NEWS and Notes

O. Hobart Mowrer, director of the Psycho-Educational Clinic at Harvard University, has accepted an appointment as research professor of psychology in the University of Illinois Graduate School. One of Prof. Mowrer's major assignments at the University will be a broad study of research and instruction in human behavior in all its manifestations.

Charles H. Behre, Jr., professor of economic geology, Columbia University, has been granted a leave of absence for the year 1948–49 to continue the study, begun two years ago, of the genesis, distribution, and geologic control of the mineral deposits of Mexico. **T. S. Lovering,** of the U. S. Geological Survey, and **Donald M. Davidson,** consulting geologist with the E. J. Longyear Company, have accepted invitations to lecture in the Department of Geology during October and November, respectively. Their lectures will give special emphasis to ore genesis and its influence on minerals search.

Howard H. Vogel, Jr., has resigned from the Department of Zoology, Wabash College, and has accepted the chairmanship of Biological Sciences in the College of the University of Chicago. He may be reached through the University's Faculty Exchange.

William von Fischer, a member of the Case Institute of Technology faculty since 1937, has been appointed head of the Department of Chemistry and Chemical Engineering. He has been acting head of the Department since March of this year.

Wendell H. Griffith, professor of biochemistry, St. Louis University Medical School, has been appointed professor of biochemistry and nutrition and chairman of the Department at the University of Texas Medical Branch, Galveston. During World War II Dr. Griffith served as a Colonel in the Sanitary Corps and was responsible for nutrition surveys among American troops.

Frank Dana Carvin, head of the Mechanical Engineering Department and chairman of the Graduate Division at Newark (New Jersey) College of Engineering, has been named head of the Department of Mechanical Engineering at Illinois Institute of Technology, effective September 1.

Ladislaus Marton, chief of the Electron Physics Section, National Bureau of Standards, is spending the summer in Europe to survey work in the field of electron microscopy. In addition to attending numerous conferences and symposia, Dr. Marton will assist in initiating and organizing electron-optics research in Belgium and will also be on the faculty of the summer school of the Cavendish Laboratory at Cambridge University.

Charles C. Scott, formerly head of the Department of General Pharmacology, Eli Lilly and Company, recently became associated with the Inlow Clinic, Shelbyville, Indiana, where he is practicing internal medicine.

Lt. Col. Hubert G. Schenck, chief of the Natural Resources Section, General Headquarters, Supreme Commander for the Allied Powers, and **Sherman K. Neuschel,** chief of the Pacific Geological Surveys, Engineer Office, General Headquarters, Far East Command, will represent Gen. Douglas MacArthur at the 18th International Geological Congress in London.

Charles E. Packard, associate professor of biology at Alfred University, has resigned, effective September 1, to accept a similar position at Randolph-Macon College, Ashland, Virginia.

James V. Quagliano is joining the staff of the University of Notre Dame as assistant professor of chemistry. He has held a similar position at the University of Maryland.

C. S. Gwynne, associate professor of geology at Iowa State College, is serving as visiting professor of engineering geology at the University of Puerto Rico Mayaguez, until December 15.

John S. Karling has resigned from Columbia University to become professor of botany and chairman of the Department of Biological Sciences at Purdue University, Lafayette, Indiana. He will assume his new duties there in the fall.

Benjamin A. Fisher, professor of electrical engineering at the University of Denver, has been appointed associate professor at Illinois Institute of Technology, effective September 1.

Grants and Awards

The Medal for the Advancement of Research, bestowed annually by the American Society for Metals, will be presented this year to Willard H. Dow, president of the Dow Chemical Company, Midland, Michigan, at the Society's annual banquet, to be held in Philadelphia, October 28, during the National Metal Congress and Exposition. This medal, first awarded in 1943, has gone to executives of industrial organizations principally devoted to the production or fabrication of metals.

A special study on the action of antibiotics in promoting healing in surgical wounds will be made by Edgar J. Poth, professor of surgery and director of the Surgical Research Laboratory, University of Texas Medical Branch, under a grant of $3,000 recently received from the Upjohn Company. Dr. Poth will discuss some of the results of his studies thus far at the Fourth Pan-American Surgical Congress to be held in Honolulu August 30–September 10.

W. R. Hinshaw, professor of veterinary science at the University of California's College of Agriculture, has recently received two awards for his contributions to the field of poultry diseases and especially for his researches on avian salmonellosis and diseases of turkeys. The first of these is the 10th annual Borden Award, consisting of $1,000 and a gold medal and given by the Borden Foundation and the Poultry Science Association; the second, the annual research award given by the National Turkey Federation, which consists of $500 and a bronze plaque.

U. S. and Canadian medical schools are invited by the John and Mary R. Markle Foundation to make nominations for the second group of Scholars in Medical Science on or before December 1 of this year. Each school, through the dean, may nominate one candidate. Suggestions or applications from individuals will not be considered. This program is designed to aid young men and women of ability who are planning careers in academic medicine. According to the Foundation, candidates should have completed the usual fellowship training in some area of science related to medicine and should hold, or expect to hold, in the academic year 1949–50 a full-time faculty appointment on the staff of a medical school. Grants are for $25,000, payable in amounts of $5,000 over a 5-year period to the schools at which the Scholars carry on their research.

A booklet describing the program is available on request from the Foundation's office at 14 Wall Street, New York City 5.

Colleges and Universities

A series of lectures on modern chemistry is again being sponsored by Northwestern University during the coming fall quarter. The subject this year will be on recent trends in biochemistry, the lectures being given as usual on Tuesday evenings in the University's Lincoln Hall, located on East Chicago Avenue, Chicago, Illinois. The lectures constitute a noncredit course and are open only to those who have paid the usual fee for the course. That these lectures help to fulfill a definite need is borne out by the continued and increasing support given them by scientists in the Chicago area. Inquiries concerning the series may be addressed either to the Office of the University College, Abbott Hall, Northwestern University, Chicago, Illinois, or to Byron Riegel, Department of Chemistry, Northwestern University, Evanston, Illinois. Lecture dates, subjects, and speakers are as follows:

September 28, "Lipids of the Nervous System," H. E. Carter, University of Illinois; October 5, "Steroid Metabolism," Konrad Dobriner, Sloan-Kettering Institute for Cancer Research; October 12, "Enzymes," David E. Green, University of Wisconsin; October 19, "Carbon Dioxide Metabolism," C. H. Werkman, Iowa State College; October 26, "Recent Advances in Carbohydrate Metabolism," Carl F. Cori, Washington University School of Medicine; November 2, "Protein Molecules: Size, Shape, and Electric Charge Distribution," John T. Edsall, Harvard Medical School; November 9, "The Dietary Significance of the Amino Acids," William C. Rose, University of Illinois; November 16, "The Metabolism of Organic Acids in Plant Leaves," H. B. Vickery, Connecticut Agricultural Experiment Station; November 23, "Synthetic Penicillin," Vincent du Vigneaud, Cornell University Medical College; November 30, "The Physiology of Folic Acid and Related Vitamins," C. A. Elvehjem, University of Wisconsin; and December 7, "Recent Investigations on the Biosynthesis of Heme," David Rittenberg, College of Physicians and Surgeons, Columbia University.

The University of Hawaii has appointed several additional members to the staff of the Department of Zoology and Entomology in order to expand the program of instruction and research in marine zoology. M. W. de Laubenfels, formerly visiting professor in the Department and outstanding authority on the Porifera, has become professor of zoology and entomology. Albert L. Tester, formerly senior biologist in charge of the Herring Investigation for the Fisheries Research Board of Canada at Nanaimo, British Columbia, has become professor of zoology and entomology in charge of instruction and research in fishery biology and biometrics. Bradley T. Scheer, formerly assistant professor of biochemistry, University of Southern California, and presently engaged in research at the Kristineberg Marine Station and at the Wenner-Grens Institute in Sweden, has become associate professor of zoology and entomology in charge of instruction and research in general and comparative physiology. William A. Gosline, formerly assistant curator of Fishes, Museum of Zoology, University of Michigan, has become associate professor of zoology and entomology in charge of instruction and research in chordate anatomy and ichthyology. Each of the above men will devote a substantial portion of his time to the research program in marine zoology and fisheries biology at the University's new Hawaii Marine Laboratory at Coconut Island, in cooperation with the Territorial Division of Fish and Game and the Farrington Fisheries Program recently established in Hawaii for the Central and South Pacific by the U. S. Fish and Wildlife Service. Inger Achton, scientific illustrator who has recently been at the American Museum of Natural History and is presently at the California Institute of Technology, will join the staff in January in this capacity.

Summer Programs

Thirty-two staff members representing 15 universities and medical institutions located in the East, Southeast, Southwest, and Far West will next week begin the final week of a four-week course at Oak Ridge in the techniques of using radioisotopes in medical and biological research. The personnel attending the radioisotope school will train the recipients of the large number of fellowships to be granted at their respective institutions to holders of M. D.'s, Ph. D.'s in the biological sciences, B. S.'s, and B. A.'s who will receive training in health physics and who, it is hoped, will become leaders in the future development of medical and biological education in the atomic energy field. Over half of those attending the current course previously participated in a group of seminars at Brookhaven National Laboratory in connection with the fellowship program.

The course now being given is the second of three offered this summer by the Oak Ridge Institute of Nuclear Studies under the direction of Ralph T. Overman, acting head of the Institute's Special Training Division. Dr. Overman is being assisted by H. M. Clark, associate professor of chemistry at Rensselaer Polytechnic Institute; Raymond D. Finkle, of Argonne National Laboratory; C. L. Comar, research chemist at the University of Florida; and Henry Lanz, of the Radiation Laboratory, University of California, Berkeley.

The Oak Ridge Institute is conducting its program of research and training in the nuclear sciences through a contract with the AEC.

Meetings and Elections

The International Northwestern Conference on Diseases of Nature Communicable to Man will hold its third annual meeting August 23–25 in Kamloops, British Columbia, with the Dominion Laboratory of Hygiene and the Dominion Entomological Laboratory serving as joint hosts.

The 9th Annual Research Conference of the Institutum Divi Thomae and its affiliated units will be held in Cincinnati, September 7–10, with Elton S. Cook, dean of research, as general chairman. More than 60 papers summarizing research completed during the past year will be presented in the fields of cancer, enzymes, growth, metabolism, microbiology, biophysics, and physical chemistry.

The Chemists' Club of New York, which is celebrating its 50th anniversary this year, is laying plans for an appropriate celebration. M. T. Bogert has been appointed honorary chairman of the committee in charge, which consists of H. B. Lowe (chairman), D. D. Berolzheimer, W. P. Cohoe, and H. B. McClure. In the years since its founding the Club has grown from a handful of chemists to the present membership of about 2,500. Honorary U. S. members of the Club are James B. Conant, Lamont du Pont, Maj. Gen. Fries, Irving Langmuir, Charles L. Parsons, Milton C. Whitaker, Willis R. Whitney, and Col. Bogert, while Sir Robert Robinson, Lord Leverhulme, and Dr. Kruyt, president of the International Union of Chemistry, comprise the foreign honorary membership.

A Symposium on Luminescence is being arranged by the Electronics Division of the Electrochemical Society in connection with the next meeting of the Society in Philadelphia, May 5–7, 1949. Although symposia of this kind have been held at previous annual meetings, the participants were for the most part members of the Society. In 1949, however, the Society hopes to make a greater contribution to the field by inviting papers from nonmembers engaged in work on luminescence. As in the past, an opportunity will be provided for an informal round-table discussion of all papers presented. An attempt will be made to gather together all original and phenomenological material pertaining to luminescence, both fundamental science and technical applications, for the purpose of providing a harmonious survey of the year's progress in the field at one forum once a year and thus reduce the number of outlets for luminescence subjects. Papers presented will be published in the monthly journal of the Society and later in the *Transactions,* together with all questions and discussions arising at the meetings. Those interested in presenting a paper at the next symposium should submit its title and an abstract by December 15 to R. M. Burns, Secretary, The Electrochemical Society, 235 West 102nd Street, New York City 25.

The 58th annual meeting of the Nebraska Academy of Sciences, held at the University of Nebraska, Lincoln, April 30–May 1, was well attended by Academy members and other interested persons from all colleges and universities in the state. High school teachers and students were also present in gratifying numbers, according to the corresponding secretary.

Officers for the fiscal year which started on May 1 are: president, Victor E. Levine, Creighton University; vice-president, F. L. Duley, University of Nebraska; secretary, C. B. Schultz, University of Nebraska; corresponding secretary, H. L. Weaver, University of Nebraska; treasurer, C. E. Rosenquist, University of Nebraska; and councilors, D. M. Pace, J. S. Latta, and W. F. Weiland, all of the University of Nebraska.

Iota Sigma Pi, women's national honorary chemical fraternity, elected the following officers at its triennial convention at State College, Pennsylvania, in June: president, Essie White Cohn, professor of chemistry, University of Denver; vice-president, Gladys A. Emerson, Merck Institute for Therapeutic Research, Rahway, New Jersey; secretary, Anna L. Hoffman, Cincinnati College of Pharmacy; treasurer, Nellie M. Naylor, Iowa State College, Ames; editor, Margaret G. Morehouse, University of Southern California, Los Angeles; and permanent historian, Agnes Fay Morgan, University of California, Berkeley.

At the annual meeting of the American Association of the History of Medicine, held at the College of Physicians of Philadelphia on May 26–27, Henry R. Viets, lecturer on neurology at the Harvard Medical School, was elected president and Benjamin Spector, professor of anatomy at Tufts Medical School, secretary for two years.

The next meeting will be held at Transylvania University in Lexington, Kentucky, on May 23–24, 1949.

More than 100 teachers, research workers, and senior students in biology from all the universities and institutions of Peiping met on the new campus of the College of Agriculture of National Tsinghua University, adjacent to the Summer Palace, from July 17 to 25 for a Summer Palace Conference on Experimental Biology. Samuel H. Zia, professor of bacteriology, has sent us a very interesting report of the meeting. Moving spirit of the Conference was Dean P. S. Tang, assisted by his colleagues in the College of Agriculture, "who moved heaven and earth to make the visiting scholars enjoy for a brief period the joys of a true vacation few have been able to afford during the past 10 years." Preliminary meetings consisted of lectures on the place of biology in ancient Chinese history and on the teaching methods of biology in colleges and high schools. In view of the many suggestions which were made on the latter subject, a special committee was appointed for further exploration of the field. The regular program of the Conference included symposia and lectures on recent advances in the study of genetics, nutrition, hormones, viruses and rickettsia, biophysics, and aviation physiology. At round-table meetings, attended chiefly by senior members, cytology, growth and development, immunology, and temperature effects on organisms were thoroughly and enthusiastically discussed. The Peiping Branch of the Chinese Society of Phytopathology participated in the Conference on two afternoons.

Dr. Zia points out that the greatest single result of the Conference was the

contacts made by all the members with each other. Most of them had never met before, although many have been working in the same or related fields.

Because of the outstanding success of this meeting it was unanimously voted to hold another such meeting next summer, at which time it is hoped that biologists from other parts of China and abroad may participate.

The American Geophysical Union has announced that Walter H. Bucher, of Columbia University, has been elected president of the Union to fill the unexpired term of the late Oscar E. Meinzer. This term will expire on June 30, 1950.

Deaths

Peter A. Bungart, 72, who for nearly 25 years was associated with the Department of Geology and Paleontology of the Cleveland Museum of Natural History, died July 30 in Lorain, Ohio. He was a distinguished collector and preparator of fossil fish, and, due largely to his efforts, the Museum now possesses the finest collection of fossil fish in the world.

Percy Hodge, 77, professor emeritus of physics at Stevens Institute of Technology, died August 4 in Memorial Hospital, Orange, New Jersey. Dr. Hodge was head of the Physics Department at Stevens from 1911 until his retirement in 1938.

Y. SubbaRow, 52, director of research for the Lederle Laboratories Division, American Cyanamid Company, died August 10 in Pearl River, New York. Dr. SubbaRow, India-born biochemist, was on the staff of the Harvard Medical School until 1940, when he became associated with the Lederle Laboratories.

The foundation stone of the Electrochemical Research Institute at Karaikudi (South India) was laid on July 25 by Prime Minister Jewaharlal Nehru. This Institute, which will be the first of its kind in India and seventh in a chain of national laboratories to aid in the industrial and scientific development of India, will initially have two main divisions dealing with electrolysis and electrothermy, together with auxiliary laboratories and workshops which will include an analytical section and a chemical engineering section. Although construction of the buildings, which will begin in a month or so, will not be completed for two or three years, it is expected that the laboratory will be functioning within a year.

Karaikudi will also be the site of an engineering college, to be opened in 1949, a research institute in higher mathematics to be called the Ramanujam Institute of Mathematics, and a technological and polytechnic institute.

Establishment of the National Heart Institute within the National Institutes of Health of the U. S. Public Health Service was announced on August 6 by Oscar R. Ewing, Federal Security Administrator. At the same time Leonard A. Scheele, Surgeon General of USPHS, announced that C. J. Van Slyke, who has been chief of the Division of Research Grants and Fellowships of the National Institutes of Health, had been named director of the Heart Institute, under the general supervision of R. E. Dyer, Assistant Surgeon General and director of the Institutes. In his position as chief of the Division of Research Grants and Fellowships Dr. Van Slyke will be succeeded by David E. Price, former chief of the Research Grants Branch, National Cancer Institute.

The Act of Congress creating the National Heart Institute was approved by President Truman on June 15 of this year. The program of the Institute will include research, financial aid to institutions for research and training of professional personnel, provision of fellowships to individual scientists, and grants-in-aid and technical assistance to the states for the development of heart disease control services. A National Advisory Council, appointment of which is provided under the Act, will be composed of outstanding scientists and clinicians working in the field of cardiovascular diseases and representatives of the public. This Council will advise the Surgeon General on all phases of the program developed both in the National Heart Institute and in other units of the Service.

The new Institute will have its headquarters at the National Institute of Health, Bethesda, Maryland.

A synthetic mica with the desirable characteristics of natural mica, used extensively for electronic equipment, has been produced for the first time under a coordinated research program sponsored by the Office of Naval Research, the Army Signal Corps, and the Navy's Bureau of Ships. Production of mica on a commercial scale will make the United States independent of foreign sources for this strategic material. The synthetic form, known as fluorine-phlogopite mica, now being produced on a pilot-plant scale, is expected to replace the muscovite and phlogopite forms of natural mica since it also gives perfect cleavage into thin sheets, has good electrical and mechanical properties, and is chemically stable.

Government-sponsored research on mica synthesis was initiated under a Signal Corps contract at the Colorado School of Mines on June 15, 1946, and on September 1, 1947, under a ONR contract, pilot-plant work was begun at the Interior Department's Bureau of Mines Electrotechnical Laboratory, located at Norris, Tennessee. ONR is developing a procedure for prompt and wide dissemination of the results of the work at the latter laboratory to the electrical, electronics, and other industries which might make use of synthetic mica, and interested organizations may obtain further details from that Office.

Make Plans for—

Regional Conference on Applied Statistics, September 7–9, Statistical Laboratory, Alabama Polytechnic Institute, Auburn.

American Mathematical Society, summer meeting, September 7–10, University of Wisconsin, Madison.

American Psychological Association, September 7–11, Hotel Statler, Boston, Massachusetts.

Third Symposium on Combustion and Flame and Explosion Phenomena, September 7–11, University of Wisconsin, Madison, Madison.

Biological Photographic Association, convention, September 8–10, Houston Hall, University of Pennsylvania, Philadelphia.

American Society for Horticultural Science and American Society of Plant Physiologists, annual meetings, September 8–10, Cincinnati, Ohio.