

NEWS

and Notes

G. E. Hutchinson, of Yale University, is travelling in Europe on a Guggenheim fellowship during the summer and fall. He expects to visit limnological laboratories in Great Britain, Norway, and Sweden and will spend some time at the Instituto Italiano d'idrobiologia at Pallanza.

C. P. Boner, professor of physics and director of the Defense Research Laboratory at the University of Texas, has been appointed dean of the College of Arts and Sciences, effective September 1. Dr. Boner succeeds **H. T. Parlin**, who will become dean emeritus at that time. Dr. Boner will continue his work at the Defense Research Laboratory on a part-time basis.

Ernest Sachs, professor emeritus of neurological surgery, Washington University, St. Louis, has been appointed research associate in physiology at Yale University.

John Eberhart, chief psychologist of the Training and Standards Branch of the National Institute of Mental Health, has been appointed director of research projects for the institute, effective July 1. Dr. Eberhart succeeds **Lawrence Kolb**, who has accepted a position as consultant in psychiatry at the Mayo Clinic.

Richard H. Shryock has been appointed director of the Institute of the History of Medicine and William H. Welch Professor of the History of Medicine at the Johns Hopkins University School of Medicine, effective in September. He is now professor of American history at the University of Pennsylvania.

E. C. Raney, associate professor of ichthyology at the Cornell University Department of Conservation, has been engaged by the Saltwater Sportsmen and the Massachusetts Fish and Game Association to spend the summer collecting and organizing information on the striped bass and

to outline research on this species. Dr. Raney will visit research centers from Maine to North Carolina.

C. Donnell Turner, chairman of the Department of Biology, Utica College of Syracuse University, has accepted a visiting professorship in biology at the University of Rangoon. He expects to sail for Burma in July.

John E. Davis recently retired as head of the Department of Physics, William Jewell College, Liberty, Missouri. He has been a faculty member since 1907 and head of the department since 1912. He continues as professor of physics, and is succeeded by **Wallace A. Hilton** as head of the department.

Claude A. Villee, of the Department of Biological Chemistry, Harvard Medical School, who was awarded a Guggenheim Memorial Foundation fellowship for 1949-50, will study nucleoprotein metabolism at the Carlsberg Laboratory in Copenhagen with K. Linderstrom-Lang.

Visitors to U. S.

C. V. Robinow, of the Strangeways Research Laboratory, Cambridge, England, has been appointed visiting professor in the Department of Biological Sciences at Purdue University for the coming summer session. Dr. Robinow, whose field is the cytology of bacteria, particularly the nuclear structure of bacteria, will offer a course in experimental microbiology to graduate students.

Mary L. Cartwright, of the Department of Mathematics, Girton College, Cambridge, recently returned to England after an extended lecture tour in this country. At the invitation of Solomon Lefschetz, Dr. Cartwright spent three months at Princeton University as consultant on his differential equation project, which is sponsored by the Office of Naval Research.

Frederick Baltzer, professor of biology at the University of Bern, Switzerland, has been visiting the University of Colorado Medical Center at Denver, where he presented discussions of his experiments on the development of hybrid transplants in

amphibians to the staff seminar on fundamental biology. Dr. Baltzer sails for Switzerland on July 7.

Leonce Bonnefil, chief of the Section of Zoology and Entomology, Department of Agriculture, Port-au-Prince, Haiti, arrived June 16 for a three-month stay. While here, he will confer with experts in the field of fish and wildlife conservation.

Recent visitors at the National Bureau of Standards were **F. W. Thomas**, head of the Technical Processing Department of the British Cotton Industry Research Association, Shirley Institute, Manchester, England; **R. C. Bevan**, principal scientific officer, Building Research Station, Department of Scientific and Industrial Research, Watford, England; **Shragga Irmay**, senior assistant and instructor at the Hydraulics Laboratory, Hebrew Institute of Technology, Haifa, Israel; **R. M. Wilcox**, Department of Physics, University of Toronto, Canada; **R. S. Airs** and **J. B. Mathews**, Shell Petroleum Company, Ltd., Thornton, England; and **L. M. Clark** and **H. E. Jones**, Imperial Chemical Industries, Ltd., Norwich, England.

Grants and Awards

The Old Dominion Foundation, established by Paul W. Mellon, has awarded \$2,000,000 apiece to Yale University and Vassar College. The gift to Yale is to be used to expand its student psychiatric guidance program, which will be directed by Clements C. Fry, head of the Division of Psychiatry and Mental Hygiene of the university's Department of Health. Vassar will use the donation to establish the Mary Conover Mellon Fund for the Advancement of Education. This counseling program will be directed by Carl Binger, psychiatrist and member of the faculty of the Cornell University Medical College.

The Charles Lathrop Pack Forestry Foundation has donated \$100,000 to the University of Michigan to establish a course of study leading to a master's degree in conservation. The gift will be made in grants of \$10,000 a year.

The Association for the Study of Internal Secretions, at its thirty-first annual meeting in Atlantic City on June 3-4, presented the E. R. Squibb and Sons Award to Herbert M. Evans; the Ciba Award to George Sayers; the Ayerst, McKenna, and Harrison Fellowship to Ernest M. Brown, Jr.; and the Schering Fund Fellowship to D. Lawrence Wilson.

A five-year grant for research in the cause and prevention of retrolental fibroplasia has been established by the **Dunlevy Milbank Foundation Inc.**, at the Columbia-Presbyterian Medical Center, New York City. The research will be directed by John Dunnington, director of the Ophthalmological Service at the center. Algernon B. Reese, attending ophthalmologist and pathologist, will be in direct charge of the project.

Seale Harris, of Birmingham, Alabama, was awarded the **Distinguished Service Medal** by the American Medical Association at its meeting in Atlantic City. Dr. Harris is best known for his research on hyperinsulinism and its control.

The Charles A. Coffin Award—a gold medal and \$1,000—was granted to the Union Electric Company of Missouri at the annual convention of the Edison Electric Institute. The award is made annually for outstanding achievement among privately owned utilities.

Fellowships

A fellowship leading to an M.S. degree in chemical engineering at the Illinois Institute of Technology will be given by the Chicago Paint and Varnish Production Club and the Chicago Paint and Lacquer Association for the academic year 1949-50. Based on competitive examination, the fellowship will grant \$1,000, plus \$550 tuition for two semesters to the winner. Applications should be sent to William A. Lewis, dean of the Graduate School, Illinois Institute of Technology, Chicago 16, before July 15.

The American Heart Association announces the availability of fellowships for research and established

investigations in cardiovascular disease. Applications must be filed not later than *September 15*. Applications for a limited number of grants-in-aid for research studies in the cardiovascular field and in basic research will be accepted until *December 15*. If both fellowship and grant-in-aid are desired, the two applications should be filed together. Further information and application blanks may be obtained by writing the Medical Director, American Heart Association, 1775 Broadway, New York 19.

Colleges and Universities

The University of Toledo will offer a graduate program in glass technology beginning in 1949-50. The program will be open to students with a B.A. in chemical engineering, chemistry, or physics. Inquiries regarding the program should be directed to Walter V. Burg, Department of Chemical Engineering, University of Ohio, Toledo 6, Ohio.

A series of eight weekly lectures on the history of science will begin July 5 at the **University of Chicago**. Lecturers will include visiting professors Willy Hartner, director of the Institute of History of Science, and Karl Reinhardt, professor of classical philology, both of the University of Frankfurt; and H. B. Acton, professor of philosophy, University of London. University of Chicago faculty members who will participate are John A. Wilson, professor of Egyptology and associate director of the Oriental Institute; Leo Strauss, professor of political philosophy; Earl A. Evans, Jr., professor and chairman, Department of Biochemistry; Enrico Fermi, professor of physics; and Charles C. Colby, professor and chairman, Department of Geography.

The University of Wisconsin has announced two symposia to be held during its centennial program: "Mineral Nutrition of Plants"—September 1-3; and "Plant Growth Substances"—September 5-7. Detailed information may be had from R. P. Lee, Division of Residence Halls, Slichter Hall, University of Wisconsin, Madison 6.

Meetings and Elections

The Second International Audiology Conference will be held in London at the Royal Society of Medicine, July 15-16. Interested professional specialists are invited to the open meeting on July 16.

The 12th International Dairy Congress will be held at Stockholm Sweden, August 15-19, for the purpose of reviewing developments and exchanging technical information in the field of dairy research. The United States, although not a member of the International Dairy Federation, has been represented at the last three congresses and this year will send a delegation of ten, headed by Ollie E. Reed, chief of the Department of Agriculture's Bureau of Dairy Industry.

The 47th meeting of the **Congress of French Psychiatrists and Neurologists** will be held at Clermont-Ferrand, September 12-18. The major topics will be the reactive psychoses; the consequences of occipital lobe surgery; and medicolegal psychiatry. The general secretary of the Congress is Dr. Paul Cossa, 29 Bd. Victor Hugo, Nice, France.

Centre National de la Recherche Scientifique announces that a colloquium on **Algebra and the Theory of Numbers** will be held in Paris, September 23-October 1. U. S. scientists invited to attend are: Oscar Zariski, Harvard University; Emile Artin, Princeton University; Garrett Birkhoff, Harvard University; and André Weill, University of Chicago.

The 31st National Metal Congress and Exposition will be held in Cleveland's Public Auditorium, October 17-21. "Economy in Production" will be the theme, and exhibits are planned to demonstrate what modern industrial equipment can do to effect savings in cost production.

The 1949 meeting of the **History of Science Society** will be held in conjunction with the annual meeting of the **American Historical Association** at Boston late in December. Plans are now being made for the

program, and members of the society interested in submitting papers for consideration should communicate with the Chairman of the Program Committee, Professor Henry E. Guerlac, Cornell University, Ithaca, New York. No papers can be considered after *October 1*.

The Electrochemical Society elected the following officers at its recent annual meeting held in Philadelphia: Alfred L. Ferguson, professor of chemistry, University of Michigan, president; J. C. Warner, dean of Graduate Studies and head of the Chemistry Department, Carnegie Institute of Technology, vice president.

A Conference on Scintillation Counters was held in Oak Ridge on June 3 and 4. This was the second in a series of conferences sponsored by the Oak Ridge National Laboratory; the first was the low temperature symposium held last summer. The scintillation conference was attended by approximately 175 people, including 125 out-of-town visitors from universities, industries, and government agencies throughout the country.

The first day was devoted chiefly to four lectures. H. Kallmann, of the Signal Corps Laboratories, reported on the work that led to his discovery that naphthalene could be used in conjunction with a photomultiplier to count beta particles. He also described his subsequent investigations of other phosphors. F. Seitz, of Carnegie Institute of Technology, discussed the possibility of obtaining crystals that would exhibit multiplication properties similar to a Geiger counter. George Morton, of the RCA Research Laboratories, reviewed the design and characteristics of present-day photomultiplier tubes, particularly with reference to scintillation counting. P. R. Bell, physicist at the Oak Ridge National Laboratory, described his scintillation spectrometer and showed examples of its use for measuring the beta spectrum of several isotopes. This apparatus was demonstrated at the conclusion of the session.

More than a hundred members attended a dinner, after which Dr. Kallmann told about some of his

work at the Kaiser Wilhelm Institute, and the tremendous difficulties he had in getting apparatus.

The second day's session was devoted to a discussion of the various aspects of scintillation counting. Several experiments in which scintillation counters were the primary tool were described. R. Hofstadter showed that gamma rays are scattered as predicted by the Klein-Nishina formula. L. F. Wouters described some of the work going on at Berkeley with fast neutrons and protons. Martin Deutsch gave an account of his work on the time of decay of the positron in various gases. Most of the day was spent in discussing photomultiplier tubes, phosphors, light collectors, and electronic circuits.

Martin Deutsch, of MIT, served as chairman of both sessions.

W. H. JORDAN

NRC News

The NRC Committee on Unesco held its semiannual meeting at Spring Mill State Park, Indiana on June 3 and 4. The whole science program of Unesco was examined and certain specific recommendations were made with regard to present and future activities.

In preparation for the current Conference on Scientific Abstracting under the sponsorship of Unesco, the committee made the specific recommendation that Unesco should subsidize two or more agencies to distribute promptly and economically reliable abstracts covering the world's literature in biology and medicine. Initial emphasis is placed on biology and medicine because Unesco has learned much in the past two years about factors that have hindered progress in this area, and further because Unesco's Committee on Biological and Medical Abstracting can readily outline a detailed program for immediate action. A concerted attack upon the problem for a limited area is favored over an attempt to establish in the near future an over-all coordinating office for scientific abstracting.

The committee endorses the existing Unesco program of grants-in-aid to the international scientific unions,

and urges its continuation. It urges in addition that the United States Government make available adequate funds for travel expenses of its representatives to international meetings so that they will be chosen because of their scientific standing and the contribution that they can make to a professional meeting, rather than because they individually are able to finance their travels. It is suggested that a minimum of 25 percent of the funds provided for United States representation be used to finance the attendance of scientists under thirty-five years of age.

The committee formally accepted a report submitted to the Department of State recommending that a limited number of United Nations research laboratories be established in the near future. The committee recommends immediate favorable consideration of three projects: an international computational center or a mathematical and statistical consulting center, to be established somewhere in Central Europe; an institute for individual and social psychology, working directly with the United Nations; and an institute of geomedicine, the latter possibly as a joint project for Unesco and the World Health Organization.

The committee learned with regret that certain difficulties have arisen with regard to the formal ratification of the agreement for the establishment of the International Institute of the Hylean Amazon. The Committee urges the U. S. National Commission for Unesco to use its good offices in investigating the reasons for the delay and in promoting healthy conditions for the growth and development of this institute, which should be a model of Unesco's work.

The committee expressed a deep interest in the new Technical Assistance Program of the Economic and Social Council of the United Nations and approved the way in which Unesco is collaborating in this important activity. The committee urged that the local population should be given important responsibilities in the execution of the program and that careful attention be paid to the effect of the assistance upon the cultural, political and social

conditions of the population. It urged further that in the agricultural and industrial training program, full advantage be taken of experience gained through existing projects, and that in technical training programs emphasis be put on the development of small rural industries and on teaching by the apprentice method. Attention was drawn to the importance for wide areas of the world of improving fishing methods and handling of the catch. The committee recommended that, to supplement the local technical training programs, opportunities for further training at home and abroad should be provided for technicians who show marked ability. It is hoped that Unesco will emphasize those phases of the program which involve participation or cooperation of several countries and that colonial and minority people may have a voice in the program through the Trusteeship Council of the United Nations.

In a letter addressed by the committee to the chairman of the National Research Council, the suggestion was made that the present inadequate representation of science in the Department of State can be remedied by the establishment of the Office of the Special Advisor in Science to the Secretary of State. The special advisor should be on a full-time basis and be available for consultation not only to the Secretary of State, but also to the Assistant Secretaries for the United Nations, for Economic Affairs, and for Public Affairs. To discharge his duties properly, the Special Advisor in Science should be provided with an adequate professional staff in Washington. In addition the committee attaches great importance to the assignment to embassies abroad of foreign service officers, or special scientific attachés with specific training in a branch of science but broad general scientific interests.

The committee expressed great interest in a suggestion made by Consumers Union of the United States, proposing a project to promote wider international exchange of information on techniques of consumer testing and a parallel program of consumer education. The committee voted to make a further study of

these projects before submitting a definite proposal to the U. S. National Commission for Unesco.

Copies of the full texts of the various resolutions may be obtained from the chairman of the NRC Committee on Unesco, Bart J. Bok, Harvard Observatory, Cambridge 38, Massachusetts.

Deaths

William D. Webster, 65, instructor in zoology, University of Nebraska, died May 13 of a heart attack at Lincoln, Nebraska.

Arthur W. French, 80, professor emeritus of civil engineering at Worcester Polytechnic Institute, died at his home on May 27. Dr. French was a pioneer in the use of reinforced concrete.

Walter Elmer Ekblaw, 67, professor of geography at Clark University, died on June 5 at his home in North Grafton, Massachusetts. Dr. Ekblaw was associated from 1913 to 1917 with Donald MacMillan on the Crocker Land Expedition to the Arctic, and was a charter member of both the Explorers Club in New York and the Cosmos Club in Washington.

George Brewer, 46, physiologist, died June 12 at Doctors' Hospital, Washington, D. C. Dr. Brewer was a former professor of physiology at the medical schools of both Georgetown and George Washington Universities.

James Purves-Stewart, 79, neurologist, died in London on June 14. Sir James, who received his knighthood in 1918, is the author of *Diagnosis of nervous diseases*.

The Veterans Administration Hospital, Hines, Illinois, is looking for a biophysicist to take charge of a newly established neuropsychiatric laboratory in the research service. Applicants should have either a Ph.D. in biophysics or a Ph.D. in biochemistry with a minor in biophysics, and should be experienced in medical research. The beginning salary for the position is \$6,235 a year, with

periodic increases up to a maximum of \$7,192.

Headquarters for the newly created **Uruguayan Association for the Advancement of Science** (Asociación Uruguaya para el Progreso de las Ciencias) have been established in Montevideo. The aims of the association include the development of all branches of science and the initiation of new, specialized subjects; the creation of scholarships for scientific research; a program of collaboration with the University of Montevideo to achieve the maximum development of its scientific research; liaison among scientific investigators working in the same or different fields; the securing of scientific investigators from other countries to work in Uruguay; and the maintenance of a clearing house for exchange of information with foreign institutions, particularly on scientific activities and publications.

Correspondence may be addressed to the president, Professor Clemente Estable, Instituto de Investigaciones en Ciencias Biológicas, Millán 4096, or to the secretary, Professor O. J. Maggiolo, Instituto de Máguinas, Facultad de Ingeniería, Cerrito 73, Montevideo, Uruguay.

Recently Received—

Chemical Production of Lactic Acid from Sugars by Rex Montgomery. Scientific Report Series No. 11. Copies available without charge from Sugar Research Foundation, Inc., 52 Wall Street, New York 5, N. Y.

Non-Linear Vibrations by Mary L. Cartwright. Reprinted from *The Advancement of Science*, April 1949. Available from the British Association for the Advancement of Science, Burlington House, London, W.1., England at 1/6d.

Prospecting for Uranium. Published by the Atomic Energy Commission and the U. S. Geological Survey. Available from the Supt. of Documents, U. S. Govt. Printing Office, Washington 25, D. C. at 30¢.

Notation on a Color System by Louis Cheskin. Available from Color Research Institute, Chicago 3, Illinois at 50¢.