

NEWS

and Notes

The Association regrets to announce that on July 5 Dr. Otis W. Caldwell, general secretary of the AAAS and member (ex officio) of the Executive Committee since 1935, died in New Milford, Connecticut, following a cerebral hemorrhage. At the time of his death Dr. Caldwell was also serving as chairman pro tem of the Managing Committee, AAAS-George Westinghouse Science Writing Awards. He became a Member of the AAAS in 1900, a Fellow in 1902, and a Life Member in 1923. In 1925 he was vice-president of the Section on Education. For many years he worked very actively with the officers of the affiliated Academies of Science and recently had devoted a large measure of his time to the Near East Foundation, of which he was a director.

About People

William E. Purnell, Sydney, N. S. W., has been appointed counselor in charge of Field Scientific Operations for the Natural Science Section of UNESCO. Mr. Purnell will coordinate the three Field Science Cooperation Offices which UNESCO is setting up this year in Rio de Janeiro and Cairo and in China. Plans for a fourth office, to be set up in India next year, are being formulated.

Dallas B. Phemister, Thomas D. Jones professor and chairman, Department of Surgery, University of Chicago, retired July 1 but will continue at the University as Thomas D. Jones professor emeritus. Dr. Phemister was succeeded

as chairman of the Department by **Lester R. Dragstedt**, professor of surgery.

T. C. Schneirla, formerly associate professor of psychology, New York University, and associate curator, Department of Animal Behavior, The American Museum of Natural History, has been promoted to curator at the Museum.

Donald S. Fleming, assistant professor of bacteriology and immunity, has been named secretary to the Faculty of Medicine, McGill University. Dr. Fleming succeeds **John F. McIntosh**, who has returned to his former position at the Royal Victoria Hospital.

Paul Campbell Young, professor of psychology, Louisiana State University, is visiting professor of psychology at Southern Methodist University, Dallas, Texas, for 1947-48.

Ray D. Owen, on leave of absence from the University of Wisconsin as a Gosney Research Fellow at California Institute of Technology, has been appointed associate professor of biology at the latter institution.

Roger H. Bray, research soil chemist, University of Illinois, addressed the annual banquet meeting of the University of Kentucky Chapter of Sigma Xi, May 9, on "The Nature of a Fertile Soil."

Frans Verdoorn, managing editor of *Chronica Botanica*, was appointed an honorary staff member of the Government Botanic Gardens, Buitenzorg, Java, at the 130th Centenary of the Garden, May 18, in recognition of his wartime work on behalf of the scientific institutions of the Netherlands Indies.

Carsten Steffens, Solvay Process Company, Syracuse, New York, has been appointed director of chemistry and chemical engineering, Stanford Research Institute.

Sheldon Clark Reed, Harvard University, has been appointed associate professor of zoology and director, Charles Fremont Dight Institute for the Promotion of Human Genetics, University of Minnesota.

Roland Wendell Harrison, dean, Division of Biological Sciences, University of Chicago, has been elected a vice-president of the University. Dr. Harrison succeeds **Lawrence A. Kimpton**, who

has resigned to become dean of students and professor of philosophy, Stanford University.

Myrtle Collier, chairman, Department of Mathematics, Immaculate Heart College, Los Angeles, California, has retired as professor emeritus.

Cleveland Norcross, formerly administrative officer and recently executive secretary of OSRD, on July 1 became assistant director of the American Institute of Physics, 57 East 55th Street, New York City.

Edward Ross has been appointed associate professor in the Department of Horticulture, Washington State College, Pullman, and associate horticulturalist in the Agricultural Experiment Station for industrial research in food technology.

Visitors to U. S.

Sydney Goldstein, professor of applied mathematics, University of Manchester, England, and chairman, Aeronautical Research Council, Ministry of Supply, will be at Brown University during August and will give a series of 20 lectures on "Dynamics of Compressible Fluids." Dr. Goldstein will also lead a seminar on the same subject.

Lennart Grone, manager, Department of Agricultural Machinery, Alnarp Agricultural, Dairy and Horticultural Institute, Akarp, Sweden, is visiting this country for six months to discuss farm machinery problems with experts in this field. Mr. Grone, who has recently been visiting the Iowa State College campus, plans to extend his trip to include many of the midwestern states.

F. T. Gerson, Plastics Department, Almex Ltd., Birmingham, England, is visiting the Frederick S. Bacon Laboratories, Watertown, Massachusetts, technical representatives of Almex in this country, to study materials and methods used in the U. S. plastics industry.

Grants and Awards

Harold L. Temple and **Sydney Weintraub**, Department of Radiology, Cornell University School of Medicine, have been granted a research fund to support further studies in the field of radio-opaque media. The grant has been established by the Schering Corporation, Bloomfield and Union, New Jersey.

Leo I. Dana, research manager of the Linde Air Products Company, New York,

has been awarded the Jacob F. Schoellkopf Medal of the American Chemical Society's Western New York Section for his work in cryogenics, the science of very low temperatures.

Ernest H. Volwiler, executive vice-president, Abbott Laboratories, is the recipient of the 1947 honor scroll award of the American Institute of Chemists.

The Stalin Prizes, awarded annually for outstanding accomplishments in the arts and sciences, have been received by the following scientists: N. N. Bogoliubov, professor of physics, for work in statistical physics published in 1945 and 1946; Y. I. Frankel, Leningrad Physical-Technical Institute, for research on the theory of the liquid state published in the monograph, *The kinetic theory of liquids*; M. A. Pavlov, for his work, *The metallurgy of cast iron*; A. S. Arbutov, professor at the Kazan Chemical Institute, for research on phosphorus; N. G. Khlopin, professor at the Kirov Military Academy, for his work in the field of biology; I. P. Razenkov, for discoveries in nutrition and digestion; and S. P. Obnorsky, director of the Russian Language Institute, Academy of Science, for his published work on the history of Russian literature and language of ancient times.

The Chevalier du Mérite Agricole has been conferred by the French Government upon Henry Solon Graves, dean emeritus, Yale School of Forestry; Lyle Watts, chief, U. S. Forest Service; Edward I. Kotok, assistant chief of the Service; and Tom Gill, member of the Forestry Advisory Committee of the UN Food and Agriculture Organization.

Colleges and Universities

At recent commencement exercises in U. S. colleges and universities, the following scientists received honorary degrees: John H. Van Vleck, Harvard University, the D.Sc. from the University of Wisconsin; C. B. Huggins, University of Chicago, the M.Sc., and A. F. Blakeslee, Smith College, the D.Sc. from Yale University; Roger Adams, University of Illinois, the D.Sc. from the University of Pennsylvania; Vannevar Bush, Carnegie Institution of Washington, Louis S. Gates, mining engineer, New York City, and Harvey S. Mudd, mining engineer, Beverly Hills, California, the D.Sc. from Columbia University; W. Paul Briggs, Pharmaceutical Division, Veterans Administration, and Waldemar Kaempffert, the *New York Times*, the D.Sc. from

the Philadelphia College of Pharmacy; Lloyd A. Hall, Griffith Laboratories, Chicago, the D.Sc. from Tuskegee Institute; Carroll L. Wilson, Atomic Energy Commission, the D.Sc. from Williams College; Laurence H. Snyder, Ohio State University, the D.Sc. from Rutgers University; Oswald T. Avery, Rockefeller Institute for Medical Research, the D.Sc. from New York University; Edwin H. Land, Polaroid Corporation, Cambridge, the D.Sc. from Tufts College; Columbus O'Donnell Iselin, Woods Hole Oceanographic Institute, the D.Sc. from Brown University; William A. Hamor, Mellon Institute, the D.Sc. from the University of Louisville; and E. R. Weidlein, Mellon Institute, the LL.D. from Washington & Jefferson College.

Yale University has announced the inauguration of a new course to be offered in the fall on the Development of the Sciences, which, according to President Seymour, is designed to aid in "the closer integration of the sciences and the humanities in the college curriculum and to emphasize the contribution of the sciences to liberal education." This course, which will cover two terms, has been developed by a committee consisting of Joseph S. Fruton, associate professor of physiological chemistry; Henry Margenau, professor of physics; Talbot H. Waterman, assistant professor of zoology; and Edmund W. Sinnott, director of the Division of the Sciences.

Armour Research Foundation, Illinois Institute of Technology, has announced the following promotions: M. H. Heeren, to director, Research Division, and executive chairman of the staff; Carl Titus, to director, Magnetic Recording Division; K. W. Miller, to assistant director of the Foundation; Horace Quinn, to assistant director of research; M. E. Nelson, to assistant director of international operations; and E. H. Schulz, to chairman, Electrical Engineering Research.

Baylor University College of Medicine, Houston, Texas, has announced the following faculty appointments: Russell J. Blattner, Washington University School of Medicine, as professor and chairman, Department of Pediatrics; Warren T. Brown, Yale University School of Medicine, as professor of psychiatry and chairman, Department of Neuro-Psychiatry; Russell C. Huggins, University of Georgia School of Medicine, as associate professor of pharmacology;

A. S. Harris, Western Reserve University School of Medicine, as associate professor of physiology; F. B. Moreland, Kansas State Board of Health, as associate professor of biochemistry; and Dan E. Jenkins, University of Michigan School of Medicine, as assistant professor of medicine.

The University of Wisconsin has announced the retirement in June of the following faculty members: Florence E. Allen, assistant professor of mathematics; Leon J. Cole, professor of genetics; William O. Richtmann, professor of pharmacognosy; and John R. Roebuck, professor of physics.

Brown University has announced the promotion of George F. Carrier to associate professor of engineering, Graduate Division of Applied Mathematics, and S. Wing Handford to associate professor of biology. Leaves of absence for the second semester of the academic year 1947-48 have been granted to George L. Church, professor of botany, and Carl W. Miller, professor of physics.

The School of Medicine, Louisiana State University, has announced the following appointments: James D. Rives, formerly clinical professor of surgery, as professor and head, Department of Surgery, succeeding Urban Maes, who has retired as professor emeritus; Robert L. Simmons, formerly director of the Lauderdale, Mississippi, Health Unit, as associate professor of public health and preventive medicine, succeeding George W. McCoy, who has retired as professor emeritus; Sidney S. Chipman, formerly practitioner of pediatrics, Norwalk, Connecticut, as associate professor of pediatrics; Nelson K. Ordway, Yale University, as assistant professor of pediatrics; and Edwin S. Kagy, Tulane University School of Medicine, as clinical assistant professor of medicine. Joseph A. Danna and Narcisse F. Thiberge have been appointed clinical professors emeritus of surgery and medicine, respectively.

The University of Puerto Rico, Río Piedras, P. R., has announced that it can no longer sponsor the Santiago Primate Colony, consisting of approximately 400 rhesus monkeys (*Macaca mulatta*) of different ages, located at Cayo-Santiago, about a mile from the eastern coast of Puerto Rico. Equipment consists of an adequate living house, two storehouses, land and water transportation facilities, and water system. No cases of tuberculo-

sis have occurred there in the last six years. Institutions interested in acquiring the Colony, in whole or in part, or in assuming its sponsorship are requested to communicate with Dr. Facundo Bueso, Dean, College of Natural Sciences.

The University of Nebraska has announced that the following have been promoted to full professors: Marcus D. Weldon, Department of Agronomy; Carl E. Georgi, Department of Bacteriology; Donald A. Keys, Department of Operative Dentistry; and A. A. Luebs, Department of Mechanical Engineering.

The University of Pittsburgh has announced the following as visiting lecturers in psychology during the summer session: Lewis R. Wolberg, Victor C. Raimy, Virginia Axline, Samuel B. Hadden, Gregory Zilboorg, and William A. Hunt. The lecturers will cooperate in offering a six-week course on Approaches to Counseling, Guidance, and Psychotherapy for clinical psychologists, psychiatrists, and social workers.

Industrial Laboratories

Leeds & Northrup Company has announced that E. Burk Estabrook, of its sales department, is visiting Sweden at the invitation of the Royal Swedish Academy of Engineering Sciences and the Association of Swedish Technical Physicists. On June 5 Mr. Estabrook addressed Swedish engineering societies at Stockholm on "Automatic Temperature Control in Industrial Processes."

Carl S. Miner, founder and director of the Miner Laboratories, Chicago, has been elected to the Board of Directors, Universal Oil Products Company, Chicago.

General Electric Company is carrying out a \$300,000,000 expansion program, designed to meet the increased demand for peacetime products. At Electronics Park, a \$25,000,000 project to be located near Syracuse, New York, and now nearing completion, the Company will concentrate on electronics engineering, research, and production of devices in the field. Among other projects already in process or contemplated are a \$20,000,000 factory building at Schenectady for the manufacture of steam turbines and electric generators; an

\$8,000,000 new Research Laboratory, to be completed early in 1948 at The Knolls, near Schenectady; operation for the Atomic Energy Commission of a \$20,000,000 atomic power laboratory to be constructed in the vicinity of the new Research Laboratory; and construction of a \$5,000,000 plant at Waterford, New York, for the manufacture of silicones.

Elections

The Society for American Archaeology has elected Frederick Johnson, Andover Academy, president; Earl Morris, University of Colorado, first vice-president; Isabel Kelly, University of California, second vice-president; and Waldo Wedel, U. S. National Museum, secretary.

The American Academy of Arts and Sciences recently elected the following Fellows: Howard H. Aiken, Arthur W. Allen, George P. Baker, David L. Belding, Ruth F. Benedict, Hans A. Bethe, Richard Burgin, Thomas D. Cabot, William H. Claffin, Jr., Edward U. Condon, Paul C. Cross, John R. Dos Passos, Arnold L. Gesell, Sanford B. Hooker, Mildred McA. Horton, Mark DeW. Howe, Wilbur K. Jordan, Milton E. Lord, Ralph Lowell, Charles W. MacGregor, Lewis Mumford, Norman B. Nash, John L. O'Brian, William Phillips, Francis M. Rackemann, Ivor A. Richards, Fritz J. Roethlisberger, James S. Simmons, Richard M. Smith, Merrill C. Sosman, Clark C. Stephenson, William F. Twaddell, Shields Warren, and Sumner Welles. Foreign Honorary Members elected include: Paal Berg, Hamilton A. R. Gibb, Augustus D. Imms, Joseph Klausner, P. Maheshwari, Edward A. Milne, Alf E. Porsild, Meghnad Saha, Gregory A. Shajn, Godfrey H. Thomson, George P. Thomson, Ivan M. Vinogradoff, and Wen-Hao Wong.

The Pittsburgh Geological Society elected the following officers at its annual business meeting May 16: Shailer S. Philbrick, U. S. Engineers, president; John T. Galey, Independent Oil and Gas Operator, vice-president; David K. Kirk, Gulf Research & Development Company, secretary; and Charles H. Feldmiller, Equitable Gas Company, treasurer. Councilors elected for two-year terms are: L. Guy Huntley, consulting geologist; Chilton E. Prouty, University of Pitts-

burgh; and F. C. Hauber, The Peoples Natural Gas Company.

The American Society for Pharmacology and Experimental Therapeutics, at its Chicago meeting, May 18-22, elected the following officers for the coming year: Maurice H. Seevers, University of Michigan Medical School, president; Carl A. Dragstedt, Northwestern University Medical School, vice-president; H. B. Haag, Medical College of Virginia, secretary; K. K. Chen, Lilly Research Laboratory, treasurer; and J. C. Krantz, Jr., University of Maryland School of Medicine, and Hamilton H. Anderson, University of California Medical School, councilors.

The American Institute of Nutrition has elected as officers for the coming year: R. M. Bethke, president; E. M. Nelson, vice-president; N. R. Ellis, treasurer; H. E. Carter, secretary; and A. D. Holmes, councilor.

The Alabama Academy of Science, at its annual meeting in Birmingham, May 1-3, elected the following officers for the coming year: John Xan, president; E. D. Emigh, president-elect; A. T. Wager, secretary; R. D. Brown, treasurer; and E. B. Carmichael, editor of the *Journal of the Alabama Academy of Science*.

Over 100 members attended the sessions, and 52 papers were presented, J. L. Kassner, the retiring president gave the annual address at the banquet on the topic, "Science in a Changing World."

The American Institute of Electrical Engineers, at its annual meeting in Montreal, June 11, elected the following officers: Blake D. Hull, Southwestern Bell Telephone Company, St. Louis, Missouri, president; G. W. Bower, Haddonfield, New Jersey, J. H. Berry, Norfolk, Virginia, I. M. Ellestad, Omaha, Nebraska, D. I. Cone, San Francisco, California, and D. G. Geiger, Toronto, Ontario, vice-presidents; W. L. Everitt, Urbana, Illinois, A. C. Monteith, East Pittsburgh, Pennsylvania, and Elgin B. Robertson, Dallas, Texas, directors; and W. I. Slichter, New York City, treasurer.

The Louisiana Academy of Sciences, at a recent meeting held on

the Louisiana State University campus, elected the following officers: George H. Mickey, Louisiana State University, president; Percy Viosca, Jr., Southern Biological Supply Company, New Orleans, vice-president; H. B. Boudreaux, Southwestern Louisiana Institute, secretary-treasurer; George Kent, Louisiana State University, acting editor; and S. J. P. Chilton, Louisiana State University, permanent secretary. Divisional chairmen elected were: Mary Wartens, Centenary College, biological; Lorimer E. Story, Louisiana Polytechnic Institute, social sciences; John B. Entriakin, Centenary College, physical sciences; and Bert B. Boyd, Northwestern Louisiana College, junior academy.

The Crystallographic Society has reported election of the following officers: John W. Gruner, University of Minnesota, president; A. Pabst, University of California, who succeeds to president in 1948, vice-president; William Parrish, Philips Laboratories, Inc., Irvington-on-Hudson, New York, secretary-treasurer (1947-49); and Samuel G. Gordon, Academy of Natural Sciences of Philadelphia, and George Tunnell, Carnegie Institution of Washington, councilors.

The West Virginia Academy of Science elected the following officers at a recent meeting: J. E. Judson, West Virginia Wesleyan College, president; Nelle Ammons, West Virginia University, vice-president; A. H. VanLandingham, West Virginia University, treasurer; and N. Bayard Green, Marshall College, secretary.

The next meeting of the Academy will be held at West Virginia Institute of Technology, Montgomery, West Virginia, April 30-May 1, 1948.

The Medical Library Association, at its 46th annual meeting in Cleveland, Ohio, May 27-29, elected the following officers: Eileen R. Cunningham, Vanderbilt University Medical Library, president; Janet Doe, New York Academy of Medicine Library, vice-president and president-elect; Howard Ditttrick, Ditttrick Museum of Historical Medicine, Cleveland, honorary vice-president; Edna M. Poole, Academy of Medicine, Toronto, Canada, secretary; and Edith Dernehl, Marquette University School of Medicine, treasurer.

The 1948 convention, about which no final decision has yet been made, will mark the 50th anniversary of the founding of the Association.

At the 25th annual meeting of the Virginia Academy of Science at the University of Virginia, May 8-10, held jointly with the Virginia Junior Academy of Science, Arthur Bevan, state geologist, and president of the Academy, announced the winners of the second Virginia Science Talent Search, which was in charge of an Academy committee headed by Alfred L. Wingo, of the State Department of Education. Top winners were Edward Minter Foley of Danville, and Melissa A. Warfield of Norfolk. A \$50 U. S. Savings Bond was presented to each of the 15 winners, and \$10 to each of the other 27 who qualified for final judging. Joyce Stoutamyer of Front Royal and Richard A. Waterval of Alexandria were awarded memberships in the AAAS, and Audrey Moore of Newport News, Bernard Brown of Norfolk, and Julian A. Scott of Eastville were awarded memberships in the Academy for their outstanding work in the Junior Academy.

Academy officers elected for the coming year are: Jesse W. Beams, University of Virginia, president; E. C. L. Miller, re-elected secretary-treasurer; Rodney C. Berry, Virginia State Department of Agriculture, assistant secretary; and Allan T. Gwathmey, University of Virginia, Council member. Sidney S. Negus, Medical College of Virginia, Richmond, was named president-elect to succeed Dr. Beams in May 1948.

Recent Deaths

Howard Shreve Roberts, 56, physicist at the Geophysical Laboratory, Carnegie Institution of Washington since 1917, died January 30 following an operation.

Arnold J. Gelarie, 62, specialist in rheumatic diseases, and onetime assistant, Rockefeller Institute for Medical Research, died May 9 at Montefiore Hospital, the Bronx, New York.

William Letchworth Bryant, 76, director, Roger Williams Park Museum, Providence, Rhode Island, and honorary curator of Fossil Fishes, New York State Museum,

died June 9 at his home in Providence after a brief illness.

Edward Clark Streeter, 72, medical historian and curator of the museum collections of the Yale Medical Library, died in Stonington, Connecticut, June 17.

Harry Seltz, 51, professor of chemistry, Carnegie Institute of Technology, and supervisor of the Manhattan District project at the Institute during the war, died June 19 at his home in Pittsburgh.

Wilfred Hudson Osgood, 71, curator emeritus of Zoology, Natural History Museum, Chicago, died June 20 in Billings Memorial Hospital, Chicago.

Herbert W. Emerson, 67, formerly director, Pasteur Institute, University of Michigan, died June 21 at Hamilton General Hospital, Burlington, Ontario.

Lorande L. Woodruff, 67, professor of protozoology and director, Osborn Zoological Laboratory, Yale University, died June 23, at his home in New Haven.

Aaron Louis Treadwell, 80, professor emeritus of zoology, Vassar College, died June 24 at his summer home in Redding, Connecticut.

Michael Joseph Callahan, 57, manager of the Fabrics Division, Fabrics and Finished Department, Du Pont Company, died suddenly in Wilmington, Delaware, on June 25.

Make Plans for—

Fifth International Pediatrics Congress, July 14-17, Waldorf-Astoria Hotel, New York City.

Symposium on Sound, July 21-22, Salt Lake Tabernacle, and University of Utah.

The American Mathematical Society, First Annual Symposium in Applied Mathematics, August 2-4, Brown University, Providence, Rhode Island.

American Association for the Advancement of Science, 114th Meeting, December 26-31, Chicago, Illinois.