

# News and Notes

## Scientists in the News

George Batchelor, of Cambridge University, will spend a month working with **C. C. Lin** at MIT during late March and April, and will give a series of lectures on the applications of similarity theory on turbulence.

**E. U. Condon**, director of the National Bureau of Standards, has been elected president of the Philosophical Society of Washington. The Philosophical Society, founded in 1871, is the oldest Washington organization devoted to the promotion of science, and its first president was Joseph Henry, renowned physicist. Dr. Condon was recently awarded honorary D.Sc. degrees by the University of Delhi and the New Mexico School of Mines. The Royal Swedish Academy of Engineering Sciences has elected him a corresponding member in recognition of his contributions to science and administration in science.

**Clarence E. de la Chapelle** has been named director of the new division of affiliated and regional hospitals of the New York University-Bellevue Medical Center. He will coordinate the teaching program carried forward at 20 hospitals now affiliated with the center for training undergraduate medical students and physicians taking postgraduate studies. Dr. de la Chapelle was professor of medicine and associate dean of New York University Post-Graduate Medical School in 1948, after serving on the faculty of New York University College of Medicine for 25 years.

**Charles G. Ferrari**, who was in charge of the Chemical Research Division of General Mills, and later assistant to the vice president in charge of research for Standard Brands, has joined the J. R. Short Milling Company as technical director. Dr. Ferrari will also supervise the Short control laboratories.

**George Gross Finney**, who is associated with the Johns Hopkins, the Union Memorial, and Women's Hospitals in Baltimore and is professor of surgery in the Johns Hopkins Medical School, has been elected a charter trustee of Princeton University.

Two of Chicago Natural History Museum's veteran curators, **William J. Gerhard**, curator of insects, and **Paul C. Standley**, curator of the herbarium, have been retired from active duty. Both are desirous of continuing scientific research, and each has been appointed curator emeritus in his division. Dr. Gerhard is a veteran of nearly 50 years' service on the museum staff—the longest service record of any staff member now living. He joined the staff in 1901. Dr. Standley, as curator emeritus, will reside in Honduras and there will continue for the museum his Central American plant studies, which have been his principal activity on expeditions for several years past. He joined the staff of the museum in 1928. The vacancy in the curatorship

of the division of insects has been filled by appointment of **Rupert L. Wenzel**, who first became associated with the museum as a volunteer assistant in the division of insects in 1934 while still a student. He was appointed assistant curator of insects in 1940. **Henry S. Dybas**, assistant curator of insects, has been promoted to associate curator. **Julian A. Steyermark** has been appointed curator of the herbarium to succeed Dr. Standley.

**Ralph K. Hurch**, 65, a graduate of the University of Illinois in 1908 and staff member since 1911, will receive the Ross Coffin Purdy award for "the most valuable contribution to ceramic technical literature during 1949" at the April meeting of The American Ceramic Society. This was a paper on "The Development of a Porcelain Vacuum Tube," a development that makes ultra-high-voltage x-ray machines possible.

**E. Ross Jenney**, formerly with the Division of Tuberculosis, USPHS, has gone to Java, where he is at present medical director of the Special Technical and Economic Mission to Indonesia (ECA). This unit, with headquarters at Djararta, is engaged in the rehabilitation of public health services, with particular emphasis on malaria and the improvement of rural public health.

**Frederick G. Keyes**, chairman of the Department of Chemistry of MIT for 23 years, has been named vice president and director of Alfred Bicknell Associates. Dr. Keyes' most notable scientific contributions have been in the fields of thermodynamic properties of matter, kinetic theory of matter, and applications of thermodynamics to problems of chemical equilibria.

**Kenneth A. Koerber** has been appointed chief industrial physician for Sharp & Dohme, Philadelphia. Just prior to his association with Sharp & Dohme, Dr. Koerber held a civilian post with the U. S. Army Hospital at Fort Eustis, Va. His previous experience in industrial medicine includes service as medical director of Cramp Shipbuilding Company and the Electric Storage Battery Company. He has also been associated with the National Lead Company and was chief of medical services at the Brookhaven National Laboratory.

**Everett S. Lee** has been appointed editor of the *General Electric Review*, monthly engineering magazine published by General Electric. Mr. Lee succeeds **Edward C. Sanders**, who has retired.

Wayne University College of Medicine has announced the appointment of two assistant professors, **William G. McCullough**, in the field of microbiology, and **Harper K. Hellems**, in the field of medicine. Professor McCullough was formerly in the medical bacteriology department at the University of Michigan. Dr. Hellems has served on the staffs of the West Rox-

bury Veterans Hospital and the Peter Bent Brigham Hospital in Massachusetts.

**Charles F. McKhann** has resigned as professor of pediatrics of the School of Medicine, Western Reserve University, and director of pediatrics in the University Hospitals of Cleveland.

**Philip Manson-Bahr** has accepted the post of director of the London Cinchona Bureau. He succeeds the late **Charles A. Bentley**.

**Robert J. Meltzer** has joined Bausch & Lomb Optical Company's Scientific Bureau. Before taking his doctorate in physics at Johns Hopkins, he served for two years as a research assistant for the armed services' guided missiles program at the Naval Research Laboratories and at Massachusetts Institute of Technology.

**Gordon W. Newell** has joined Stanford Research Institute's Department of Applied Biology as senior biochemist. Dr. Newell was formerly with the Wallace & Tiernan Company, of Newark, N. J.

**William Barclay Parsons**, professor of clinical surgery at the College of Physicians and Surgeons, was elected president of the New York Academy of Medicine for a term of two years, succeeding **Benjamin P. Watson**, who was elected a trustee. **Henry Alsop Riley** was elected vice president, and **Shepard Krech** treasurer, of the Academy.

**J. J. Paul** has resigned his position with the Wisconsin Alumni Research Foundation to accept a position as assistant professor of entomology at the University of Georgia.

**Sol Pincus**, recently appointed consultant to the World Health Organization, has spent two months studying sanitation problems in Santiago, Chile, working with the Chilean Ministry of Health. In 1949 he was chief of the Environmental Sanitation Section of WHO, with headquarters at Geneva.

**Donald K. Tressler**, formerly consulting food technologist and head of Donald K. Tressler and Associates, Westport, Conn., has been appointed scientific director, Quartermaster Food and Container Institute for the Armed Forces.

**Neely Turner**, entomologist at the Connecticut Agricultural Experiment Station, is spending six months in England as an exchange scientist on the staff of the Rothamsted Experimental Station. He will devote his half year of research abroad to the study of insecticides, working in Rothamsted's Department of Insecticides and Fungicides. **A. H. McIntosh** is returning to Rothamsted after a year on the staff of the Connecticut Station, under the exchange agreement between the two institutions. While in New Haven, Dr. McIntosh devoted himself to a study of the particle size of chemical compounds and the ways in which this factor affects their toxicity as insecticides.

## Grants

The **American Petroleum Institute** has launched an intensive study, to be conducted by the University of California, to probe the role of marine sediments in creating crude oil. The annual cost of the study will be approximately \$123,000, and the work is expected to cover at least three years. Actual field work will be done by the Scripps Institution, under the directorship of F. P. Shepard; the Woods Hole Oceanographic Institution has agreed to assist Scripps in the investigation, and Gulf Coast institutions also are under consideration as possible participants.

A grant of \$4,500 has been given to the **National Science Teachers Association** to make a two-year study of science facilities in the secondary schools. The most recent Federal report on this subject, published in 1927, is out of print, as well as being out of date. John S. Richardson, professor of science education at Ohio State, will be director of the study and editor of the reports that will be published. Ralph W. Lefler, president of the NSTA and professor of physics at Purdue, is a member of the committee.

Recent gifts to the **University of Texas Medical Branch**, Galveston, for the support of research include the following: \$3,000 from Smith, Kline & French Laboratories, for research under the direction of Clarence S. Livingood, professor of dermatology and syphilology; \$6,600 from the W. K. Kellogg Foundation for participation in a curriculum-planning program for nurses at the University of Chicago; \$1,300 from the American Heart Association for research under the direction of C. E. Hall of the Department of Physiology; and \$1,800 from the American Cancer Society for research under the direction of Charles M. Pomerat, of the Tissue Culture Laboratory.

**Northwestern University's School of Medicine** will investigate effects of atomic radiation on bone marrow through a grant of \$22,275 from the USAF. The two-year program will be directed by Howard L. Alt, with the assistance of John A. D. Cooper.

Applications for grants-in-aid of chemical research from the **Cyrus M. Warren Fund** of the American Academy of Arts and Sciences should be received by the chairman of the committee, Frederick G. Keyes, MIT, Cambridge 39, Mass., not later than *April 20*. No funds are awarded for salaries.

The George Washington University has received a one-year grant of \$17,671 for research in arterial injection of nitrogen mustard to control cancer from the **Alexander and Margaret Stewart Fund**. The studies will be made by Jeanne Bateman, formerly of New York College of Medicine.

The Committee on International Exchange of Persons, 2101 Constitution Ave., Washington 25, D. C., will answer inquiries regarding professional qualifications of foreign scholars who wish to teach in American universities under the **Fulbright program** during the academic year 1951-52.

## Fellowships

The **Institute for Numerical Analysis** of the National Bureau of Standards is offering two types of appointments for study at the University of California at Los Angeles: summer studentships lasting ten weeks, and thesis fellowships to graduate students in pure and applied mathematics for one year. Application should be made before *March 1* to J. H. Curtiss, 405 Hilgard Ave., Los Angeles 24.

**General Electric Science Fellowships** for high school teachers will be offered this summer at Union College and at Case Institute of Technology. Those at Union (July 7–August 10) will be awarded to 50 teachers in 13 Northeastern states and the District of Columbia and are applicable in the fields of chemistry and physics. Completed applications must be received by *April 1* by Committee on GE Fellowships, Union College, Schenectady 8, N. Y. The fellowships at Case, awarded in recognition of excellence in the teaching of high-school physics, are open to teachers in 12 Midwestern states. Applications for the six-week program, which will extend from June 25 to August 3, must be sent to Dr. Elmer Hutchisson, Case Institute of Technology, Cleveland 6, Ohio, by *April 14*.

Academies of science and similar groups of professional scientists in 23 states are assuring further education for promising high-school science students by holding state **Science Talent Searches** concurrently with the Tenth Annual Science Talent Search, conducted by Science Clubs of America and administered by Science Service.

Boys and girls who will graduate in 1951 from public, private, or parochial secondary schools in Connecticut, District of Columbia, Georgia, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Massachusetts, Minnesota, Montana, New Hampshire, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Vermont, Virginia, West Virginia, or Wisconsin will have a double chance at scholarships and other financial assistance for a college education because, when they enter the national contest for Westinghouse Science Scholarships, they will automatically enter their own state Science Talent Search.

Committees of scientists will receive all entries for students from their state, after the national competition has been judged, and will then judge which boys and girls show greatest talent for science as indicated by a three-hour science aptitude examination, scholastic record, recommendations by the faculty, and a report of about 1,000 words on "My Scientific Project" as submitted by each entrant. Personal interviews will be arranged in many of the states before final selections are made.

State Science Talent Searches originated in 1946 when academies of science in Tennessee and Virginia first worked out the plan with Science Clubs of America. Since then the plan has been widely adopted and has accounted for the education of hundreds of boys and girls.

Where funds are not available outright from their own treasuries or from state industries, the academies

have worked out systems of recommendation that make scholarship assistance available from state colleges, universities, and technical schools. In one state in 1950, the 28 seniors chosen for state honors were offered \$33,000 worth of scholarships or other financial assistance to make college possible for those who could not otherwise afford it.

The Tenth Annual Science Talent Search has been completed, and the winners will come to Washington for final rewards and awards March 1–5. Any state academy of science wishing to arrange a State Science Talent Search for 1951 should write to Margaret E. Patterson, Science Clubs of America, 1719 N St., N.W., Washington 6, D. C.

Applications for the **Science Teachers Fellowships** provided by a grant from the Westinghouse Educational Foundation, for high-school science teachers must be made by *April 1* to Professor Francis W. Sears, MIT, Cambridge 39. The six-week summer program is open to science teachers in all U. S. high schools, and will be directed by Professor Sears.

## Colleges and Universities

Unesco's new edition of *Study Abroad* lists more than 30,600 opportunities for foreign study, of which 12,750 are in the U. S. Published by Columbia University Press, Volume III of this annual guide sells for \$1.25. The **Institute of International Education**, 2 W. 45th St., New York 19, is distributing a pamphlet listing summer sessions to be held abroad this year. This list gives data regarding the general nature of the courses, applications, credit, living arrangements, dates, and similar information.

A three-week seminar for scholars from the United States, Canada, England, and Israel, on the place of Israel in world affairs, will be held at **Katznelson Institute**, north of Tel Aviv, July 15–August 5. The second **New York University** workshop for 100 American university students will be held July 7–August 18 at the same institute. The workshop gives intensive courses in Israeli life to American graduate and undergraduate students, who pay for the instruction and are allowed credit for it in their home universities.

The **American College of Physicians** has announced postgraduate courses to be given between now and mid-June at the University of Oregon Medical School (March 19–23); Wayne University College of Medicine (March 26–31); Pittsburgh School of Medicine (April 24–28); Pennsylvania Hospital (May 7–12); New York University-Bellevue Medical Center (May 21–25); and Boston University School of Medicine (June 4–8). All registrations must be made through the executive offices of the college, 4200 Pine St., Philadelphia 4.

The first two of a series of public seminars on "Blood Cells and Plasma Proteins: Their State in Nature" were held this month at **Harvard** under the sponsorship of the Laboratory of Physical Chemistry Related to Medicine and Public Health. Mem-

bers of the university laboratory staff and visiting specialists will conduct seven more seminars on Thursday afternoons during March and April.

Among the special courses offered by **Massachusetts Institute of Technology** this summer are a seminar on Applications of Probability Methods to Problems in Analysis and a special course in probability, both conducted by Mark Kac, professor of mathematics and engineering physics at Cornell (June 11–July 20); Acoustics in Testing and Processing, under Richard H. Bolt and Theodor F. Hueter, of the Acoustics Laboratory (June 18–22); training programs in instrumental analysis, conducted by David N. Hume and Lockart B. Rogers, of the MIT Department of Chemistry (July 9–13 and July 16–20); and techniques and applications of infrared spectroscopy, directed by Richard Lord, MIT Spectroscopy Laboratory, and Foil A. Miller, Spectroscopy Laboratory, Mellon Institute (July 9–16). Applications for all courses should be addressed to Professor Walter H. Gale, Director of the Summer Session, Room 3-107, MIT, Cambridge 39, Mass.

### Miscellaneous

The first issue of *Serial Titles Newly Received*, to be published by the Library of Congress, will carry a January date line. Initially, only titles received by the Library itself will be included, but eventually the list will be expanded. New titles received by the Library of Congress are alone expected to total more than 20,000 this year. The annual subscription price will depend upon the number of advance subscriptions received by *March 1*.

At the fifth Annual Award Dinner of the **Viking Fund**, held in honor of the three outstanding anthropologists chosen each year by their respective societies as Viking Fund Medalists, it was announced that the Viking Fund would be renamed the Wenner-Gren Foundation for Anthropological Research, in honor of Axel L. Wenner-Gren, who created and endowed the Viking Fund in 1941. Clyde Kay Kluckhohn, of Harvard, was Medalist in General Anthropology, chosen by the American Anthropological Association; Emil Walter Haury, University of Arizona, was Medalist in Archaeology for The Society for American Archaeology; and Wilton Marion Krogman, University of Pennsylvania, Medalist in Physical Anthropology, selected by the American Association of Physical Anthropologists.

More than 100 laboratory and field training courses are being offered for 1951 by the **Public Health Service**. The emphasis in all courses, most of which are given by the Communicable Disease Center, is on training personnel to maintain health services in defense and mobilization. Application forms for laboratory refresher courses may be obtained from Laboratory Services, Communicable Disease Center, Box 185, Chamblee, Ga.; for field training courses from Training Services, Communicable Disease Center, 50 Seventh St., N.W., Atlanta 5, Ga.; and for the ten

special courses given at the Environmental Health Center, from the Chief, Training Section, 1014 Broadway, Cincinnati 2, Ohio.

The **Universities Federation for Animal Welfare** is asking for suggestions for the improvement of the UFAW Handbook on the Care and Management of Laboratory Animals, last issued in 1947. The address of the federation is 284 Regent's Park, Finchley, London, N. 3.

**Youth Argosy**, an educational nonprofit organization, is offering this year, as it has since May 1948, low-cost travel to those with the "serious purpose of broadening cultural and spiritual horizons and building friendly relations with young people of all nations, creeds, and races." Trips include visits to Africa, South America, Mexico, the Holy Land, walking tours in Arctic Lapland, flights around the world, or short tours in Europe. For further information, write to Youth Argosy, Northfield, Mass.

Under the auspices of **Unesco**, volunteers in Service Civil International may help to rebuild towns from Greece to Lapland, Algeria to Japan. Volunteers pay their own expenses, and a small amount of board in the work camp, live in tents, and do their own cooking. For further information write to Reconstruction Department, Unesco, 19 Ave. Kleber, Paris, France.

**Exercise Mukluk**, a winter clothing and survival equipment test, is being carried out this month by the RCAF in the Fort Nelson, B. C. area, and Cambridge Bay, in the Arctic Islands. Both RAF and RCAF equipment will be tested. The Canadian Army-RCAF joint tactical exercise this winter, **Sun Dog Two**, is being held in an area north of Fort Churchill. Sun Dog Two is a small exercise designed to provide training to meet the ordinary problems of airborne, air-transported winter operations in the Arctic.

Under the **Technical Assistance Programme** of Unesco, candidates are being sought for various scientific posts in Ceylon, Ecuador, Indonesia, Iraq, Lebanon, Liberia, Mexico, Pakistan, and Thailand. Applications should be directed immediately to the Recruiting Officer, Bureau of Personnel, Unesco, 19 Ave. Kleber, Paris 16e, France.

At the request of the Award Committee we wish to repeat the notice that appeared in *SCIENCE* on January 26 (p. 109)—namely, that nominations for the **Theobald Smith Award** must be received before *March 15*. Nominations may be made by Fellows of the AAAS and should be sent to the secretary of the Subsection on Medicine, Dr. Gordon K. Moe, Department of Physiology, State University of New York Medical Center, Syracuse. They should be accompanied by full information concerning the nominee's personality, training, and research work. Any investigator who was less than thirty-five years of age on January 1, 1950, and is a citizen of the United States is eligible. The secretary requests that all data be submitted in triplicate.