

NEWS and Notes

Paul A. Jenkins has been elected **general chairman** of the local committees directing preparations for the 114th meeting of the AAAS, to be held in Chicago December 26-31, 1947 (*Science*, April 18). As executive secretary of the Chicago Technical Societies Council, a federation of 50 local sections of scientific, engineering, and technological societies, he is eminently qualified to supervise convention arrangements. During World War II he was in charge of operations of the War Production Board in Northern Illinois, including Chicago. Prior to the war he was active in advertising and sales management.

On May 12 the chairmen of the subcommittees in Chicago met for the first time to report to the general chairman. The Equipment Committee had undertaken to survey the availability of meeting rooms in educational institutions near the headquarters hotels as the result of prospective charges of \$6,000-\$8,000 for the use of hotel session rooms. It was reported that all sessions of the convention may be accommodated in rooms made available at no charge either within the Loop or just a few moments distant by bus or streetcar, if the hotels cannot be dissuaded from charging for the use of their session rooms.

At this meeting **George M. Schmeing**, chairman of the Chemistry Department, Loyola University, assumed the chairmanship of the Reception and Entertainment Committee.

About People

J. Robert Oppenheimer, wartime director of the atomic bomb project at Los Alamos, New Mexico, and professor of physics, University of California and California Institute of Technology, has been appointed director of the Institute

for Advanced Study, Princeton, New Jersey. He will succeed **Frank Aydelotte**, who will retire in September. Dr. Oppenheimer will continue as a member of the Joint Army-Navy Research and Development Board and as chairman of the general advisory committee appointed by President Truman to assist the Atomic Energy Commission.

Herman F. Mark, director of the Institute of Polymer Research and professor of organic chemistry, Polytechnic Institute of Brooklyn, has been invited to accept the Chair Franckci at the University of Liège, Belgium, for the academic year 1947-48. The guest professorship, which involves a six-month lecture tour of several Belgian universities, has previously been held by P. Debye, H. S. Taylor, A. Szent-Györgyi, and Victor Henry.

William C. Steere, professor of botany, University of Michigan, and editor of *The Bryologist*, has been appointed chairman of the Department to succeed H. H. Bartlett, who leaves this month to aid in rehabilitation work at the University of the Philippines. Dr. Bartlett will resume his position as professor of botany and director of the Botanical Garden upon his return to the University.

Edwin Y. Webb, Jr., Office of Technical Services, U. S. Department of Commerce, left for Germany April 10 to obtain detailed information on German technological developments in which American electronics and communications industries have expressed particular interest. Mr. Webb will investigate microdot photography; variable-speed facsimile monitoring equipment; automatic telegraph systems; gold-plated surfaces in glass-to-metal seals in electron tubes; velocity-modulated and cold cathode electron tubes; selenium photocells; Telefunken ceramic tubes; and powdered iron cores for high-frequency applications. The results of the investigations will be released to the public through the Office of Technical Services.

J. H. Van Vleck, chairman of the Department of Physics, Harvard University, was the principal speaker at the annual Sigma Xi public lecture at the University of Oklahoma on April 24. His subject was "Microwave Spectroscopy."

Donald B. McMullen, associate professor of preventive medicine and public health, University of Oklahoma School of

Medicine, has been granted a two-year leave of absence to accept appointment as senior parasitologist with the Armed Services in Japan, where he will be attached to the 406th Medical General Laboratory, Tokyo.

Alfred W. Gauger, professor of fuel technology and director of the Mineral Industries Experiment Station, Pennsylvania State College, delivered the 21st annual Priestley Lecture Series April 21-25 at the College. The Priestley Lectures were established in 1926 as a memorial to Joseph Priestley and, since 1931, have been sponsored jointly by the local chapter of Phi Lambda Upsilon, honorary chemical society, and the Department of Chemistry. Dr. Gauger's subject was "Physical Chemistry and the Technology of Fuels."

Raimon L. Beard, entomologist, has returned to the Connecticut Agricultural Experiment Station after a year's leave of absence, during which he was with the Chemical-Biological Coordination Center, National Research Council.

Wendell M. Stanley, of the Rockefeller Institute, Princeton, New Jersey, winner of the 1946 Nobel Prize in chemistry (*Science*, November 22, 1946), will deliver the 1947 Edgar Fahs Smith Memorial Lecture in the auditorium of the University of Pennsylvania, Philadelphia, on June 5. Dr. Stanley will discuss "Recent Studies on Viruses."

Inaugurated in 1929, the lecture series was sponsored by the chemistry faculty of the University until World War II. With resumption of the series last year, the Philadelphia section of the American Chemical Society became co-sponsor with the University.

P. F. Scholander, research biologist Swarthmore College, is attending conferences on zoophysiology at the University of Oslo.

S. R. Detwiler, professor of anatomy, College of Physicians and Surgeons, Columbia University, delivered the 16th annual James Arthur Lecture on the Evolution of the Human Brain at the American Museum of Natural History, New York City, on May 8. He spoke on: "Structure-Function Correlations in Developing Nervous System as Studied by Experimental Methods."

Willy Baensch, from 1929 to 1945 professor of radiology and cancer research and director of the cancer hospital, Uni-

versity of Leipzig, has been appointed professor of roentgenology at the Georgetown University School of Medicine, Washington, D. C. Dr. Baensch, who was elected secretary-general of the International Congress of Radiology at the last meeting in Chicago in 1937, is co-author with Drs. Schinz and Friedl of the *Manual of roentgen diagnosis*.

Grants and Awards

The John Wesley Hyatt Award for the Advancement of Plastics, consisting of a gold medal and \$1,000, was presented to John J. Grebe, director of the Physical Research Laboratory, Dow Chemical Company, Midland, Michigan, on April 23 for his work in the production of pure styrene and its polymerization. Robert R. Dreisbach, staff member of the same laboratory, received a silver medal from the Award Committee for his contribution to the development of styrene.

Gladys S. King, at the 94th annual meeting of the New Orleans Academy of Sciences, was awarded the 1947 Research Grant, contributed equally by the New Orleans Academy of Sciences and the AAAS, for a study of the effects of 2,4-D on plant growth substances in water hyacinth and alligator weed.

Albert F. Blakeslee, director, Genetics Experiment Station, Smith College, Northampton, Massachusetts, was awarded the Gold Medal of the Massachusetts Horticulture Society at a meeting of the Board of Trustees on January 7 for his contributions in the field of genetics and his contribution as an author along botanical and horticultural lines. Recognition was also made of Dr. Blakeslee's initiation of the use of colchicine in plant breeding.

Sharp & Dohme, Inc., has announced the award of three new research grants and the renewal of a fourth. The new grants have been made to: O. P. J. Falk, consultant at the St. Louis City Hospital, St. Louis, Missouri, in support of a clinical study to evaluate caronamide as an adjunct of penicillin in the treatment of infectious diseases; C. M. Hendricks, El Paso Medical and Surgical Clinic, in support of an extensive clinical study on the use of tyrothricin and other preparations as an aerosol; and Marshall C. Cheney, physician in charge of student health, University of California, Berkeley, in support of research on the prevention of the common cold by means of respira-

tory vaccines. A grant to Tulane University was renewed to allow C. Gordon Johnson to continue research on clinical problems that involve sulfathalidine phthalylsulfathiazole and sulfamerazine in pre- and postoperative urinary tract infections.

Joseph M. Hill, director of the William Buchanan Blood Center, Baylor University, Dallas, Texas, and professor of clinical pathology at Southwestern Medical College, received the first Marchman Award for notable research in medicine at the annual dinner of the Dallas Southern Clinical Society, January 21. Dr. Hill won the award for his recent investigations of the Rh factor. Named for the first president of the Clinical Society, Oscar M. Marchman, the award will be made annually except in years when there are no outstanding candidates.

Norman Arnold Nielsen, metallurgical engineer in the Engineering Research Laboratory of the Du Pont Company's Experimental Station, Wilmington, received the 1946 Young Authors Prize at the spring meeting of the Electrochemical Society. The award is given annually to authors under 27 years of age for the best technical paper in the year's publications of the Society. Dr. Nielsen's winning paper, "Passivation of Stainless Steel," written with E. M. Mahla, also of the Du Pont Experimental Station, included an evaluation of the various treatments for increasing the resistance of stainless steel to corrosion.

W. W. Norton & Company is again offering the **Norton Medical Award** for book manuscripts written for the lay public by professional workers in the field of medicine. The Award, which offers \$5,000 as a guaranteed advance against royalties, is not being limited to any one year, and there is no final date for submissions. Either complete manuscripts or detailed table of contents, together with 100 pages of manuscript, may be submitted. A descriptive folder giving full details of the terms of the Award may be secured on request from the Company at 101 Fifth Avenue, New York 3, New York.

The Washington Academy of Sciences, at a meeting March 20, presented certificates of award for outstanding achievement in the biological, engineering, and physical sciences to: Waldo

R. Wedel, U. S. National Museum, for his contribution to knowledge of the prehistory of human ecology in the central great plains; Martin A. Mason, Beach Erosion Board, War Department, for erosion studies leading to successful Allied beach invasions during the war; and George W. Irving, Jr., U. S. Bureau of Agricultural and Engineering Chemistry, for service in biochemistry, especially antibiotics in tomato plants.

Colleges and Universities

An Electric Analog Computer will be part of the new Analysis Laboratory now being established at the California Institute of Technology, according to announcement by Gilbert D. McCann, associate professor of electrical engineering at the Institute, who is setting up the laboratory.

The new calculator, which will be made available to all interested industrial and engineering organizations as well as being used for research at the Institute, will be in partial operation by June 1 and is expected to be completed by August. Weighing approximately 33,000 pounds, the machine, including its control desk, will occupy some 1,000 square feet of floor space. The device was designed for the solution of complex mathematical problems in the field of algebra and calculus requiring an accuracy of the order of 1 per cent. It is particularly suited to solving engineering problems, including those of electrical circuits; applied mechanics; self-induced mechanical oscillations, such as airplane structure flutter, car shimmy, rail car stability; problems in thermodynamics, such as a general analysis of heat flow problems; speed controllers, voltage regulators; and angle position controllers, such as airplane stabilizers, guided missiles, gyro pilots, etc.

According to Dr. McCann, a similar computer is being built by Westinghouse.

Northwestern University has received a gift of \$190,172, the first of several to total more than \$500,000, from the Public Health Institute of Chicago for use in the projected \$100,000,000 medical center on the University's Chicago campus. The fund will be used for expanded research in the field of venereal diseases, other public health problems, and medical education and for treatment and examination of patients in the medical school clinic. All equipment

and other physical property of the Institute, which ceases operation this year after 26 years of operation as a nonprofit center for the treatment of venereal diseases, will be given to the University for use in connection with the fund.

The center will also have a neuropsychiatric hospital, provided by a bequest of \$1,500,000 from the late Mrs. Joy Morton; a 600-bed cancer hospital, which will be built by the Veterans Administration; and new structures to house several of the established Chicago hospitals.

Industrial Laboratories

William C. Ellenbogen, formerly with the York Corporation, York, Pennsylvania, has joined the research staff of the Smith, Kline & French Laboratories, Philadelphia.

Edgar A. Thronson, of the Du Pont Company, has been appointed assistant director of the Technical Division, Electrochemicals Department.

Robert W. Elkas, formerly a Fellow of the Purdue Research Foundation, Purdue University, has been appointed assistant director of Pharmaceutical Control, Sharp & Dohme, Inc., Philadelphia.

M. F. Gribbins, a member of the Chemical Division of the Ammonia Department staff at the Du Pont Experimental Station since 1942, has been appointed to the Technical Service Section of the Ammonia Department. He will be concerned principally with development work relating to fertilizers and dairy and cattle feeds.

A new all-weather approach light system, developed by the Westinghouse Electric Corporation, permits visibility through 1,000 feet of the thickest weather, when objects 50 feet away cannot be seen in daytime. The system is a supplement to radar and radio aids, and not a replacement, since its usefulness begins when a plane reaches the approach portal, 3,500 feet from the end of the runway. Up to this point, a pilot is guided by instruments.

The system includes flash units, giving up to 3,300,000,000 beam candlepower, for use in zero-zero daytime; controllable blaze units that can be set to emit a soft red glow of about 100 candlepower for use on clear, moonless nights; and stages of candlepower suitable for any intermediate weather conditions.

A partial installation of this system has been tested at the Cleveland Municipal Airport. Tests have shown that the transition from instrument approach to visual landing can be accomplished under any condition of fog. The first full system will be installed at New York City's Idlewild Airport within eight months.

Vladimir Kosma Zworykin has been elected vice-president and technical consultant of the RCA Laboratories Division, Radio Corporation of America. Formerly director of the Electronic Research Laboratory, Princeton, New Jersey, Dr. Zworykin joined RCA in 1930.

During the war he directed television and radar research. In radio and electronic research for RCA he invented the iconoscope, television's electronic "eye," and developed the kinescope, electronic picture tube of the television receiver. He directed research on the first commercially practical electron microscope, for which he received the Rumford Award of the American Academy of Arts and Sciences in 1941. For work on television Dr. Zworykin received the Howard N. Potts medal of the Franklin Institute, announced in March 1947.

Meetings

The Laurentian Hormone Conference of the AAAS will meet September 8-13, at the Ste. Adele Lodge, Ste. Adele Quebec.

During the meeting the following papers will be presented: "The Mechanism of Action of the Plant Growth Hormones," Kenneth V. Thimann, Harvard University; "The Biochemistry of Pituitary Growth Hormone," Choh Hao Li, University of California; "The Effects of Hormones, Vitamins and Other Substances on Adrenal Function and Lipid Metabolism," Robert H. Williams, Thorndike Memorial Laboratory, Boston City Hospital; "New Syntheses in the Field of Estrogens," K. Miescher, Ciba Limited, Basle, Switzerland; "Steroid Excretion in Health and Disease," Seymour Lieberman, Memorial Hospital, New York City (chemistry), and Konrad Dobriner, Memorial Hospital, New York City (clinical aspects); "Urinary Steroids in Adrenal Disease," H. L. Maxon, Mayo Clinic; "The Chemical Histology of Endocrine Glands," Edward W. Dempsey, Harvard University; "Localization of Radioactive Compounds in Tissues," C.

P. LeBlond, McGill University; "The Biology of the Interstitial Cells of the Testis," Charles W. Hooker, Yale University; "The Testis in Human Hypogonadism," Warren O. Nelson, University of Iowa; "Some Observations as to the Role of Testicular Secretions," James B. Hamilton, Long Island College of Medicine; "Regarding the Gonadotrophic Gonad Axis in Men," Carl G. Heller, University of Oregon; "The Renal Pressor System and Hypertensive Disease," A. C. Corcoran, Cleveland Clinic Foundation; and "Hypertension as a Disease of Adaption," Hans Selye, University of Montreal.

Since facilities of the Lodge are limited, membership in the Conference is established by invitation. Applications for membership by active investigators in the hormone field will be received by the Committee on Arrangements and its advisory committee. The members of the advisory committee are: B. J. Brent, H. M. Evans, H. B. Friedgood, R. G. Hoskins, H. Jensen, F. Koch, I. T. Nathanson, L. T. Samuels, E. Schwenk, M. L. Tainter, and A. White. Applications for membership may be made up to June 30, 1947, and should state if reservations for family members are desired.

The American Society of Mechanical Engineers, meeting in Chicago June 15-19, has planned its program about the 1947 theme, "The Engineer's Responsibility in Increasing National Productivity." In addition to the presidential address on "Broader Vistas," by Eugene W. O'Brien, addresses will be given by C. E. Wilson, General Motors Corporation, Robert R. Wason, National Association of Manufacturers, and others. One feature of the Wednesday evening banquet will be the presentation of the 1946 Alfred Noble Prize (administered by the American Society of Civil Engineers) to Martin Goland, Midwest Research Institute, Kansas City, for his paper, "The Flutter of a Uniform Cantilever Wing," which also won the Association's Junior Award. The technical sessions, to number about 40, will include: a meeting sponsored by the power division and the nuclear energy application committee, June 17; a meeting co-sponsored by the American Rocket Society, June 18; and a session on industrial instruments and regulators, with the Engineering Institute of Canada participating. Additional subjects to be considered in technical sessions are: machine design, fuels, materials

handling, metals engineering, process industries, rubber and plastics, aviation, power, production engineering, heat transfer, railroads, oil and gas power, management, citizenship, and education.

The Committee on Medical Research of OSRD has announced the final disposition of the accumulated records of research carried on under CMR sponsorship during the years 1941-46.

Weekly Bulletin: Complete sets of the 78 issues of the CMR Weekly Bulletin, containing abstracts of the "open" and "restricted" reports received from CMR investigators and a subject index, entitled "Summary of Reports Received by the Committee on Medical Research," are being deposited in the following libraries: Beloit College Libraries; Boulder City Public Library; Brown University Library; California Institute of Technology Library; Carnegie Institute of Technology Library; Carnegie Library of Pittsburgh; Case School of Applied Science Library; Clarkson College of Technology Library; Clemson College Library; Cleveland Public Library; Colgate University Library; Colorado A. and M. College Library; Colorado School of Mines Library; Columbia University Libraries; Cornell University Library; Crerar Library, Chicago; Detroit Public Library; Duke University Library; Engineering Societies Library; Enoch Pratt Free Library; Georgia School of Technology Library; Government Printing Office, Washington, D. C.; Harvard College Library; Illinois Institute of Technology Library; Iowa State College of Agriculture Library; Johns Hopkins University Library; Joint University Libraries; Library of Congress; Library of the Franklin Institute of the State of Pennsylvania; Louisiana State University Library; Massachusetts Institute of Technology Library; Montana State College Library; New Mexico School of Mines Library; New York Public Library; North Carolina State College Library; Northwestern University Library; Norwich University Library; Ohio State University Library; Oregon State College Library; Pennsylvania State College Library; Polytechnic Institute of Brooklyn Library; Princeton University Library; Purdue University Library; Rensselaer Polytechnic Institute Library; Stanford University Libraries; State College of Washington Library;

State University of Iowa Libraries; Texas Engineers Library; Texas Technological College Library; Libraries of the Universities of California, California (Los Angeles), Chicago, Cincinnati, Delaware, Denver, Florida, Idaho, Illinois, Kansas, Maryland, Michigan, Minnesota, Missouri, Nebraska, New Mexico, North Carolina, Notre Dame, Oklahoma, Oregon, Pennsylvania, Rochester, South Carolina, Tennessee, Texas, Utah, Virginia, Washington, and Wisconsin; Utah State Agriculture College Library; Virginia Polytechnic Institute Library; Washington University Library, St. Louis; West Virginia University Library; Western Reserve University Library; Woods Hole Oceanographic Institute Library; and Yale University Library.

Reprints: Bound and indexed sets of more than 1,000 reprints of published work done under OSRD-CMR contracts are being deposited with the following: Army Medical Library, Washington, D. C.; Boston Medical Library; Crerar Library, Chicago; Lane Medical Library, San Francisco; Library of the National Academy of Sciences, Washington, D. C.; Library of the New York Academy of Medicine; Library of the Philadelphia College of Physicians; and Tulane University Medical Library, New Orleans.

Malaria Reports: Indexed sets of the 734 numbered reports issued by the Board for the Coordination of Malarial Studies, as well as Army, Navy, British, and Australian malaria reports, have been deposited with the Library of Congress, the National Archives Library, and the Office of Technical Services, Department of Commerce. Photostatic copies of the reports can be purchased from the latter office.

Aviation Medicine Reports: A complete set of the 505 numbered reports issued by the National Research Council Committee on Aviation Medicine, including Army, Navy, and CMR reports, has been deposited with the Army Medical Library, Washington, D. C. Microfilm or photostatic copies of the reports that have been declassified may be purchased from the Library.

Final and Interim Reports of CMR Investigators: Copies of almost all of these reports are on file in the Office of Medical Records, National Research Council, 2101 Constitution Avenue, Washington, D. C. Although these reports will not be sent out on loan, they may be consulted in that office.

Fresh eggs of wild American birds, however common, are desired by Hugh B. Cott, Cambridge University Museum of Zoology, Cambridge, England, for use in connection with a detailed investigation of the palatable and biochemical properties of birds' eggs. Dr. Cott would like to receive a complete clutch in the case of smaller birds; in the case of larger birds, one egg per species would be sufficient. The eggs should be collected fresh (before incubation) and sent air mail. Dr. Cott will pay the cost of freightage.

Former Sanitary Corps officers, including those still on active duty, are urged to communicate with Col. M. J. Blew to provide information for completion of an accurate postwar roster and for preparation of an analysis and evaluation of the activities of the Corps during the war. The following information is desired: rank; date called to active duty; present rank or rank on separation; specialty (engineering, entomology, parasitology, bacteriology, chemistry, nutrition, etc.); a résumé of pertinent facts regarding active-duty assignments; academic and professional degrees; professional and honorary society affiliations; whether registered or certified, etc.; and any comments or suggestions desired.

Communications should be addressed to: Col. M. J. Blew, % National Society of Professional Engineers, 1359 Connecticut Avenue, N. W., Washington 6, D. C.

Make Plans for—

American Society of Heating and Ventilating Engineers, June 1-4, Colorado, California.

Institute of Food Technologists, June 1-4, Hotel Statler, Boston, Massachusetts.

American Society for the Study of Blood, organizational meeting, June 8, Hotel Claridge, Atlantic City, New Jersey.

American Institute of Electrical Engineers, summer general meeting, June 9-13, Montreal.

American Medical Association, centennial session, June 9-13, Atlantic City, New Jersey.

Meteoritical Society, 10th meeting, June 18-19, San Diego, California.