

Joint meetings with other sections are also under discussion. K. K. Landes will give the address of the retiring vice president.

Those planning to participate in any of the programs are requested to file titles and abstracts (not

exceeding 250 words) by *June 15* to be assured a place on the program. Final date is *September 15*. Correspondence, titles, and abstracts should be addressed to Leland Horberg, Department of Geology, University of Chicago, Chicago 37.

News and Notes

Scientists in the News

New Zealand's volcanic district will be studied by **O. P. Bergelin**, associate professor of chemical engineering at the University of Delaware. He will aid the dominion government in seeking to harness the steam and hot water from underground. Dr. Bergelin received a Fulbright scholarship after the New Zealand government had appealed for American experts in heat transfer to aid in utilizing the islands' natural thermal resources. Much of his work probably will be done at Rotorua, in the center of North Island, where the volcanological observatory is located.

Thomas P. Collier, assistant general manager of export operations for Inter-American Orange-Crush Company, has been named manager of international research operations at Armour Research Foundation of Illinois Institute of Technology.

Norman F. Conant, of the Duke University School of Medicine, is delivering a series of lectures on mycology at leading Scandinavian medical centers, at the invitation of Arvid Lindau, professor of bacteriology at the Bakteriologiska Institutionen, Lund.

I. Costero, professor of pathology, National University of Mexico, and visiting lecturer in pathology, University of Texas, is giving a series of five lectures at the University of Texas. His third lecture, May 11, will deal with "The Neuroglia Cells *in Situ* and *in Vitro*." On May 18, he will speak on "The Pathology of the Genuine Neuroglia," and on "Modern Knowledge of the Microglia in Normal and Pathological States." Three of Dr. Costero's lectures are in collaboration with **C. M. Pomerat**.

Three Americans and a Norwegian have been elected to Britain's Royal Society: **Herbert McLean Evans**, of the University of California, Berkeley, for researches in anatomy, embryology and endocrinology; **Karl Spencer Lashley**, of Yerkes Laboratories, for studies of the neurological basis of animal behavior and of the factors involved in learning; **Ralph W. G. Wyckoff**, of the National Institutes of Health, for contributions to the study of viruses; and **Carl Fredrik Stormer**, of Oslo, for researches on the motion of charged particles in magnetic fields and on auroral phenomena.

Burton R. Fisher, present program director of the Survey Research Center at the University of Michigan, has been appointed professor of sociology at the University of Wisconsin.

Frank C. Fowler, formerly of the University of Oklahoma, has been added to the staff of Midwest Research Institute, Kansas City, as petroleum consultant. From 1943 to 1946, Dr. Fowler was senior process engineer in the chemical products department at Phillips Petroleum Company. At the university since 1946, he administered both graduate and undergraduate courses and directed graduate research. He also conducted industrial research programs for the University of Oklahoma Research Institute.

Four Public Health Service nurses have been assigned to the Economic Cooperation Administration Mission in Southeast Asia. **Lillian A. Gardiner** will be chief nurse adviser for the ECA mission in Thailand, with headquarters in Bangkok. Miss Gardiner will work with **Erval R. Coffey**, Public Health Service medical officer, who is ECA medical director of the Thailand mission. **Mary Bouser**, **Walborg Wayne**, and **Florence Ullman** will work on health teams in Burma.

Wesley E. Gilbertson, of Atlanta, executive officer of the Communicable Disease Center, will serve as technical adviser to the U. S. delegation to the fourth World Health Assembly, which is meeting in Geneva, May 7-25. The delegation consists of **Leonard A. Scheele**, USPHS; **Roy Cleere**, state health officer of Colorado; **India Edwards**, of Washington, D. C.; **Senators Nixon and Lehman**; **H. B. Mulholland**, of Charlottesville, Va.; **Malcolm MacEachern**, of Chicago; and **Richard L. Meiling**. Mr. Gilbertson will also go to Athens to advise the Health Division of the ECA Mission to Greece on changes in the malaria control program in that area, and in London he will attend the congress of the International Union of Local Authorities.

Marcel Golay, a chief scientist of the Signal Corps Engineering Laboratories, Fort Monmouth, N. J., was presented the Harry Diamond Memorial Award for outstanding contributions in the fields of radio and electronics at the annual convention of the Institute of Radio Engineers in New York City. The award, named after a former National Bureau of Standards scientist, is presented annually in recognition of publication in professional society journals.

The Award of Merit made annually by the Alumni Association of Cornell University Medical College to an outstanding graduate has been won this year by **Connie M. Guion**, professor of clinical medicine. She is chief of the medical clinic of New York Hospital-Cornell University Medical Center and a consultant

physician on its staff. William H. Cassebaum, president of the association, presented the award during the annual meeting at New York Hospital.

The University of Miami Marine Laboratory has appointed **Ilmo Hela** assistant professor of oceanography. Dr. Hela, who is assistant professor of geophysics at the University of Helsinki and lecturer in meteorology at the Institute of Technology, University of Finland, will carry out research on the Florida Current and other water movements in the Gulf of Mexico and in the Caribbean. He will also give a course of lectures in physical oceanography.

The following appointments have been made to the Faculty of Medicine, Dalhousie University: **M. M. Hoffman**, professor of experimental medicine, and head, Department of Metabolism, Victoria General Hospital, formerly assistant director, McGill University Clinic, Royal Victoria Hospital, Montreal; **J. Gordin Kaplan**, assistant professor of physiology, formerly of the Department of Zoology, Columbia University; **N. G. B. McLetchie**, professor of pathology, formerly of the Universities of Bristol and Glasgow and recently pathologist to the province of Saskatchewan; **Frank Moya**, lecturer in experimental medicine, formerly of McGill University; **Roger Reed**, professor of bacteriology, formerly bacteriologist to the Montreal General Hospital; and **R. D. Stewart**, assistant professor of biochemistry, formerly of the Worcester Foundation for Experimental Biology.

The Rumford Premium for 1951 has been awarded to **Herbert E. Ives** of Upper Montclair, N. J. The Rumford Premium, in honor of the well-known American-born scientist, Benjamin Thompson, Count Rumford, is given every second year by the American Academy of Arts and Sciences in recognition of important discoveries in heat and light. Dr. Ives, who was with the Bell Telephone Laboratories from 1919 to 1947, has made outstanding contributions to optics, including the first accurate determination of the visibility function of the average human eye, scientific methods of color measurement and specification, and other developments in the physics of light measurement.

Chih Kung Jen, research lecturer at Harvard, and **Edwin Shotland**, engineer for the Chance Vought Aircraft Co., of Dallas, Texas, are among 23 recent additions to the staff of The Johns Hopkins University Applied Physics Laboratory at Silver Spring, Md.

John B. Jewell has been made medical director of Ayerst, McKenna & Harrison Limited, New York. Formerly medical director of the Canadian division of the firm, Dr. Jewell is now in charge of medical services for both the U. S. and Canada.

Gordon Kiddoo has been appointed assistant director of the Petrochemical Research Department, National Research Corporation. Mr. Kiddoo will be in charge of the engineering economics of the petrochemical research program which National Research

Corporation is undertaking jointly with Electric Bond & Share Company and United Gas Corporation.

Arthur Kirschbaum, of the University of Minnesota, has been appointed professor of anatomy and head of that department at the University of Illinois College of Medicine. He will succeed **Otto F. Kampmeier**, who requested that he be relieved from administrative duties to complete several books, one of which is an atlas of head and neck anatomy. Dr. Kampmeier will continue as professor of anatomy.

Philip Levine, of the Ortho Research Foundation of Raritan, N. J., and **Alexander S. Wiener**, of Brooklyn, are joint and equal recipients of the Passano Foundation Award for 1951. The work of Levine and Wiener relates to the discovery and clinical application of the Rhesus (Rh) factors in human blood. Presentation of the \$5,000 cash award will be made during the annual meeting of the American Medical Association. Established in 1943 by the Williams & Wilkins Company, medical publishers of Baltimore, the foundation is dedicated to the encouragement of medical research.

E. D. Vere Nicoll, chief assistant to the Orthopedic and Fracture Departments, St. Bartholomew's Hospital, University of London, has been appointed instructor in orthopedics at the University of Virginia.

Erik Sjöqvist has been appointed professor of classical archaeology at Princeton University. Dr. Sjöqvist has participated in archaeological excavations in Greece and on Cyprus. From 1940 to 1948 he was director of the Swedish Institute in Rome. Since 1948 he has been visiting professor at Princeton.

Under the program of the Carnegie Corporation of New York, grants-in-aid for travel and study in this country have been made to **H. W. Springer**, registrar of the University College of the West Indies, Jamaica; **Frank R. E. Mauldon**, professor and head of the department of economics at the University of Western Australia, Nedlands; **R. M. M. Cormack**, senior conservation engineer of Southern Rhodesia; **J. D. A. Collier**, state librarian of Tasmania, Australia; and **G. H. Vasey**, lecturer in agricultural engineering at the University of Melbourne.

J. McWilliams Stone, founder and president of Operadio Manufacturing Company, St. Charles, has been named to the board of trustees of Illinois Institute of Technology, filling the vacancy created by the death of **John P. Sanger**.

Hobart H. Willard professor of chemistry at the University of Michigan, has been honored in a full day seminar, in which only his former students participated. Twenty-one papers dealing with various new discoveries in chemistry were given by nineteen students, who are now professors and researchers in colleges and universities throughout the U. S. Professor Willard was also given the ACS Fisher Award in Analytical Chemistry. He has been on the Michigan faculty for 45 years.

Colleges and Universities

Workshops and special courses covering many aspects of psychology will be held this summer at: the University of Chicago, by the Committee on Human Development (July 9–August 3); Claremont College (July 23–August 4, August 8–August 18); Duke (June 11–June 23); University of Maryland (July 23–August 3); Houston (June 4–July 13); the Michigan Survey Research Center (July 23–August 17); Moreno and Psychodramatic Institutes (May 26–30, June 30–July 4, September 1–3); New School for Social Research (June 18–July 7); New York University School of Education and the New York State Association for Crippled Children and Adults (June 4–26); San Diego State College (June 18–July 27); University of Utah (June 25–30); Lynchburg State Colony, Virginia (July 16–20).

The **Hague Academy of International Law**, which resumed its activities in 1947, will hold its summer session July 16–August 11, with lectures in either English or French. Tuition is free. Application forms are available at the Secretariat, Peace Palace, The Hague.

In addition to its Israeli workshop (*Science*, 113, 221 [1950]), New York University will hold three other overseas workshops. A workshop on "Human Relations in World Affairs" will be conducted through England, France, and Germany; another group will take part in a "Field Workshop in Cultural Anthropology in the Virgin Islands," and a third will also go to the Caribbean, to study the environment in which Puerto Rican children grow up. For further information write to Nazaret Cherkezian, School of Education, NYU, Washington Square, New York.

Stanford University School of Medicine will hold its annual fall postgraduate courses for practicing physicians September 10–14. Write to the office of the dean, 2398 Sacramento St., San Francisco 15, for additional information.

A variety of **summer courses for English-speaking students** will be held in Sweden this summer. Among them are "Aspects of Sweden Today," August 1–20, at Upsala, under the leadership of Torgny T. Segerstedt; "Social and Economic Development in Sweden," Jacobsberg People's College (near Stockholm), August 27–September 11; "Swedish Decorative Art and Architecture," organized by the National Association of Swedish Architects, the Swedish Institute, and the Swedish Society of Industrial Design, Stockholm, August 13–25; an International Sociological Seminar, July 10–August 1 at Marston Hill, Mullsjö, sponsored by the Institute of Social Research; and "Swedish for Foreigners," in the medieval town of Sigtuna, near Stockholm, August 1–8.

Improved undergraduate courses in psychology is the objective of a seminar to be held June 25–August 31 by a group of psychologists interested in

this field. Members of the group are: Claude E. Buxton, Yale; Charles N. Cofer, University of Maryland; John W. Gustad, Vanderbilt; Robert B. MacLeod, Cornell; Wilbert J. McKeachie, University of Michigan; and Dael Wolfe, Commission on Human Resources. The group intends to prepare model course outlines which will minimize overlap of subject matter, reduce the number of similar courses, and provide the basis for more systematic instruction at the undergraduate level. The project is sponsored by the University of Michigan on a grant made jointly by the Carnegie Corporation and the Grant Foundation.

Fellowships

The **Sweden-American Foundation**, Stockholm, has announced the distribution of \$28,000 in scholarships to 21 young men and women from many different parts of Sweden, for study in the U. S. Subjects to be investigated include fossils, music, sociology, television, home economics, dentistry, and metallography. The foundation has also recommended eight candidates for U. S. scholarships under the Smith-Mundt Act.

The **Fund for the Advancement of Education** has inaugurated a \$2,280,000 fellowship program designed to increase the teaching skill of younger college instructors. Up to 500 fellowships may be awarded for the academic year 1951–52. Application forms (returnable by June 1) are being mailed this week to college and university presidents. The members of the National Committee for Administration of the Fellowships, under the chairmanship of Victor L. Butterfield, Wesleyan University, are Francis Keppel, Harvard; Harvie Branscomb, Vanderbilt; Mary A. Cheek, Rockford College; Fred C. Cole, Tulane; Arthur H. Compton, Washington University; Arthur G. Coons, Occidental College; Albert W. Dent, Dillard; William C. DeVane, Yale; Paul A. Dodd, California at Los Angeles; Eldon L. Johnson, University of Oregon; Nathan M. Pusey, Lawrence College; Gilbert F. White, Haverford College; Goodrich C. White, Emory University; Payson S. Wild, Jr., Northwestern; and O. Meredith Wilson, University of Utah. Headquarters will be at 575 Madison Ave., New York.

Eli Lilly and Company has established two \$1,500 fellowships in the College of Pharmacy of the University of Florida, in pharmacy and in pharmaceutical chemistry, under C. H. Becker and W. M. Lauter, respectively. A B.A. from an accredited college of pharmacy is prerequisite. P. A. Foote is dean of the college.

The **Ford Foundation**, through its Fund for the Advancement of Education, has established a fund of \$1,200,000 for an unusual educational experiment. Columbia, Yale, Chicago, and Wisconsin will each accept 50 promising male students who must be under 16½ on September 15; three fifths of those selected will not be high school graduates, but must have completed the sophomore year, the tenth grade, or its equivalent. College Board examinations will be given May 19 to those recommended by their high schools.

Applicants are urged to write at once to the College Entrance Examination Board, Princeton, N. J., declaring their intention to register for the examination and enclosing appropriate background information. Two years of work will be provided.

Tau Beta Pi graduate fellowships for 1951-52 have been awarded to Douglas R. Briggs, George L. Durfee, Frederick J. Ellert, George A. Gray, Allan K. Hammell, Frederick W. Nesline, Jr., Robert G. Rinker, and Arthur A. Wasserman. All are members of the national engineering honor society founded in 1885.

In the Laboratories

Cambridge Corporation, Syracuse, N. Y., a new company jointly owned by Arthur D. Little, Inc., and Carrier Corporation, will manufacture an air filter developed by Little. First used by the AEC to keep radioactive particles out of the atmosphere, the filter will be useful also where air must be kept dust-free or sterile. Raymond Stevens, vice president of Arthur D. Little, has been elected president of Cambridge Corporation, and David H. Northrup, of Carrier Corporation, is vice president and general manager.

The **Du Pont Company** has recently inaugurated a program providing engineering college educators with a year's experience in industry to help bridge the gap between the campus and industry. Regular salaries, plus reasonable expenses, will be paid by Du Pont. David L. Arm, dean of the School of Engineering at the University of Delaware since 1946, is the first administrative officer invited to participate in the program.

The **Kendall Company**, Boston manufacturer of surgical dressings, cotton textiles, and allied products, has opened the Theodore Clark Laboratory at Cambridge, Mass. Named for the late Theodore Clark, chemist and former vice president of the company, the laboratory will conduct both basic research and work on specific company problems in high polymers, under the direction of Willard M. Bright.

The International Division of **Stanford Research Institute** has organized a team of industrial experts to go to Italy to participate—on invitation from the Italian government—in an industrial survey and analysis of Italian mechanical industries. John Abbink, former president of McGraw-Hill International and chairman of the Joint Brazilian-United States Technical Mission of 1949, will be a senior member of the commission, which will include members from Stanford, Armour Research Foundation, Southwest Research Institute, and George S. Armstrong & Company.

Sinclair Research Laboratories, Inc., will take over all research activities of the Sinclair companies, including the Harvey, Ill., laboratories. E. W. Isom has been elected chairman of the board of the laboratories; P. C. Spencer, president; and W. M. Flowers and E. C. Herthel, vice presidents.

Meetings and Elections

Following similar conferences at Oak Ridge in 1949 and Chalk River in 1950, a joint **American-British-Canadian Conference on Radiation Detection Instruments** has been held at Harwell this month under the technical cooperation program of the three nations involved. The first week was spent in discussions at Harwell and the second was devoted to visits to British instrument manufacturers. U. S. representatives were P. R. Bell, Oak Ridge National Laboratory; C. C. Gamertsfelder, General Electric Co., Hanford, Wash.; R. W. Johnston, AEC Radiation Instrument Branch, Washington; J. B. H. Kuper, Brookhaven National Laboratory; H. D. Levine, AEC New York Operations Office; F. R. Shonka, Argonne National Laboratory; and R. J. Watts, Los Alamos. The British delegation included Denis Taylor, E. H. Cooke Yarborough, J. Sharpe, and K. Kandia. George Cowper and I. L. Fowler were the Canadian representatives.

At the conclusion of the annual meeting of the **American Association of Petroleum Geologists** at St. Louis, April 23-26, Frank A. Morgan, vice president and manager of exploration, Richfield Oil Corporation, succeeded C. L. Moody as president. Lewis G. Weeks, of Standard Oil Co. (N.J.) became vice president, succeeding John Emery Adams, of Standard Oil of Texas; Robert H. Dott, of the Oklahoma Geological Survey, replaced Henry N. Toler as secretary-treasurer; and Kenneth K. Landes, of the University of Michigan and immediate past chairman of Section E, AAAS, took over the editorship of the *AAPG Bulletin* from Alfred H. Bell, of the Illinois State Geological Survey.

Living in Industrial Civilization is the general theme of a three-day conference to be held at the Corning Glass Center May 17-19, sponsored by Corning Glass and the American Council of Learned Societies. Approximately 100 industrialists, labor leaders, scientists, and philosophers will participate in the sessions, which will initiate a series of events scheduled for the Corning Glass Works centennial year.

A symposium on **Complex Ions and Polyelectrolytes** will be held June 18-20 at Cornell University, covering the kinetics and equilibrium aspects of complex ion formation, the polymerization of complex ions, the properties of synthetic polyelectrolytes, proteins, and ion exchange resins. The Cornell section of the American Chemical Society and the Department of Chemistry of Cornell University will be hosts. Lack of sufficient facilities necessitates restricting attendance to 350. Preregistration by May 20 will be required.

The **American Institute of the History of Pharmacy** celebrated its tenth anniversary by holding a historical symposium at the University of Wisconsin this week. George Rosen, Henry M. Leicester, Abbott P. Usher, Frans Verdoorn, and George Urdang were among the symposium participants. Headquarters of the institute are at the University of Wisconsin, and Dr. Urdang has been director since its founding.