" lectures at **Wayne University**, cosponsored by the International Society of Friends of the Kresge-Hooker Library and the Wayne Department of Chemistry, will be held on Monday evenings beginning Oct. 6. Speakers will include Victor K. La Mer, E. R. H. Jones (of Manchester, England), H. A. Laitinen, Walter Seegers, Alfred B. Garrett, Klaus Hofmann, Max Tishler, and A. N. Holden. For additional information, address George H. Colman, Kresge-Hooker Scientific Library, Wayne University, Detroit.

Grants and Fellowships

The Medical Fellowship Board of the **National Research Council** has awarded 18 fellowships for 1952-53, including 11 administered for the Rockefeller Foundation, and 7 administered for the Lilly Research Laboratories. The fellows will study at 11 U. S. universities or research laboratories and at Carlsberg Laboratory, Copenhagen (Donald W. Kupke, under K. Linderstrøm-Lang), and McGill University (Norman J. Nadler, under C. P. Leblond).

The **Pittsburgh Plate Glass Company** will organize a new multiple fellowship at Mellon Institute this fall. The group will occupy itself with basic studies in solid state physics, surface chemistry, and the chemistry of molten inorganic systems. T. H. Davies, of the University of Chicago Institute for Nuclear Studies, will be administrative fellow.

The **Public Health Service** has awarded a grant to the School of Tropical and Preventive Medicine, Loma Linda, Calif., for the study of Chagas' disease in the Southwestern U. S. The project will be directed by Raymond E. Ryckman, head of the Department of Entomology.

Sharp & Dohme have renewed a \$5000 research grant to the Department of Pediatrics, University of Texas, for clinical and laboratory evaluation of soluble pertussis vaccine, by Harriet Felton.

The **Social Research Foundation** has awarded \$25,000 to the Washington School of Psychiatry for a study of schizophrenia to be made by Frieda Fromm-

Reichmann, chairman of the Council of Fellows of the school and director of research at Chestnut Lodge.

In the Laboratories

The **Applied Physics Laboratory** of The Johns Hopkins University has added the following to its staff: Mary C. Williams; Arthur A. Westenberg, of Lafayette College; Tracy P. Moore, of the Bureau of Mines, Louisiana, Mo.; Sverre Kongelbeck, of Berkeley, Calif.; Leland J. Luft, of Webster City (Ia.) Junior College; and Herbert A. Johnson and Owen J. Deters. Alvin G. Schulz, a former member of the Telemetering Group, has returned to work in the Missile Testing Group.

At the **University of California** a new \$4,500,000 Chemistry-Geology Building opened for classes this month. It will have facilities for more than 2500 chemistry students and laboratory space for 100 or more graduate students. The geology wing contains classroom-laboratories, research laboratories, seminar rooms, a library, museum, and space for the Institute of Geophysics.

Cenco Corporation is constructing a new \$100,000 research and development laboratory in Chicago, which will enable the company to extend its activities in chemistry and electronics. Up to the present the company's development of new products has been confined largely to the field of physics.

New laboratories recently announced include: a new Applied Physics Laboratory, for The Johns Hopkins University, 15 miles from Silver Spring, Md. (construction expected to begin by early 1953); a \$10,000,000 Department of Agriculture laboratory for the study of foot-and-mouth and other animal diseases, to be located on Plum Island, in Long Island Sound; an agricultural and biological research installation at Creve Coeur, Mo., for the Organic Chemicals Division of Monsanto Chemical Company; a wind tunnel for testing model aircraft at transonic speeds, expected to be completed by the Navy in 1953, at David Taylor Model Basin, Carderock, Md. (will include part of a former tunnel captured from Germany); a jet engine laboratory without need for jet engines, being established by Minneapolis-Honeywell Regulator Co., to permit design of jet controls without the necessity of leaving the ground; a \$1,000,000 general research laboratory opened by International Minerals and Chemical Corp. in Skokie, Ill.; a \$1,400,000 expansion program by Schering Corporation, to be completed by the end of 1953, that will include enlargement of buildings in Union, N. J., and the construction of a new chemical manufacturing building.

Procter & Gamble dedicated their new Miami Valley Laboratories Sept. 11-12. A staff of 300 will utilize radioactive tracers, high pressures, and other modern techniques in studies of consumer products. The buildings are located near Venice, Ohio, 17 miles from Cincinnati. James B. Conant was the principal speaker at the dedication ceremonies.

Meetings and Elections

The **American Malacological Union** (affiliated with AAAS Section F) has elected the following officers: president, A. Byron Leonard; vice president, Joseph C. Bequaert; secretary-treasurer, Margaret C. Teskey. The following were elected councillors-at-large: R. Tucker Abbott, C. G. Aguayo (Havana), Ruth E. Coats, and Ruth D. Turner.

The **American Society of Professional Biologists, Inc.**, has elected the following officers: president, Alfred F. Borg; president-elect, John M. Hale; treasurer, Austin W. Morrill; district vice presidents: Western, Richard B. Johnson; Central, Paul J. Seyler; Southern, John W. Foster; Northern, Clarence Horn.

A **Conference on the Standardization of Experimental Mice** was held at Roscoe B. Jackson Memorial Laboratory early in August. Speakers included C. C. Little, Carl TenBroeck, John Fuller, Robert Speirs, Paul Sawin, and William S. Murray, of the laboratory staff, and Paul Fenton, Harold P. Morris, James Leatham, and H. C. Schaeffer. A committee was set up to investigate standards for the proper nutrition of experimental animals, an important factor in behavioral studies. Dr. Morris, of the National Cancer Institute, is head of the committee, and Meredith Runner, of the Jackson Memorial staff, is secretary.

The **Detroit Institute of Cancer Research** will hold its fifth annual Scientific Meeting Oct. 20-22 in the auditorium of the Engineering Society of Detroit. Among the participants will be Paul Weiss, Carroll M. Williams, Konrad Bloch, C. B. Anfinsen, G. Gomori, Jacob Furth, D. W. Woolley, Alexander Hollaender, and Laurence H. Snyder. In a clinical program sponsored by the Southeastern Michigan Division of the American Cancer Society, the speakers will be Loyal Davis, Shields Warren, George T. Pack, and Sidney Farber.

The **Electron Microscope Society of America** will hold its tenth annual meeting at the Hotel Statler, Cleveland, Nov. 6-8. Programs and abstracts of the papers to be presented will be available about Oct. 15 from Carl E. Willoughby, program chairman, Du Pont Experimental Station, Wilmington 98, Del. Information about local arrangements may be obtained from Mary S. Jaffe, LDL-85, General Electric Company, Nela Park, Cleveland 12.

The second **International Congress on Physiopathology of Animal Reproduction and of Artificial Insemination**, held at the Royal Veterinary and Agricultural College in Copenhagen July 7-11, was presided over by J. Hammond, of Cambridge. E. Sørensen acted as secretary-general, and the following presented papers in the plenary sessions: C. Thibault, A. Walton, S. A. Asdell, J. A. Laing, J. Anderson, and P. Sjollem. In addition, 65 other papers were presented. The congress appointed an International Standing Committee with representatives from Kenya, Italy, USA (two), Argentina, Germany, Australia,

England, Sweden, France, Denmark, and Holland. A representative of FAO is to be appointed. The Standing Committee appointed the following Executive Committee: N. Lagerlöf, president; E. Sörensen and Th. Stegenga, vice presidents; T. Bonadonna, secretary-general; and J. Hammond. As Professor Bonadonna is an Italian, the headquarters of the committee will remain in Milan at the Istituto Sperimentale Italiano "L. Spallanzani."

The **New England Intercollegiate Geological Conference** will hold its 45th annual meeting Oct. 18-19 at Williamstown, Mass., to study the geology of northwestern Massachusetts and southwestern Vermont. The Geology Department of Williams College, of which Elwyn L. Perry is chairman, will be host. Requests for announcements should be sent to John B. Lucke, University of Connecticut, Storrs.

A convocation on **Science and Human Values** will be held at Mount Holyoke College Oct. 3-4. Principal speaker will be Frederick A. Lindemann (Lord Cherwell), head of the atomic energy program in England and professor of experimental philosophy at Oxford University since 1921. Roger Adams, 1950 president of the AAAS, will conduct a panel on "Science, Industry and Education," in which Meribeth E. Cameron, Karl T. Compton, George B. Kistiakowsky, Robert C. Swain, and Robert E. Wilson will participate. In a panel on "Vanishing Boundaries in Science," under the chairmanship of James R. Killian, Jr., president of MIT, the following will speak: James B. Austin, Paul R. Burkholder, Gladys Emerson, and Shields Warren. A third panel, on "Human Values in the World Today," will be led by Archibald MacLeish. Participants will include Frederick M. Eliot, René d'Harnoncourt, Marjorie Nicolson, Whitney J. Oates, and David Riesman.

Miscellaneous

Columbia University and the government of **Bermuda** will operate a seismological station on St. George Island, where a small station has been operating under the Bermuda government and the U. S. Coast & Geodetic Survey. The affiliation with Columbia's Lamont Geological Observatory will add substantially to the station's facilities. Eight new seismographs have been contributed by Columbia, in addition to the services of a resident seismologist, D. H. Shurbet, and several graduate students. All work will be under the direction of G. R. Hamilton, chief of the station.

The **National Science Foundation** has appointed four new staff members. Fernandus Payne, of the University of Indiana, a long-time member of the AAAS Executive Committee and present chairman of its Publications Committee, will succeed John Field as assistant director for the Division of Biological and Medical Sciences; Dr. Field is returning to his post as chairman of the Department of Physiology of the Medical School of the University of California at Los Angeles. He will continue to serve the founda-

tion as a consultant. Louis Levin, head of the Biochemistry Branch, ONR, will become program director for regulatory biology; Frank H. Johnson, associate professor of biology on leave from Princeton, has been appointed program director for developmental biology; and William L. Duren, Jr., of Tulane University, will be acting program director for mathematics for three months.

New journals announced: *The Annals of American Research*, by the Public Affairs Press, 2153 Florida Ave., Washington 8, D. C. . . . *Applied Microbiology*, to begin publication in January 1953, under the auspices of the Society of American Bacteriologists. Bimonthly at \$7.50 per year from Williams & Wilkins Company, Baltimore, Md. . . . *D. D. S.*, a digest of dental science, scheduled for October publication. Lester R. Cahn, Editor-in-Chief, 888 Park Ave., New York 21. Monthly, \$5.00; foreign, \$6.00. . . . *Laboratory Investigation*, a journal of technical methods and pathology, sponsored by the International Association of Medical Museums. Successor to *Bulletin of the International Association of Medical Museums*. Editor, Thomas D. Kinney, Cleveland City Hospital, 3396 Scranton Rd., Cleveland 9, Ohio. Quarterly at \$8.00 from Paul B. Hoeber, Inc., 49 E. 33rd St., New York 16. . . . *The Personnel and Guidance Journal*, successor to *Occupations*. Official journal of the new American Personnel and Guidance Association. Will appear in October under the editorship of William D. Wilkins. \$6.00 per year with membership in one of the APGA divisions.

The *Proceedings of the First International Congress of Allergists*, which will contain the 200 original papers read at the congress, held in Zurich last year, will be published this month. All papers will have summaries in French, German, and English. The book contains 1300 pages, costs 170 Swiss francs, and may be ordered from Interscience Publishers Ltd., 2a, Southampton Row, London, W.C. 1.

The **Smithsonian Institution** has on hand a limited number of copies for public distribution of its *Annual Report*, with a General Appendix of articles on a great variety of scientific subjects. Scattered numbers are available, especially of issues since 1933, as well as separates of individual papers. Order by year or by title of article. *Bulletins* of the Bureau of American Ethnology, consisting of papers in ethnology, archaeology, linguistics, Indian music, etc., are also available, especially those published since 1928. Order by author and title. Requests for these publications, which will be sent free as long as the supply lasts, should be addressed to the Publications Division, Smithsonian Institution, Washington 25, D. C.

The following have accepted membership on the **Standing Committee on Mountain Structure in the Pacific Area**: A. J. Eardley, of the University of Utah; J. V. Harrison, of Oxford University (temporarily at the University of Illinois); M. F. Glaessner, of the University of Adelaide; and T. Kobayashi, of the University of Tokyo.