

News and Notes

Scientists in the News

Otis L. Anderson has been appointed chief of the Bureau of State Services, Public Health Service, succeeding Joseph W. Mountin, who died suddenly on Apr. 26. A former associate chief of the Bureau of Medical Services, Dr. Anderson will direct the federal-state and interstate programs of the service, including administration of the Communicable Disease Center at Atlanta, Ga.; the Environmental Health Center, Cincinnati; and the Arctic Health Center, Anchorage, Alaska.

Charles W. Ballard, dean of Columbia University's College of Pharmacy, will retire July 1 and will be succeeded by E. Emerson Leuallen. Dr. Ballard was guest of honor at an awards dinner given by the College of Pharmacy Alumni Association, which presented him with its 1952 award for service to the college. Semicentennial certificates were given to 39 of the college's graduates as another feature of the dinner.

Carl W. Borgmann, dean of faculties at the University of Nebraska, has been named president of the University of Vermont. He will succeed William S. Carlson, who became president of the State University of New York Apr. 1. Dr. Borgmann was a member of the technical staff of Bell Telephone Laboratories from 1927 to 1931, assistant professor of chemical engineering at the University of North Carolina, and head of the Engineering Department at the University of Colorado from 1943 to 1947.

William Mansfield Clark, professor of physiological chemistry in The Johns Hopkins University School of Medicine, presented the 1952 Remsen Memorial Lecture of the American Chemical Society's Maryland Section. The Remsen Lectureship was established in 1946 in memory of Ira Remsen, first professor of chemistry at Johns Hopkins and second president of the University. Dr. Remsen was president of the American Chemical Society in 1902. Dr. Clark spoke on "Some Reflections on the Coupling of Chemical Processes and Biochemical Implications."

The first award of the K. C. Li Medal for meritorious achievement in advancing the science of tungsten has been made to William David Coolidge, director emeritus of the General Electric Research Laboratory in Schenectady and x-ray consultant to the company. Now 78 years old, Dr. Coolidge retired in 1944 as a vice president and the director of research for G-E. The Li Award, consisting of a gold medal and \$1000, will be given every two years. Mr. Li, who discovered tungsten in China, is chairman of the board of the Wah Chang Corporation, a firm which produces and processes tungsten products.

Lloyd W. Daly has been appointed dean of the

College of Arts and Sciences of the University of Pennsylvania, effective July 1. Dr. Daly, who is now vice-dean of the university's Graduate School, will succeed Glenn R. Morrow, who has received a Guggenheim fellowship to study in Athens during the 1952-53 academic year.

John O. Eichler, professor of civil engineering at the Cooper Union School of Engineering, New York, has been made head of the newly formed Metropolitan New York Section of the American Society of Photogrammetry. Professor Eichler was one of the organizers of the section, which has just received its charter from George D. Whitmore, president of the national society in Washington, D. C.

Benjamin F. Fairless, president of U. S. Steel, was selected by the John Fritz Medal Board of Award to receive the 1953 John Fritz Medal and Certificate as "champion of the American free enterprise system for notable industrial achievement in the production of steel." The John Fritz Medal was established in 1902 by friends of John Fritz on the occasion of his eightieth birthday to honor him for his great contributions in the manufacture of steel and in the advancement of industry generally. It is perpetuated by the American Society of Civil Engineers, American Institute of Mining and Metallurgical Engineers, American Society of Mechanical Engineers, and American Institute of Electrical Engineers, as a joint honor for scientific or industrial achievement in any field of pure or applied science, without restriction on account of nationality or sex.

Frank H. Forrester has resigned as supervisor of guest relations and meteorologist at the Hayden Planetarium, effective May 31.

John F. Fulton, the first president of the Association of Honorary Consultants to the Army Medical Library (1944-47), has been elected president of the American Association of the History of Medicine. At the annual meeting of the association in Kansas City, Benjamin Spector gave the Fielding H. Garrison Lecture, "The Growth of Medicine and the Letter of the Law."

Katharine R. Jeffers has been appointed dean of Jackson College, the women's department at Tufts College. She will succeed Edith L. Bush, sister of Vannevar Bush, who retires at the close of the current academic year. Dean Jeffers has been dean of women and professor of biology at the College of William and Mary since 1947.

Robert F. Johnson, of the U. S. Geological Survey, is attending the Point IV orientation course at the Department of State in preparation for a forthcoming assignment to Peru as a member of a Geological Survey party. David A. Andrews, of the

Foreign Geological Branch Office, USGS, arrived in Washington after more than three months in Thailand; and **George M. Lawshe**, topographical engineer, has returned after an assignment of approximately 18 months under the ECA geological survey program in the British Commonwealth.

Charles F. Kettering, a past president of the AAAS, has received the Jefferson Medal from the New Jersey Patent Law Association. The second annual award of the organization, the tribute was in recognition of Mr. Kettering's "many outstanding contributions to the welfare of the nation by his advancement of science, invention, and the American patent system."

Stephen Laufer, director of brewing technology of Schwarz Laboratories, has been elected president of the American Society of Brewing Chemists. Dr. Laufer has been actively engaged in the affairs of the ASBC since it was founded in 1934.

Directors of the International Nickel Company of Canada, Ltd., have elected **Paul D. Merica** president, succeeding **John F. Thompson**, who became board chairman in February 1951, upon the death of **Robert C. Stanley**. Dr. Merica, formerly executive vice president and a director, was first associated with the company in 1919, becoming director of research and subsequently assistant manager of the development and research department. He became vice president in 1936 and executive vice president in 1949.

Raymond C. Moore, of the University of Kansas and past chairman of Section E, AAAS, who was selected by the Association of American Universities and representatives of the Dutch universities as visiting professor in the Netherlands during the current academic year and assigned to the Rijks-Universiteit te Utrecht, has been invited for short-term lectureships at the Sorbonne in Paris, the universities of Louvain and Liège in Belgium, and the universities of Lund in Sweden and Oslo in Norway. Recently he was elected Membre Correspondant of the Société Géologique de Belgique and a Foreign Member of the Geological Society of London.

Charles Edwin Odegaard, executive secretary of the American Council of Learned Societies, has been appointed dean of the College of Literature, Science and the Arts at the University of Michigan. Dr. Odegaard succeeds **Hayworth Keniston**, who in his last year before retirement furlough has been devoting full time to teaching romance languages at his own request. Since Sept. 15, **Burton Thuma**, associate dean, has served as chief administrative officer of the college. Dr. Odegaard will assume the deanship on Sept. 1.

Edith H. Quimby, of the Department of Radiology, College of Physicians and Surgeons, Columbia University, has been awarded the second Jagadish Bose Memorial gold medal by the Indian Radiological Association. Her memorial lecture was entitled "Recent Developments in Radiation Dosimetry."

Herbert H. Ross, of the Illinois Natural History Survey, will visit in seven European countries and will confer with foreign specialists in the study of caddis flies. Recipient of a Guggenheim fellowship awarded to him in 1951, Dr. Ross will spend the major part of his time in Hamburg, and at the British Museum. The project for study under his fellowship is "the evolution of primitive caddis flies in relation to intercontinental mountain chains."

Reinhold Rudenberg, Gordon McKay professor of electrical engineering at Harvard University, has left for Brazil and Uruguay, where he has been invited to deliver a series of lectures on modern topics in electrical engineering. During May and June he is lecturing at the University of Rio de Janeiro and the University of São Paulo in Brazil and the University of Montevideo in Uruguay. Professor Rudenberg is the inventor of the electron microscope and has been awarded the Swedish gold Cedergren Medal and Scroll for highly meritorious work in the field of electrical engineering.

The fifth World Health Assembly, legislative body of the World Health Organization, unanimously elected **Juan Salcedo**, Philippines secretary of health, as its president. The assembly, at which 60 member-states are represented, elected as vice presidents the chief delegates from Switzerland, Haiti, and Liberia. The outgoing president is **Leonard A. Scheele**, U. S. surgeon-general.

Joshua L. Soske, of the Geophysical Engineering Corporation, will occupy the Henry Salvatori associate professorship in geophysics at Stanford University. The Salvatori chair has been made possible by a gift from Henry Salvatori, president of the Western Geophysical Company, of Los Angeles. Mr. Salvatori is also the donor of equipment for Stanford's new geophysical laboratory.

Eugene A. Stead, chairman of the Department of Medicine at Duke Medical School, has been elected president of the American Society for Clinical Investigation for 1952-53, and **James V. Warren**, professor of medicine at Duke, has been elected president of the American Federation for Clinical Research at a joint meeting of the society and the federation. Dr. Stead was formerly dean of Emory University Medical School, and Dr. Warren was medical investigator, Office of Scientific Research and Development, on problems of shock and vascular injuries.

George P. Thomson, at present chairman of the Physics Department of Imperial College, University of London, has been appointed Master of Corpus Christi College, Cambridge, of which he is a member. He will take up his new position this summer.

T. Thorvaldson, of Saskatoon, and **W. H. Watson**, of Toronto, have been appointed new members of the National Research Council for three years starting April 1. Dr. Thorvaldson is dean of graduate studies

emeritus at the University of Saskatchewan, and Dr. Watson is head of the Department of Physics at the University of Toronto. Two other members, who have served one term each, have been reappointed for a second term of three years. They are: **J. H. L. Johnstone**, of Halifax, N. S., and **F. C. Wallace**, of Oshawa and Georgetown, Ont. **C. J. Mackenzie**, who recently resigned from the presidency, has been reappointed as a member of the Honorary Advisory Council for Scientific and Industrial Research (the full title of the National Research Council). With these appointments the council now consists of President E. W. R. Steacie, David A. Keys, vice president (scientific), E. R. Birchard, vice president (administration), and 17 other members.

J. C. Walker, professor of plant pathology, University of Wisconsin, returned recently from Brazil, where he was visiting lecturer in plant pathology at the Biological Institute, State of São Paulo, São Paulo.

Ray L. Watterson, associate professor of biology at Northwestern University, has been awarded the first Frank R. Lillie fellowship in experimental embryology to do research at the Marine Biological Laboratory in Woods Hole, this summer. The fellowship has just been created by the family of the late Frank R. Lillie, experimental embryologist, who died in 1947. Dr. Lillie was at one time president of both the Marine Biological Laboratory where Watterson will work, and also president of the nearby Woods Hole Oceanographic Institution. Dr. Watterson plans to do experiments with fish eggs which may bear out the contention that the vertebral column and the skull are stimulated to form in the embryonic stages by the presence of the spinal cord or brain, or embryonic induction.

Education

The following visiting lecturers will give courses at **Harvard University** during the 1952-53 fall term: **Walter H. Brattain**, of Bell Telephone Laboratories, one of the co-inventors of the transistor; **Sydney Goldstein**, of the College of Technology, Haifa; and **W. Duncan Rennie**, of the Department of Mechanical Engineering, Caltech.

The **Institute of Gas Technology**, affiliated with Illinois Institute of Technology, has named **E. S. Pettyjohn** vice president, the first in its history. **J. D. Parent** has been made dean, and **Henry R. Linden** and **C. G. von Fredersdorff** assistant research directors. Captain Pettyjohn succeeded to the directorship of the institute in 1945 while he was still on duty with the U. S. Navy. His subsequent appointment as vice president was made in recognition of his contribution to the institute's rise to its present position in research and education.

State University of New York College of Forestry at Syracuse has established a professorship of physi-

cal and polymer chemistry; research in the field was begun in 1948, and in 1949 senior and graduate training in plastics technology was established. **Michael Szwarc**, of the University of Manchester, was appointed the first professor, and took up his new duties on June 2.

The **University of Texas Medical Branch** is holding a weekly series of seminars, May 27 to July 15, on molecular cell physiology. The seminars are held on Tuesdays at noon in the Carter Physiology Laboratory and are open to physicians and graduate workers.

The **University of Utah** reports that **John Z. Bowers**, dean of the College of Medicine, will serve in India for two months as a consultant on health education to the Ford Foundation. **M. M. Wintrobe** has been named chairman of the Advisory Council of the Life Insurance Medical Research Fund for 1952-53. **Don H. Nelson**, of the Department of Biochemistry, recently reported some of the results of his work, at the Ciba Conference in London; **Stewart Harvey**, assistant professor of pharmacology, has been made a Markle Scholar in Medical Science. **Glen R. Lynam**, head of the Department of Public Health and Preventive Medicine, has returned from a trip sponsored by the Rockefeller Foundation for the study of out-patient medical teaching in various U. S. schools and clinics. The results of his study will be made available to medical schools throughout the country.

Grants and Fellowships

The **American Philosophical Society** will accept applications at any time for grants-in-aid of expenses for research in the physical, biological, and social sciences, and the humanities. The Committee on Research meets in October, December, February, April, and June and considers all applications received up to one month prior to the meeting. Full information may be obtained from the executive office of the society, 104 S. Fifth St., Philadelphia 6.

The **Archer-Daniels Midland Company**, of Minneapolis, has established a fellowship for a graduate student majoring in chemistry, at the North Dakota Agricultural College. The grant is for \$750 per year. The **Cataphote Corporation**, of Toledo, Ohio, has also established a \$2400 fellowship at the school to subsidize basic research at the graduate level in the field of highway traffic paint.

The **Bausch & Lomb Science Scholarships**, awarded each spring, were won by **Roy L. Schult**, **Mary B. Boat**, and **Paul F. Forman**, all of New York. In addition, ten other finalists in the competition were given University of Rochester scholarships of comparable value. High school science students from 11 states were among those competing in the final tests.

The Department of Physiology at **Ohio State University** is offering graduate teaching and research assistantships at \$100-\$150 per month, plus remission of fees. Application should be made before *July*

15. For forms on which to apply write to the chairman of the department.

In the Laboratories

The **Applied Physics Laboratory** of The Johns Hopkins University has added Philip K. Reily, Jr., to the staff of the Solid Propellant Information Agency staff. He was formerly a research chemist with the Ohio Apex Corporation, Nitro, W. Va. Robert M. Moyerman, former chemist with Nuclear Development Associates, has joined the Research Center at the laboratory.

The **James Forrestal Research Center**, established in January 1951 as a memorial to the first Secretary of Defense, was formally dedicated May 17. Robert A. Lovett was the principal speaker. Most fully developed research programs at present are in aeronautical, jet propulsion, and chemical engineering. Daniel C. Sayre is director of the center.

A vinyl plastic plant built by the **Japanese Geon Company, Ltd.**, in cooperation with B. F. Goodrich Chemical Company, has begun production at Kambara, near Tokyo. Engineering design and manufacturing techniques were furnished, and the construction supervised, by Goodrich.

Wallace L. Howe, director of development, has been appointed director of research and development of the **Norton Company**, following the resignation of Samuel S. Kistler, who has been a member of the research staff for nearly 17 years.

The new \$4,000,000 **Sharp & Dohme Medical Research Laboratories** at West Point, Pa., were dedicated May 12. As a part of the program a symposium on "Frontiers of Research on Blood and Plasma Extenders" was presented, with I. S. Ravdin as moderator. Members of the panel were Carl W. Walter, Charles A. Janeway, Charles S. Davidson, Douglas M. Surgenor, Edwin J. Pulaski, and Robert B. Pennell.

Meetings and Elections

The **Arkansas Academy of Science** has named Delbert Swartz president, Z. V. Harvalik vice president, and William J. Smothers secretary-treasurer. The Junior Academy elected Jim Davidson, of Helena, president. Six high school seniors were honored by the two academies after having been selected as winners in the first annual Arkansas Science Talent Search. Hilary Linder, of Subiaco Academy, was presented with a scholarship to the University of Arkansas as the outstanding young scientist of the year.

Central States Section, **Botanical Society of America**, has completed plans for an August foray in the Lake Okoboji region, during which the annual meeting and election of officers will also be held. Registration will begin at Iowa Lakeside Laboratory, Milford, Aug. 17, and during the following three days several aquatic and prairie locales will be visited.

Registrants will be given a complete itinerary, and papers on the flora of the area. Inquiries and requests for reservations should be addressed to H. S. Conard at the Lakeside Laboratory.

At the annual meeting of the **Hawaiian Academy of Science** in May, Harry L. Arnold, Jr., was elected president, succeeding L. D. Bayer. Doak C. Cox replaced E. H. Bryan, Jr., as secretary-treasurer. Dr. Bayer's presidential address was on "The Rise and Fall of Peruvian Culture." Membership in the academy is now 344, largest in its history.

The **Rocky Mountain Biological Laboratory**, located near Crested Butte, Colo., in the Gunnison National Forest, will celebrate its 25th anniversary on Aug. 2. Reseeding and grazing problems in the high Rockies will be discussed at the morning session and parasites of wild and domesticated mammals and birds of the West at the afternoon session. George W. Hunter III will give the principal address at noon on "Parasitic Problems of the U. S. Army in Korea and Japan." Zoologists and botanists are invited to attend the morning and afternoon programs, and to be guests at the mountain trout picnic dinner at noon. There are paved roads to within 15 miles of the laboratory.

Miscellaneous

At its annual meeting Apr. 22, the **Joseph A. Holmes Safety Association** awarded Medals of Honor for individual deeds of heroism in saving life in mines and plants of the minerals industry during the past year to Dangel Lancaster, W. L. Laxton, Charles F. Wesche, E. L. Colvin, George Pejko, Jr., J. J. Sullivan, William W. Phillip, and Rayburn W. Bunton. More than 400 awards were made for exceptional safety records and outstanding supervisory work. R. G. Warnecke, Bureau of Mines, was elected secretary to succeed J. J. Forbes, who became president last year.

Top awards in the third annual **National Science Fair** went to Doris Jean Hermes, of Martinsville, Va.; Raymond P. Oberly, of Allentown, Pa.; Gretchen Koosmann, of Los Angeles; and Elton Stubblefield, of Fort Worth. Fourteen scientific equipment and book awards are given each year in the nationwide contest, which is conducted by Science Service in cooperation with metropolitan newspapers in all parts of the country.

Victor B. Scheffer, U. S. Fish and Wildlife Service biologist in charge of the Alaska fur-seal investigations, wishes to correspond with an advanced student interested in describing the anatomy of the fur seal as material for a doctoral thesis. His address is 2725 Montlake Blvd., Seattle 2, Wash.

CORRECTION: In the announcement concerning the third **International Congress of Electroencephalography and Clinical Neurophysiology** on page 458 of the April 25 issue of *SCIENCE*, the year was inadvertently omitted. The meeting will be held Aug. 18-21, 1953, in Boston.