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News and Notes

About People

James B. Conant is among those upon whom honorary degrees will be conferred by the University of London in November. Others are: E. D. Adrian, Sir Henry Dale, R. A. Fisher, Sir Geoffrey Taylor, and C. T. R. Wilson. The ceremony will take place in connection with the celebration of Founders' Day.

Joseph Erlanger became emeritus professor of physiology at Washington University School of Medicine, St. Louis, on 1 July. At Washington University over 30 years of work on various aspects of circulatory physiology and a series of researches on the mechanism and treatment of shock were carried out in Dr. Erlanger's laboratories. His work led to the Nobel Prize in Medicine in 1944.

H. K. Wilson, head of the Department of Agronomy, The Pennsylvania State College, has been appointed vice-dean and director of Resident Instruction. At present he is filling both positions.

R. A. Fisher, professor of genetics at the University of Cambridge, returned to England on 16 August after spending two months as visiting professor at North Carolina State College, Raleigh. Formerly Dr. Fisher was chief statistician at the Rothamsted Experiment Station, Harpenden, Herts, England, and Galton professor of eugenics at University College, University of London.

Albert M. Stone, formerly with the Radiation Laboratory, Massachusetts Institute of Technology, has been appointed as a physicist in the London office of the Office of Naval Research. Dr. Stone will serve in a liaison capacity between European and American physicists. A former assistant professor of physics at Montana State College, Dr. Stone has most recently served on the Editorial Board for the Radiation Laboratory series of technical monographs.

George H. Ashley, chief of the Pennsylvania Bureau of Topographic and Geologic Survey, will retire on 31 August at the age of 80. He will be succeeded for the last quarter of the year by his associate, Ralph W.

Stone, who will himself retire in December at the age of 70.

Arthur G. Kevorkian is leaving on 30 August for Cienfuegos, Cuba, to become director of the Atkins Garden and Research Laboratory and lecturer on tropical botany.

F. W. Aston, Trinity College, Cambridge, who died 20 November, left 1,000 pounds and his scientific apparatus to the Cavendish Laboratories; 4,000 pounds to the president and Council of the Royal Society for general purposes; 1,000 pounds each to Birmingham University, the British Association for the Advancement of Science, and the Cambridge Preservation Society; and 500 pounds each to the Cambridge Philosophical Society, the Fitzwilliams Museum, and the Malvern College, according to the *Times*, London.

Roger Adams, department of chemistry, University of Illinois, member of the Science Policy Committee, and chairman of the American Chemical Society Board of Directors, will receive the Priestley Medal 11 September at the Society's 110th meeting in Chicago. The Priestley Medal, established in 1922, is granted for "distinguished services to chemistry" by the society and has been won, among others, by James B. Conant, Thomas Midgley, Jr., William A. Noyes, also of Illinois, Charles L. Parsons, and former President Ira Remsen of Johns Hopkins.

This honor is the fourth occasion upon which Dr. Adams has been cited this year. He earlier was presented with the Davy Medal of the Royal Society, London, the Theodore William Richards Medal of the Northeastern Section of the Chemical Society, and was selected to give the first Remsen Memorial Lecture at Johns Hopkins University.

Announcements

Recent appointments to the faculty of the University of Michigan have been announced as follows: J. Speed Rogers will become director of the Museum of Zoology and professor in the Department, effective 1 January 1947. Dr. Rogers has been on the faculty

at the University of Florida since 1919. J. Emerson Kempf, now assistant professor of bacteriology at the University, has been made director of the Pasteur Institute succeeding Herbert W. Emerson, who has been granted sick leave for the year 1946-47, at the end of which time he will retire.

Philip M. Morse, professor of physics at Massachusetts Institute of Technology and wartime consultant on scientific projects to the Navy Department, has been named as director of Scientific Research for the Associated Universities, Inc., which will establish the new atomic research center at Camp Upton, Long Island. The announcement was made by Edward Reynolds, of Harvard University, president of the new organization.

Nine educational institutions of the East have cooperated to form Associated Universities, Inc., which will operate the research center at Camp Upton under government contract. The camp has been transferred from surplus to the Manhattan Engineer District for the purpose. The universities comprising the group are Columbia, Cornell, Harvard, Johns Hopkins, Massachusetts Institute of Technology, Pennsylvania, Princeton, Rochester, and Yale.

Contemplated technical installations include a cyclotron of 500,000,000 volts; a synchrotron of comparable size; and a uranium pile capable of producing a great variety of radioactive products useful in physical and biological research. New construction will provide laboratories devoted to biological, chemical, physical, medical, and engineering research in 10 or 12 buildings planned on the tract of 3,700 acres. The community, technical and nontechnical, will comprise about 1,000 persons. The technical personnel will include a permanent staff as well as scientists on leave from various universities. Seminars for the staff and graduate students are planned for the summer sessions. The primary purpose of the project is to facilitate pure research, looking toward the peacetime application of nuclear energy in industrial and medical fields and toward the training of more scientific personnel.

"It should be emphasized," Dr. Morse said, "that the project is in no way limited to scientists of the nine universities named. This project will enable and encourage the scientists of all universities, large or small, not only in the East but from other sections of the country as well, to cooperate in pure research."

Dr. Morse since 1931 has been a member of the staff at Massachusetts Institute of Technology, where he is now full professor. He was co-author with Edward U. Condon, head of the National Bureau of Standards, of an early textbook on *Quantum mechanics*, published in 1929. During the war he served the military forces

in several important scientific capacities. In 1940 he headed the National Research Council Committee on Sound Control in Combat Vehicles. In 1942 he organized and became director of the Antisubmarine Warfare Operations Research Group, U. S. Navy.

The shortage of young scientific investigators, arising from the interruption of their studies through engagement in war activities, has raised serious problems in educational and other institutions requiring the services of research workers. In order to meet this situation, at least in part, the Rockefeller Foundation made a grant of \$335,000 to the National Research Council in the autumn of 1944 to provide predoctoral fellowships in the natural sciences for the purpose of enabling such persons to complete their studies for the Ph.D. degree as soon as possible.

According to Detlev Bronk, chairman of the National Research Council, a committee consisting of the following persons was appointed to administer the fellowships: John T. Tate, research professor of physics, University of Minnesota (chairman); Henry A. Barton, director, American Institute of Physics; Charles W. Bray, professor of psychology, Princeton University; Detlev W. Bronk, professor of biophysics, University of Pennsylvania; Luther P. Eisenhart, dean and professor emeritus of mathematics, Princeton University; and W. Albert Noyes, Jr., professor of chemistry, University of Rochester. In January 1946 Dr. Noyes succeeded Dr. Tate as chairman.

The Committee began its deliberations in June 1945, and applications were first received during the fall of 1945. In a very short time it developed that the number of applications would far exceed predictions, and the Rockefeller Foundation subsequently made a grant of \$250,000 in addition to the amount originally given.

The applications received each month increased progressively as indicated by the number reviewed prior to the various meetings of the Committee: October, 202; November, 314; December, 330; February, 510; and March, 946.

The large number of applications received just before the final date of 1 February 1946 placed an unexpected burden on the Committee and created several problems which could not have been fully anticipated. Owing to the fact that many of the men desired to begin their graduate studies as early as 1 November 1945, the Committee decided to make some awards at its meeting in October. Since men in certain sciences were deferred from the Selective Service to a greater extent than in others, and since in some sciences men engaged in war work were located in a few central laboratories while in other

fields they were widely distributed, there was a tendency for the applications in some sciences to be filed much later than in others.

At each meeting the awards were apportioned generally according to the number of applications reviewed in each science, but at the final meeting the number awarded was such as to make the distribution among the various sciences approximately proportional to the final percentage of applications in each science, so as to assure the development of men in all fields.

The following table shows the number of applications and the number of awards in each science:

<i>Science</i>	<i>Applications</i>	<i>Awards</i>
Biology	266	20
Chemistry	733	61
Geology	127	9
Mathematics	207	18
Metallurgy	14	3
Physics	841	75
Psychology	114	10
Total	2,302	196

The stipends are \$1,200 per year for single men and \$1,800 per year for married men. In addition, an amount up to \$500 per year is allowed for tuition and fees. For men who receive benefits under the G. I. Bill of Rights the stipends are such as to bring total income to the above figures, *i.e.* \$420 additional for single men and \$720 additional for married men.

Since all awards of fellowships are made for one year and renewal is contingent upon evidence of satisfactory work, the Committee will have to maintain records of the recipients and receive periodic official reports from the institutions where the men are enrolled.

Finally, it was felt by the Committee that when a recipient receives an additional stipend from other sources, there should be a reduction in the fellowship stipend as in the case of veterans. It was believed that the amount of money available should be used as far as possible for the largest number of persons.

The applications in the various sciences were first reviewed by special panels in which, altogether, over 50 persons took part. The Committee is much indebted to those men for their generous assistance.

The Association for the Study of Internal Secretions has announced the winners of the Squibb and Ciba awards made annually for outstanding investigation in the field of endocrinology. The award furnished by E. R. Squibb and Sons was made to Carl G. Hartman, of the University of Illinois, for his fundamental work on the physiology of reproduction and the hormonal factors in menstruation.

The award for younger investigators, made possible through the grant of Ciba Pharmaceutical Products, Inc., went to Martin M. Hoffman, of McGill University, for his work on the metabolism of estrogens and progesterone and his observations on the excretion of cortin in the urine following trauma.

The Edgar Fahs Smith Memorial Collection in the History of Chemistry, University of Pennsylvania, announces the appointment of the following Advisory Committee to the Collection: C. A. Browne, Washington, D. C.; Henry M. Leicester, San Francisco, California; Herbert L. Klickstein, Lt., USNR; and Claude K. Deischer, University of Pennsylvania.

The British Nutrition Society and *The British Council* sponsored a conference of nutrition scientists from Europe and the United States on 4-20 July. After the formal meetings, held at the London School of Hygiene and Tropical Medicine, the delegates visited research laboratories and attended additional conferences in England and Scotland. Representatives from the United States were F. B. Morrison, Cornell University, and C. G. King, Nutrition Foundation and Columbia University. The United Nations were represented by W. R. Aykroyd, Food and Agriculture Organization, and Joseph Needham, UNESCO. There was unanimous agreement that preliminary steps should be taken toward forming an international organization of nutrition scientists within the framework of the United Nations.

A number of postdoctorate research fellowships for the study of factors affecting the production of antibiotics and their action on human, animal, and plant diseases have been announced by the University of Wisconsin. The fellowships, established by Schenley Laboratories, Inc., and Schenley Distillers Corporation, through their affiliate, the Schenley Research Institute, are for a three-year period and will be assigned by the University to the Departments of Agriculture, Bacteriology, Biochemistry, Plant Pathology, Veterinary Science, and Botany, at Madison, Wisconsin. They will come under the immediate supervision of W. C. Frazier, Elizabeth McCoy, M. J. Johnson, H. A. Lardy, W. H. Peterson, E. E. Snell, M. A. Stahmann, F. M. Strong, G. W. Keitt, J. C. Walker, C. A. Brandly, S. H. McNutt, and J. F. Stauffer. The fellows will be appointed by the University on the basis of proved ability in their fields and will receive salaries of \$3,600 to \$4,000 a year. The total of grants, including allowances for working expenses, will be approximately \$110,000. Though the field and scope of the program have been arranged by discussions between the University faculties and E. C. Williams, vice-president and director of research of the Corporation, the fellow-

ships are granted without conditions of any kind and will be administered under the sole discretion of the University.

The 50th anniversary of the establishment of the first psychological clinic at the University of Pennsylvania by Lightner Witmer will be celebrated during the 54th annual meeting of the American Psychological Association at Philadelphia, 3-7 September. Laurance F. Shaffer, Columbia University, Edgar A. Doll, Vineland Training School, and Paul R. Hawley, Chief Medical Director, Veterans Administration, will speak at a program in Houston Auditorium at 8:15 3 September.

Yale University announces an expansion of research in the field of astrophysics supported jointly by the Departments of Astronomy and Physics. Lyman Spitzer, Jr., has been promoted to an associate professor of astrophysics and Rupert Wildt has been appointed assistant professor of astrophysics. Joseph Ashbrook has been appointed to the Department of Astronomy to succeed Victor Goedicke, who has become associate professor of mathematics and astronomy, Ohio University, Athens, Ohio.

The Rumford Committee of the American Academy of Arts and Sciences is able to make grants in support of original researches in the fields of heat and light. Application should be made in the form of a letter describing briefly the research in progress, the amount of the grant desired, the purpose for which it is needed, the support that is being provided by the institution with which the applicant is connected, and other relevant details. Communications from competent endorsers of the research project would be of service to the Rumford Fund Committee, the chairman of which is Harlow Shapley, Harvard College Observatory, Cambridge 38, Massachusetts. Grants in excess of \$400 or \$500 have rarely been made.

Elections

The Thomas Alva Edison Foundation was incorporated on 1 July "for the advancement of education and scientific research." At a meeting of the trustees on 15 July Charles F. Kettering was chosen president. The following were named vice-presidents: Thomas J. Watson, president of the International Business Machines Corporation; Karl T. Compton, president of Massachusetts Institute of Technology; Robert C. Clothier, president of Rutgers University; Gano Dunn, president of the J. G. White Engineering Corporation; and Frank F. Tait, chairman of the Dayton Power and Light Company.

W. Winans Freeman, president of the Edison Pioneers, was elected treasurer, and John Edison Sloane, grandson of the inventor, secretary. Mrs. Edison was elected honorary chairman; Mrs. John Eyre Sloane, the inventor's daughter, honorary vice-chairman; and former Gov. Charles Edison, a son of the inventor, honorary president.

The Oregon Chapter of Sigma Xi, University of Oregon, elected the following officers for the coming academic year at its May meeting: Arnold L. Soderwall, Department of Biology, president; Lloyd W. Staples, Department of Geology, secretary; and Kenneth S. Ghent, Department of Mathematics, treasurer.

The Chicago Section of the American Chemical Society has elected the following officers for 1946-47: Robert K. Summerbell, Northwestern University, chairman, succeeding M. H. Arveson; Charles L. Thomas, Great Lakes Carbon Company, first vice-chairman; Albert L. Sidwell, Jr., American Medical Association Laboratory, second vice-chairman; George S. Schmeing, Loyola University, secretary; and Walter M. Urbain, Swift & Company, treasurer.

Under the direction of the new chairman the Section will sponsor the 110th national meeting of the American Chemical Society and the fourth National Chemical Exposition, both of which will be held in Chicago the week of 9 September.

Recent Deaths

John Taylor Hopkins IV, 18, of Washington, D. C., a 1946 winner in the 5th Annual Science Talent Search, died on 17 August in Jacksonville, Florida, when lightning struck his steel fishing rod and all efforts to revive him failed, according to an announcement from Science Service.

Federigo Enriques, algebraic geometer, emeritus professor of mathematics, University of Rome, died on 14 June 1946.

Morris S. Fine, 60, who was staff director of research for the General Foods central laboratory in Hoboken, died on 15 August at Presbyterian Hospital, New York, after an illness of 10 days.

Julian P. Maes, 35, assistant professor of pharmacology at the Dartmouth Medical School, died on 7 August at Malines, Belgium, of a cerebral hemorrhage. Dr. Maes and his family had sailed on the S. S. Argentina, 19 July, to visit his parents and to collect research data left at the University of Brussels in 1941.