

# News and Notes

## Scientists in the News

**Otis O. Benson, Jr.**, commandant of the Air Force School of Aviation Medicine, was named recipient of the John Jeffries Award for 1950 by the Institute of the Aeronautical Sciences. The award, which includes an honorarium and a certificate, was presented to General Benson for physiological and biophysical studies that have pushed the frontiers of knowledge from 30,000 to 48,000 feet. The John Jeffries Award is made annually to honor the memory of John Jeffries, an American physician who, with the French balloonist Blanchard, made the first aerial voyage across the English Channel in 1785. On a previous voyage Dr. Jeffries made the earliest recorded scientific observation from the air.

The 1950 Hoover Medal was awarded to **Karl T. Compton**, chairman of the Corporation of MIT, for "distinguished public service." The medalist is chosen by a board representing the American Institute of Electrical Engineers, the American Society of Civil Engineers, the American Society of Mechanical Engineers and the American Institute of Mining and Metallurgical Engineers. Dr. Compton is the twelfth engineer to receive the medal since it was first awarded to Herbert Hoover in 1930 to commemorate his civic and humanitarian achievements.

**C. Julian Douglas**, formerly on the faculty of the Department of Biology, Atlanta Division, University of Georgia, has been appointed assistant to the director, University of South Carolina, Extension Division. He was with Florida Chemical Research before going to the University of Georgia.

**Lillian Gilbreth**, scientific management consultant, has received the Wallace Clark Award of the National Management Council. Dr. Gilbreth was cited for the honor in recognition of 30 years of service in applications of scientific management principles in industry. She is a past director of the NMC.

**Albert F. Guiteras**, formerly research coordinator and treasurer of Foster D. Snell, Inc., has opened Hudson Laboratories, Inc., in New York City. **Rebecca L. Shapiro**, who was also with Snell, has joined the new organization as chief bacteriologist.

**R. N. Haszeldine**, Department of Chemistry, Cambridge University, plans to visit the United States from June to September. He will deliver a series of lectures on "Fluorine Chemistry" at Ohio State University some time during that period.

Three civilian physicians have accepted appointments to committees of the Society of U. S. Medical Consultants in World War II, which will assist in providing medical consultation to the Army Medical Service, both in the U. S. and overseas. Heading the

committee that will advise on assignment of consultants for Army hospitals in this country is **Joseph M. Hayman, Jr.**, specialist in internal medicine, Cleveland. The overseas committee chairman is **Alfred R. Shands**, orthopedic surgeon, Wilmington, Del. **John B. Flick**, Philadelphia, will fill the general surgery position on the overseas committee. Still to be named are a neuropsychiatrist and a general surgeon for the Zone of Interior committee, and an internist and a neuropsychiatrist for the overseas committee.

**Ruth H. Hooker**, librarian of the Naval Research Laboratory of the Office of Naval Research, has been appointed to the new position of Coordinator of the Naval Libraries. Mrs. Hooker will also be Navy Department librarian, succeeding **Constance D. Lathrop**, who has retired. **Mildred Benton**, chief, division of field libraries service of the USDA, will succeed Mrs. Hooker as librarian at NRL.

**George M. Hunt**, director of the Forest Products Laboratory at Madison, Wis., will retire on March 31 after 40 years of continuous service in the Forest Service. His successor will be **J. Alfred Hall**, director of the Pacific Northwest Forest and Range Experiment Station in Portland, Ore. Dr. Hall, in turn, will be succeeded by **Robert W. Cowlin**, present chief of the Division of Forest Economics at the Portland experiment station.

The School of Medicine of the University of Pittsburgh has appointed **I. Arthur Mirsky** as professor of clinical science and chairman of the new Department of Clinical Science, and professor of research psychiatry.

The rank of professor of anatomy emeritus has been conferred on **James W. Papez**, who will retire after 30 years on the Cornell University faculty. He will spend his final term on leave to begin new duties as director of a bureau of research, education, and preventive medicine created recently by the Division of Mental Hygiene, Ohio State Department of Public Welfare. His office will be in Columbus. Dr. Papez, known for his research in the field of neurology, has also been curator of Cornell's Wilder Brain Collection, which includes 150 brains representing extremes of human intelligence.

**Maurice Rattray**, of Seattle, has been made a deputy administrator of the Defense Fisheries Administration to assist Administrator Albert M. Day and Deputy Administrator Milton C. James in the supervision of the department's program for assuring sufficient fishery commodities to satisfy the country's emergency needs. Mr. Rattray has been president of Anderson and Miskin, Ltd., exporters of canned foods.

**Ernest R. Sohns** has been made acting chairman, Department of Biology, College of William and Mary.

Until his death last summer, **Donald W. Davis** had been head of this department since 1916.

**Hugo Theorell**, professor and director of the Medical Nobel Institute, Department of Biochemistry, Stockholm, was this year's lecturer under the Edward K. Dunham Lectureship at Harvard. The lectureship was established in 1923 in memory of Edward K. Dunham, for the promotion of the medical sciences.

Columbia University has announced the appointment of **Charles Hard Townes**, professor of physics, as Ernest Kempton Adams Research Fellow. He will continue research in determining the nuclear properties and molecular structure of various substances. The Adams fellowship was established at the university in 1904 to further research in the physical sciences or in their applications.

**Alexander M. White** has been selected by the Board of Trustees of The American Museum of Natural History to succeed **F. Trubee Davison** as president, and will take office on October 29. Mr. Davison, who will remain in office until Mr. White assumes the position, had previously announced that he would not be a candidate for reelection after this year. Mr. White, who has been a member of the Museum Board of Trustees since January 1947, will become the sixth president of the institution, which was founded in 1869.

**Gian-Carlo Wick** has been appointed professor of physics at Carnegie Institute of Technology. He will fill a new professorship supported by the Buhl Foundation of Pittsburgh. Dr. Wick was formerly professor of physics at the universities of Palermo, Padua, and Rome, and at Notre Dame and California. At Carnegie, Dr. Wick will cooperate on the theoretical aspects of the school's physics programs, particularly at the Nuclear Research Center.

**Eva Donelson Wilson**, professor of foods and nutrition at Pennsylvania State College, has been named head of the department of foods and nutrition in the School of Home Economics. She succeeds **Elisabeth W. W. Dye**, who retired a year ago with emeritus rank. Dr. Wilson is national secretary of Omicron Nu and a member of Phi Upsilon Omicron, home economics honorary societies.

**Theodore P. Wright**, Cornell University vice president for research, will succeed **Cornelis W. de Kiewiet** as acting president. Dr. de Kiewiet has been granted leave to undertake "a special service abroad" before becoming president of the University of Rochester July 1. Dr. Wright was named vice president for research at the university in 1948, after four years as head of the Civil Aeronautics Administration. He is president of the Cornell Research Foundation and the Cornell Aeronautical Laboratory, Inc., and serves as chairman of the Cornell Defense Coordinating Council to formulate plans for the university's participation in research and educational phases of the national mobilization program.

## Colleges and Universities

The College Chemistry National Testing Program, sponsored by the Committee on Examination and Tests of the **ACS Division of Chemical Education**, offers tests for 1951 in general chemistry, qualitative analysis, quantitative analysis, organic chemistry, physical chemistry, and biochemistry. A booklet describing the tests in detail and the tests themselves may be obtained from Educational Testing Service, 20 Nassau St., Princeton, N. J.

The **Institute of General Semantics** will hold a summer Seminar-Workshop Course in General Semantics August 6-September 2 at Bard College. It will be conducted by a group of co-workers who studied with Korzybski. For detailed information and application form, address the institute at Lakeville, Conn.

The former native agricultural school at Fort Cox, Eastern Cape Province, Pretoria, reopened in January as the **Fort Cox Native College of Agriculture**. The new college has a teaching staff of 8 Europeans and 7 natives, and offers courses in animal and field husbandry, horticulture, poultry farming, soil conservation, and handicrafts.

**Johns Hopkins**, which this year celebrates the 75th anniversary of its founding, plans to give greater breadth to the educational process by eliminating departments of narrow scope, and to speed it up by giving students the opportunity to progress as rapidly as they are able. Sharp distinctions between graduates and undergraduates will no longer exist, and those students capable of doing research and creative work without first completing 8 years of secondary and college education will be allowed to do so. The Johns Hopkins Fund, to which the trustees of the university and the hospital have already subscribed \$1,800,000, will be used to carry on the program.

The **University of Illinois** will dedicate its new \$3,400,000 East Chemistry Building at a two-day meeting March 30-31. Roger Adams, head of the university's Department of Chemistry, Edward A. Doisy, Vincent du Vigneaud, William L. Faith, Edwin R. Gilliland, Wendell H. Griffith, Norman W. Krase, Robert L. Pigford, William C. Rose, and Thomas R. Wood will be among the speakers. Aspects of chemical engineering and biochemistry will be the principal subjects discussed, for it is to studies in these fields that the new building will be devoted.

**Natal University's** new medical school for non-Europeans opened in Durban on February 16. It will train qualified non-European medical practitioners for work among their own people in their own areas, where at present there is only one fully qualified doctor for every 22,000 people. The building to house the school will be ready by 1953; in the meantime premedical training will be started at Wentworth.

The **University of Oklahoma Biological Station** at Lake Texoma will hold its annual summer session

June 9–August 4. Graduate and undergraduate courses in botany and zoology will be given, as well as research courses and problems for the M.S. and Ph.D. degrees. Write to Carl D. Riggs, Director, University of Oklahoma Biological Station, Norman, for information concerning scholarships and graduate and research assistantships open to graduate students.

The board of trustees of the new James Forrestal Research Center at **Princeton** has appointed Daniel C. Sayre, chairman of the Department of Aeronautical Engineering, director, and a five-man administrative committee consisting of Kenneth H. Condit, Hugh Scott Taylor, George A. Brakely, Raymond Jay Woodrow, and Professor Sayre.

**St. Louis University's** new Summer Institute for the Teaching of Chemistry will be directed by Theodore A. Ashford, for 18 years a member of the faculty of the University of Chicago. Information about the courses to be offered may be obtained from Dr. Ashford.

**Stanford University** will build two new electronics laboratories, one for applied research and one for student electrical engineering activities, which will be under the direction of Frederick E. Terman, of the School of Engineering. The electrical engineering laboratory was made possible through a gift from Hewlett-Packard Company, of Palo Alto. Stanford has just received an ONR contract for research in applied electronics, which will supplement existing basic research contracts already held by the university with ONR, the Air Force, Signal Corps, and the National Bureau of Standards.

**Trinity College**, in cooperation with the United Aircraft Computing Laboratory, is offering a new course that combines lectures on numerical mathematical analysis and machine methods with the use of IBM punch-card computing machinery. Stuart L. Crossman and Walter Ramshaw are in charge of the work.

**Tulane University** has established a 2,000-acre swamp area as a research refuge for the study of fish, amphibian, and reptile populations. The refuge, named the Sarpy Wildlife Research Refuge, was established through the generosity of Leon Sarpy, New Orleans attorney.

**The University of Chicago** will hold two workshop seminars in the Rorschach test, June 4–8, and June 11–15, to be conducted by S. J. Beck. Students at, or ready for, the interne level may take the first course, but admission to the second workshop is limited to psychologists and psychiatrists in clinical positions or practice. For further information, write to Dr. James G. Miller, of the Department of Psychology.

Under the sponsorship of the **University of Michigan Center for Japanese Studies**, a faculty member, Mischa Titiev, and three students, Forest Pitts, David Plummer, and David Wheatley, have gone to the center's field station at Okayama, to carry on research

into the general problem of the effect of Western civilization on Japan's folk culture.

Sponsored by the School of Medicine and the Extension Division of the **University of North Carolina**, postgraduate medical courses for practicing physicians will be given at North Wilkesboro–Elkin (March 30–April 24) and at Shelby (March 21–April 25), with guest speakers from various areas.

The **University of Wisconsin** has appointed Milton Davis, Jr., as associate professor of anesthesia in the medical school. Dr. Davis has been in private practice in Danville, Ky. Wilber J. Tyler has been appointed associate professor to head the dairy cattle breeding project at Emmons Blaine, Jr., experimental farm near Lake Mills. He comes from the University of West Virginia.

Eight of the nation's outstanding chemical scientists are participating in the "Frontiers in Chemistry" lecture series at **Wayne University**, under the sponsorship of the International Society of the Friends of the Kresge-Hooker Library and Wayne's department of chemistry. The lecturers include Winston M. Manning, Argonne National Laboratory; G. E. Boyd, Oak Ridge National Laboratory; John E. Willard, University of Wisconsin; Linus Pauling, Caltech; Charles D. Coryell, MIT; Joseph J. Katz, Argonne National Laboratory; A. V. Grosse, Research Institute of Temple University; and Leonard F. Yntema, Fansteel Metallurgical Corporation.

## Grants

Approximately 70 **Fulbright** awards for university lecturing and advanced research in Australia, Burma, India, New Zealand, Pakistan, the Philippines, and Thailand will be made for 1952–53. Application forms (returnable not later than *April 15*) and additional information may be obtained from Executive Secretary, Committee on International Exchange of Persons, 2101 Constitution Ave., Washington 25, D. C. Graduate students desiring to enroll for courses abroad should apply to their local Fulbright committees or directly to the Institute of International Education in New York City.

The **Lumber Dealer's Research Council** will underwrite the study by the Small Homes Council of the University of Illinois of interior partitions that will include provisions for storage. Under a grant of \$4,650, the council will carry on a year's investigation. It will then recommend procedures expected to result in increased storage efficiency, as well as lower construction costs.

Twenty medical scientists in as many U. S. and Canadian institutions, comprise the fourth group of "Scholars in Medical Science" appointed by the **John and Mary R. Markle Foundation**. The grant has been increased by \$1,000, making the five-year total \$30,000, instead of \$25,000. Beginning July 1 this increase will apply also to the 46 grants made during the first

three years of the program. All grants are made direct to the medical schools at the rate of \$6,000 annually.

Two grants from the **National Cancer Institute** have been made to the Chicago Medical School for training and research under the direction of Philippe Shubik, coordinator of the Cancer Teaching Program. One is a renewal of \$25,000 for cancer teaching, and the other is a grant of \$10,000 allocated to research in the mechanism of the chemical production of cancer.

The Russian Institute, School of International Affairs, of Columbia University, has received \$420,000 from the **Rockefeller Foundation** to be used over a five-year period. The two-year course given by the institute comprises such studies as international relations, Russian history, economics, law, and Russian culture and civilization, including contemporary culture. Familiarity with the Russian language is prerequisite.

A grant of nearly 400,000 kronor (\$80,000) from the **Knut and Alice Wallenberg Foundation** will aid cancer research in the laboratory attached to the Department for Cytology of the Nobel Institute for Medicine in Stockholm. Major portion of the grant will be used to organize a special cancer research group under the direction of Torbjörn Caspersson. His colleagues will be Gunnar Moberger and K. G. Thorsson.

### Manpower

Plans for a survey to determine the potential for research in physical and engineering sciences in all American colleges and universities have been announced by Athelstan F. Spilhaus, of the University of Minnesota, chairman of a subcommittee of the **Engineering College Research Council**. The committee's report, due about April 1, will indicate the fields of research of particular interest to all institutions surveyed, their facilities, and the availability of personnel. Copies will be supplied to the Research and Development Board and, through it, to all military agencies concerned with contracting for the research services of colleges and universities. The findings will also be reported to the Atomic Energy Commission, National Science Foundation, and other Federal and industrial groups.

The survey will cover a broad list of scientific fields, including aeronautical engineering, astronomy, ceramics, chemical engineering, chemistry, civil and sanitary engineering, electrical engineering, electronics, food technology, geology, industrial engineering, marine engineering, mathematics, mechanics, metallurgical engineering, meteorology, mining engineering, oceanography, petroleum and fuels engineering, physics, and psychology and human resources. The project is under the direction of the ECRC's Committee on Relations with Military Research Agencies, of which Dean Spilhaus is chairman. Other members are Allan P. Colburn, University of Delaware; W. L. Everitt, University of Illinois; F. B. Farquharson,

University of Washington; C. W. Good, University of Michigan; Paul E. Klopsteg, Northwestern University; James S. Owens, Ohio State University; J. R. Van Pelt, Battelle Memorial Institute; and Eric A. Walker, Pennsylvania State College.

**Lehigh University** has announced the establishment of a year-round school program to enable students to speed up their college education. Martin D. Whitaker, president, also announced plans to permit the entrance of a section of the 1951 freshmen class this June. The decision to stress summer school work is the university's answer to a heavy demand from secondary school seniors to begin and continue their college education immediately upon graduation. The "Continuous Program of Studies" is designed to help meet the nation's military and manpower needs in the international crisis. Not compulsory, the new program at Lehigh will enable students to attend summer sessions of 12 weeks and to complete the requirements for a bachelor's degree in 3 years.

### Meetings and Elections

Justin M. Andrews, of Atlanta, deputy officer in charge of the Communicable Disease Center, USPHS, has been elected president of the **CDC Branch of RESA**, succeeding R. A. Vonderlehr, medical director in charge of the center and first president of the CDC Branch. Other officers of the society include George Bradley, vice president; M. M. Brooke, secretary-treasurer; and R. F. Reider and James H. Steele, members of the executive committee.

The **Animal Care Panel**, at its first national meeting at the University of Chicago last November, elected the following officers: N. R. Brewer, chairman; C. A. Slanetz, vice chairman; and Bennett J. Cohen, secretary-treasurer. The meeting was attended by more than 75 representatives of biological institutions in the U. S., Canada, Australia, and the Philippines.

The **Division of High Polymer Physics** of the American Physical Society has elected the following officers for 1951: chairman, J. Burton Nichols; vice chairman, Maurice L. Huggins; secretary-treasurer, W. James Lyons.

An **International Society of Tropical Foresters** was formed at a meeting last December in Washington, D. C. Membership in the society is open to foresters of all nationalities working in all types of tropical forest products. No dues are required, and those interested in joining should write to Tom Gill, 1214 16th St., N. W., Washington 6, D. C.

The **Wyoming Geological Association** will hold its annual Field Conference July 31–August 3, inclusive. Areas that will be included in the daily field trips are Separation Flats, the Ferris and Seminole Mountains, and the Sweetwater and Rawlins uplifts. Headquarters will be in Rawlins, Wyo. Those who wish to participate can obtain additional details from Tom Bailey, P. O. Box 2249, Casper, Wyo.