

NEWS and Notes

Otto Struve has been appointed professor in astrophysics and chairman of the Department of Astronomy of the University of California at Berkeley, effective July 1. He will replace **Sturla Einarsson**, retiring chairman. Dr. Struve, who is best known for his work on interstellar matter and the spectra of stars, was chairman of the Department of Astronomy and director of Yerkes Observatory, University of Chicago, and also director of the McDonald Observatory, operated by the Universities of Chicago and Texas.

Raymond N. Keller, of the University of Michigan, has joined the staff of the Argonne National Laboratory as senior chemist. He will work on cooperative research with Michigan.

John P. Hubbard has been appointed George S. Pepper Professor of Public Health and Preventive Medicine and chairman of the department at the University of Pennsylvania School of Medicine. Dr. Hubbard was formerly director of the Study of Child Health Services, American Academy of Pediatrics.

Edward B. Tuohy, professor of anesthesiology, Georgetown University Medical School, Washington, D. C., will present a paper on "The Management of Hypertensive Episodes During Anesthesia, Including a Discussion of the Entity Pheochromocytoma" at the Southern Association of Anesthesiologists meeting in St. Louis, March 31-April 1.

Raymond Gautier, assistant director general of the World Health Organization, retired January 31, to accept the post of research director of the new International Children's Center in Paris. Dr. Gautier was associated with the League of Nations health organization for 20 years and later served as director of the Geneva office of the WHO Interim Commission.

Arthur Adel, professor of physics at Arizona State College, Flagstaff, will be one of the speakers at the centenary meeting of the Royal Meteorological Society at Oxford and London, March 28-April 3.

Douglas H. K. Lee, professor of physiological climatology in the Isaiah Bowman School of Geography, and lecturer in physiological hygiene in the School of Public Health and Hygiene, Johns Hopkins University, will deliver the Cutter Lecture on preventive medicine at Harvard Medical School on April 24. His subject will be "Physiology as a Guide to Combating Tropical Stress."

Visitors to U. S.

B. N. Narayana Iyengar, lecturer in electrical engineering, Indian Institute of Science, Bangalore; **Joel Lindberg**, director of applied research, Swedish Institute of Textile Research, Gothenburg; and **D. Tollenaar**, chief of the Physicochemical Department, Research Institute for the Graphic and Allied Industries, T.N.O., Amsterdam, were recent visitors at the National Bureau of Standards.

Industrial Laboratories

The A. H. Robins Company, Inc., Richmond, Virginia, has appointed **Robert S. Murphy**, organic chemist, to its research staff, where he will be in charge of organic synthesis. Dr. Murphy was formerly with the National Cancer Institute.

The W. M. Welch Manufacturing Company, 1515 Sedgwick Street, Chicago 10, is distributing on request copies of a chart of the radioactive elements, prepared by **Herta R. Leng** of Rensselaer Polytechnic Institute.

Grants and Awards

The National Cancer Institute announced on March 6 the award of Public Health Service grants of \$458,476 to 20 medical schools and \$63,705 to 13 dental schools to support cancer teaching. Among the medical school awards one new grant of \$25,000 was made to Indiana Uni-

versity Medical Center, Indianapolis. The others were renewal grants. Twelve renewal grants were made to dental schools and one new grant of \$5,000 to the University of Washington School of Dentistry, Seattle.

Grants totaling \$575,100 for construction of cancer research facilities were also announced, including five new grants and two supplemental grants. The new grants are: North Carolina University School of Medicine, Chapel Hill—\$200,000; Medical College of the State of South Carolina, Charleston—\$100,000; The Children's Medical Center, Boston—\$100,000; Beth Israel Hospital, Boston—\$50,000; State University of Iowa College of Medicine, Radiation Research Laboratory, Iowa City—\$12,250. Supplemental grants were made to Wayne University College of Medicine and Detroit Institute of Cancer Research, and the Boston University School of Medicine.

The John and Mary R. Markle Foundation has named 20 medical scientists as the third group of Scholars in Medical Science (see *Science* August 12, 1949, p. 173). Five hundred thousand dollars for their support will be allotted in grants of \$25,000 each, at the rate of \$5,000 a year to the medical schools with which they are associated. Under the program, now in its third year, a total of 48 doctors will be aided with grants totaling \$1,200,000. The grants are made "for support of outstanding young scientists who have chosen academic medicine in preference to practice or research in industrial laboratories. The purpose is to afford them academic and financial security to develop at their own pace."

The Scholars, their fields of interest, and the schools receiving grants for their support are: **Georges-Albert Bergeron**, pathological physiology, Laval University Faculty of Medicine, Quebec; **Charles G. Craddock, Jr.**, emotional aspects of disease, University of Virginia Department of Medicine; **Thomas Timothy Crocker**, infectious diseases, University of California Medical School, San Francisco; **Quentin B. Deming**, heart and kidney disease, Stanford University School

of Medicine; *Francisco Garcia-Ben-gochea*, neurosurgery and neurology, Tulane University of Louisiana School of Medicine; *Robert Alan Good*, pediatrics (rheumatic fever), University of Minnesota Medical School; *Robert L. Grissom*, cardiovascular disease, University of Illinois College of Medicine; *Daniel Lewis Larson*, immunochemistry in cancer, Columbia University College of Physicians and Surgeons; *John Phillip McGovern*, pediatrics (neonatal period), George Washington University School of Medicine; *Robert James McKay, Jr.*, pediatrics (heart disease, physiologic anemia of infancy), University of Vermont College of Medicine; *Gardner C. McMillan*, degenerative diseases, McGill University Faculty of Medicine; *Samuel Preston Martin*, infectious diseases, Duke University School of Medicine; *Lawrence Peters*, pharmacology and therapeutics, Western Reserve University School of Medicine; *Frank William Putnam*, physical chemical properties of proteins and viruses, University of Chicago Division of Biological Sciences; *William B. Schwartz*, cardiovascular disease, Tufts College Medical School; *Joseph E. Sokal*, internal medicine and oncology, Yale University School of Medicine; *Lloyd Grenfell Stevenson*, medical history and preventive medicine (history of disease), University of Western Ontario Faculty of Medicine; *Wade Volwiler*, liver disease, University of Washington School of Medicine, Seattle; *James Walker, Jr.*, surgery (therapy of burns and shock), University of Pennsylvania School of Medicine; and *Ernest Harshaw Yount, Jr.*, degenerative and metabolic disease, Bowman Gray School of Medicine, Wake Forest College.

The appointments begin this year.

Edward G. Hampp, of the Oral Bacteriological Section, National Institute of Dental Research, received the 1949 Washington Academy of Sciences award in the biological sciences on March 16. Dr. Hampp was honored for his contributions to the knowledge of diseases of the oral cavity, and particularly because he was the first to isolate *Borrelia vincentii* in pure culture.

Fellowships and Prizes

The Research Corporation of New York has made a grant of \$5,500 to Polytechnic Institute of Brooklyn in support of a \$6,800 research project (1950-51) on the study of plate efficiency in distilling columns, under the direction of Ju Chin Chu, associate professor of chemical engineering. Two \$2,000 predoctoral fellowships for the project are now available. Qualified chemical engineers are invited to submit their applications to Prof. Donald F. Othmer, head of the Chemical Engineering Department, Polytechnic Institute of Brooklyn, before April 10.

The American College of Chest Physicians is offering an annual international award of \$250 for the best original paper on any chest disease. Five copies of the manuscript should be submitted not later than May 1 to the Executive Secretary, American College of Chest Physicians, 500 North Dearborn Street, Chicago 10. Further information may be obtained from the secretary.

An international contest for an original and unpublished article on the physiopathology, clinical history, and therapy of rheumatic and arthritic diseases is being sponsored by the Azienda Autonoma of the Health Resort of Acqui, Italy. A prize of one million lire will be awarded. Papers must be submitted by December 31. Further information can be obtained from the Azienda Autonoma Di Cura Acqui, Piemonte, Italy.

Colleges and Universities

Yale University is conducting a series of special lectures in applied statistics February 7-May 18. Each visiting lecturer will be available for a limited number of individual or group conferences, and the lectures and Thursday evening seminars are open to all interested. Further details may be obtained from Mrs. S. H. Donahue, Room 1247A, Trumbull College, or from C. I. Bliss or D. F. Votaw, Jr., Department of Mathematics, Yale University, New Haven, Connecticut.

The University of Oklahoma Seminar on Social Psychology at Crossroads 1950 will be in session April 6-11, at the Extension Study Center, Norman, Oklahoma. Leading research men in the fields of biology, psychology, anthropology, sociology, and other social sciences will meet to discuss methodological problems of psychological organization at various phylogenetic levels, of cross-cultural comparisons, the implications of recent developments on judgment, perception, learning, ego functioning, language development, group relations, and personality.

The University of Pennsylvania Museum is sponsoring an archaeological expedition to the former city of Gordion, in Turkey, to search for objects and material which will provide more information on Phrygian civilization and culture from the tenth to the seventh centuries B.C. Rodney S. Young, curator of the Mediterranean Section of the museum, who will head the expedition, is now in Turkey making preliminary arrangements. Digging is scheduled to begin early next month and continue until mid-July. It is hoped that material uncovered will help determine the extent of Phrygian influence on later Greek civilization.

Meetings and Elections

The Metropolitan Section of the American Physical Society will hold its spring meeting March 31-April 1 at the Brookhaven National Laboratory. There will be a technical program of invited papers on both days. Admission to the entire meeting or to a single session may be obtained only by sending advance notice to Marriette Kuper, Brookhaven National Laboratory, Upton, Long Island, New York.

The annual Colloquium of College Physicists will be held June 14-17 at the State University of Iowa, Iowa City. The program will include research lectures by H. C. Urey, Katherine B. Blodgett, John Spence, and Robert L. Sinsheimer. Round table discussions of laboratory and of physics history for non-science students will be led by Duane Roller. Four lectures on hydrodynamics in cosmic physics are to

be presented by Edward Teller, under the sponsorship of the Research Foundation. Requests for final programs should be sent to G. W. Stewart at the university.

The Sixth International Congress on the History of Science will be held in Amsterdam, August 14-21. A special section on the history of medicine will constitute the 12th Congress of the *Société Internationale d'Histoire de la Médecine*. Papers to be presented at the congress must be submitted before May 1. Full information may be obtained from Prof. Ir R. J. Forbes, Haringvlietstraat 1, Amsterdam-Z, The Netherlands.

The Committee on Human Reproduction of the National Research Council will hold its annual two-day conference on reproduction at the Hotel Commodore, New York City, May 22-23. The subject this year will be testis and ovary, eggs and sperm. Among the speakers will be David W. Bishop, University of Massachusetts; L. C. Dunn, Herbert Elftman, and Earl T. Engle, Columbia University; Helen Deane, Harvard Medical School; Henry A. Lardy, University of Wisconsin; John McLeod, Cornell Medical College; Warren O. Nelson, University of Iowa; Jack Schultz, Cancer Research Institute, Philadelphia, and George D. Snell, Jackson Memorial Laboratory, Bar Harbor, Maine.

A conference on ionospheric physics, sponsored by Pennsylvania State College and the Geophysical Research Directorate of the U. S. Air Force, will be held at the college July 24-26. Papers will be presented on the latest theoretical and experimental developments in the field of physics relative to the upper atmosphere. Speakers from several foreign countries are expected to participate. Further details may be obtained from A. H. Waynick, Radio Propagation Laboratory, Pennsylvania State College, State College, Pennsylvania.

The American Academy of Orthopaedic Surgeons elected the following officers on February 16: president elect 1951-52, Joseph H. Barr, Boston; vice president, J.

Hiram Kite, Atlanta; secretary, Harold B. Boyd, Memphis; treasurer, H. Relton McCarroll, St. Louis; and librarian-historian, Claude N. Lambert, Chicago.

Officers elected at the annual meeting of the board of trustees of *Biological Abstracts*, in Philadelphia, February 19, were: president, Maurice B. Visscher, University of Minnesota; vice president, Stuart Mudd, University of Pennsylvania; treasurer, J. J. Willaman, Eastern Regional Research Laboratory; and secretary, Robert Gaunt, Syracuse University.

Deaths

Charles J. Pierson, 83, head of the Department of Zoology of Maryland University from 1921 until his retirement in 1937, died February 28, at Laurel, Maryland, after a long illness. Dr. Pierson's contributions to zoology included collection of rare fish specimens in the Pacific, a biological survey of the Bay of Panama, and the discovery of fossils in the plains of Kansas.

Percy Rogers Howe, director of the Forsyth Dental Infirmary for Children since 1917, died at his home in Belmont, Massachusetts, February 28, at the age of 85. Dr. Howe was credited with perfecting the ammoniacal silver nitrate solution for treatment of dental caries with S. Bert Wolbach, and made extensive studies of the effect of diet on the teeth.

Alfred Habdank Korzybski, 70, originator of the methodology of general semantics, died March 1, in Sharon, Connecticut, of coronary thrombosis. His work, concerned with scientific analysis of blocks to communication and understanding, has been found useful in clarifying many scientific problems, including some issues in mathematical theory.

Horace W. Gillett, 66, international authority on metallurgy, died in Nicholasville, Kentucky, March 3, while returning from a hunting trip in Florida and Georgia. Dr. Gillett was responsible for Battelle Memorial Institute's technical organization, and he served as its first director, from 1929 to 1934. He re-

tired in 1949 as chief technical advisor of the institute.

Miscellaneous

The Viral and Rickettsial Registry, a catalogue of prepared specimens of selected viruses and rickettsiae ready for distribution, is available upon request from the American Type Culture Collection, 209 M Street, N.W., Washington 6, D. C. The catalogue includes the histories of the specimens, costs, methods of shipment, and other pertinent data.

The Veterans Administration, after three years of controlled testing and development, is making available a suction socket artificial leg to eligible veterans whose above-knee amputations are of such character to make use of the device medically feasible. During the past two years, the administration has tested more than 500 amputees in its experimental program. Successful results were obtained in a majority of the cases. The suction socket limb has no pelvic hinge or suspension harness, and it provides greater freedom of movement and a more life-like appearance.

The Veterans Administration's research to determine possibilities and limitations of this limb was done with the joint cooperation of the Advisory Committee on Artificial Limbs of the National Research Council, the University of California, the Orthopedic Appliance and Limb Manufacturers Association, the Army, the Navy and other interested organizations.

Amputee veterans who are eligible for a new artificial leg may obtain complete information from the Prosthetic and Sensory Aids Unit of the nearest Veterans Administration regional office.

The estate of the late H. W. Norris, of Grinnell College, Iowa, offers copies of the paper on *The Plagiostome Hypophysis*, bound in cloth, to any interested person. Requests should be addressed to Henry S. Conard, Grinnell College, Grinnell, Iowa.

Pi Mu Epsilon, honorary mathematical fraternity, is now publishing the *Pi Mu Epsilon Journal*, which

will be of interest to both undergraduate and graduate members of the fraternity. Information can be obtained from Ruth W. Stokes, Editor, 15 Smith Hall, Syracuse University, Syracuse 10, New York.

A proposal for an international society of plant taxonomists was presented to the New York meeting of the Systematic Section of the Botanical Society of America and the American Society of Plant Taxonomists by F. R. Fosberg, Catholic University botanist, on December 29.

Dr. Fosberg reported that at present there is no continuing organization of taxonomists equipped to handle such matters as rules of nomenclature, indexing and abstracting services, photographing of type specimens, microfilming of literature, and exchange between countries of specimens, literature, and scientists. In order to carry on such activities there is an urgent need for a strong, international, cooperative organization with a paid secretariat of one or more active taxonomists.

The idea for such an organization is not new. At the 1930 Botanical Congress held in Cambridge, the late H. M. Hall, of the University of California, suggested it, and in 1935 at the Amsterdam Congress, E. D. Merrill, professor emeritus of botany at Harvard University, made a similar suggestion. Other proposals have more recently been made by Frans Verdoorn, secretary of the Botanical Section of the International Union of Biological Sciences, and J. Lanjouw, director of the Botanical Museum and Herbarium of the University of Utrecht. Professor Lanjouw's proposal, which is being published in *Chronica Botanica*, Vol. 12, No. 1, will be considered at the Stockholm Congress this summer and Dr. Fosberg hopes that U. S. institutions to be represented at the congress will instruct their delegates to support the formation of such an organization and that they will become active members if the society is formed.

The Canadian Mathematical Congress recently published a pamphlet *Why Study Mathematics?* for

the special use of secondary school teachers and students concerned with vocational guidance. Copies may be obtained from congress headquarters in the Engineering Building, McGill University, Montreal, Canada.

The first issue of the quarterly, *Journal of the Philadelphia General Hospital*, has been published by the hospital. It is edited by P. F. Lucchesi, superintendent and medical director, and a consulting board of editors. Copies of the magazine may be ordered from S. O. Waife, associate editor, Philadelphia General Hospital, 34th and Curie Avenue, Philadelphia 4.

About 250 agricultural leaders from 28 foreign countries will come to the U. S. this year for observation, study, and training. Agencies of the U. S. Department of Agriculture, in cooperation with the Department of State, the U. S. Army in Japan and Austria, and the Economic Cooperation Administration, are developing plans for foreign trainees to study and work in fields of special interest to them. Arrangements have been made for training in laboratories, field stations, and at state colleges and experiment stations, as a means of sharing technical agricultural knowledge. Periods of training will range from 60 days to a year.

The Influenza Information Center at the National Institutes of Health, Bethesda, Maryland, will be continued another year. The center was set up a year ago to serve as Western Hemisphere headquarters for a world-wide program to study influenza and its control. The program was initiated by the World Health Organization and is sponsored in this country by the surgeons general of the Army, Navy, Air Force, and Public Health Service. More than 50 laboratories throughout the country that collaborated in the program last year have been invited to participate again and other laboratories, equipped for influenza work during the past year, have been asked to join the project.

The Registry of Rare Chemicals, 35 West 33rd Street, Chicago 16,

Illinois, lists the following wanted chemicals: vanadium nitride, uranium tetrachloride, zirconium bisulfate, gallium dichloride, carbon monosulfide, cyclohexanethiol, 1-thiahexylbenzene, 1-thiaethylcyclohexane, thiacyclooctane, 2-thianonane, 10-nonadecanone, benzoyltri-fluoroacetone, laurone, prodigiosin, L-catechin, anthrarobin, ergothioneine, azoisobutyronitrile, canadine, and D-laudanosine.

Sixty-nine declassified and unclassified reports from Atomic Energy Laboratories, abstracted by the Atomic Energy Commission in January, are now available. These include 16 on biology and medicine; 23 on chemistry; 1 on engineering; 5 on mineralogy, metallurgy, and ceramics; and 24 on physics. A complete list of the reports and information on how to obtain them may be had by writing the Documents Sales Agency, Atomic Energy Commission, Box 62, Oak Ridge, Tennessee.

Make Plans for—

American Society of Pediatrics, eastern area meeting, March 30, Bellevue-Stratford Hotel, Philadelphia.

National Speleological Society, 7th annual convention, March 31-April 2, Dodge Hotel, Washington, D. C.

National Association of Corrosion Engineers, April 4-7, St. Louis, Missouri.

American Association of Anatomists, annual meeting, April 5-7, New Orleans, Louisiana.

Association of American Geographers, annual meeting, April 5-8, Clark University, Worcester, Massachusetts.

Seismological Society of America, annual meeting, April 7-8, Seattle, Washington.

American Society of Mechanical Engineers, spring meeting, April 12-15, Hotel Statler, Washington, D. C.

American Chemical Society, 2nd session of 177th national meeting, April 9-13, Philadelphia; 3rd session, Detroit, April 16-20.