

NEWS and Notes

The National Science Foundation Act (H. R. 4846) was passed by the House of Representatives on March 1 by a vote of 247 to 125. A Senate-House conference will now be necessary to resolve the differences between the House bill and the one passed last March by the Senate. Members of the conference committee have not yet been named. The most serious difference between the two bills is a last-minute amendment to the House bill requiring the FBI to investigate *and to approve* every Foundation employee and scholarship holder. Since in the judgment of a large number of scientists such a requirement will seriously damage the effectiveness of the Foundation, strong efforts will be made to have this provision removed by the conference before the bill is reported back to the two houses for final action.

About People

C. O'D. Iselin, director of the Woods Hole Oceanographic Institution since 1940, will resign from administrative duties on July 1 in order to devote full time to scientific studies. He will divide his time between the institution, as senior oceanographer, and the Museum of Comparative Zoology at Harvard University, where he is associate professor of physical oceanography. Dr. Iselin hopes to give considerable time to possibilities of tapping new resources in the sea for world food requirements.

Marshall Clagett, associate professor of the history of science at the University of Wisconsin, is planning his third trip to the libraries of England, France, and Italy, to record on microfilm the parchment manuscripts of such 13th and 14th century scientists as Jordanus, Ockham, Buri-

dan, Heytesbury, and Oresme. He is collecting the work of these men, which foreshadowed that of Galileo, as an example of the evolution of knowledge.

John T. Buchholz, University of Illinois botanist, has been appointed correspondent of the National Museum of Natural History of Paris, in recognition of his outstanding research on the flora of New Caledonia. Dr. Buchholz plans to continue this work, using the museum's collection, during the summer.

Ralph B. Hogan, veteran research worker in venereal disease, has been named chief of laboratory services for the Communicable Disease Center of the U. S. Public Health Service in Atlanta. Dr. Hogan, who has been chief of clinical and laboratory research for the Venereal Disease Division in Washington for the past two years, succeeds Seward E. Miller, now regional director for the Federal Security Agency in Chicago.

Stafford L. Osborne, professor of physical medicine, Northwestern University Medical School, Chicago, has been appointed chairman of the department to succeed the late John Stanley Coulter. The appointment was effective January 1.

Frederick G. Sawyer, editorial representative of the western states for the American Chemical Society, has joined the Stanford Research Institute to administer its air and water pollution research programs.

Lester W. Burket, professor of oral medicine at the University of Pennsylvania School of Dentistry, has been named visiting professor to the dental schools of the National University at Bogota, and the University of Antioquia at Medellin, Colombia.

Martin W. Goldner, director of medical research and chief of the gastrointestinal and metabolism section of the Veterans Administration Hospital, Fort Logan, Colorado, has been appointed chief of medicine at the Fort Hamilton Veterans Administration Hospital, Brooklyn, New York.

Visitors to U. S.

Ezidio Bertorello, of the Research Department, Istituto Ricostituzione Industriale, Rome, is studying metallurgical engineering at the University of Pittsburgh under the Fulbright program.

B. Mygaard-Ostby, professor of dentistry, Norwegian College of Dentistry, Oslo, and G. H. Guest, senior scientific officer with the Health Radiation Section, National Research Council, Ottawa, Canada, recently visited the National Bureau of Standards.

Grants and Awards

The 1950 Medal of Honor of the Institute of Radio Engineers was presented to Frederick E. Terman, dean of the Stanford University School of Engineering, at the annual IRE convention in New York City on March 8. Dean Terman was honored for his many contributions to the radio and electronics industry as teacher, author, scientist, and administrator.

The Chancellor's Medal of the University of Buffalo, New York, was awarded for 1950 to Ernest Witebsky on February 22. Dr. Witebsky, professor of bacteriology and immunology and head of the department at the university's Medical School, is the fifth recipient of the award in the field of medical science. He was honored for his research on human blood.

The Swedish Royal Order of the North Star, degree of Commander, has been conferred on Robert Gordon Sproul, president of the University of California, in recognition of his accomplishments in cementing friendly relations between the University of California and Swedish universities and scientific institutions.

The Willard Gibbs Medal, conferred annually by the Chicago Section of the American Chemical Society, will be awarded May 19 to Carl Shipp Marvel, head of the Department of Organic Chemistry at the University of Illinois. Dr. Marvel is known for his work on synthetic rubber and antimalarial drugs.

Fellowships and Grants-in-aid

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, Massachusetts Institute of Technology, Cambridge 39, not later than *May 1*. Grants are seldom in excess of \$300 and are made generally for apparatus and supplies needed for research. No funds are awarded for salaries. Application blanks will be sent upon request.

A graduate fellowship leading to a Ph.D. degree in chemical engineering has been established at the Illinois Institute of Technology by the **Federation of Paint and Varnish Production Clubs**. It includes a grant of \$1,350 and \$660 tuition for two semesters and a summer session. The fellow selected will engage in research on fume recovery in varnish plants. Applications should be sent to the dean of the graduate school, Illinois Institute of Technology, Chicago 16, before *July 1*.

Summer Programs

The 1950 Institute for Annual Review of United Nations Affairs will be held June 26-30, under the joint auspices of the Program of Studies in United Nations and World Affairs of New York University and the Department of Public Information of the UN. Day sessions will be held at Lake Success, evening sessions at New York University. The activities of the United Nations during the past year will be reviewed by UN officials, and panel discussions will follow. Inquiries should be addressed to Clyde Eagleton, Director of the Program in United Nations and World Affairs, New York University, New York City.

The **Roscoe B. Jackson Memorial Laboratory** is offering cooperative research facilities for the summer to a limited number of young workers with interests related particularly to the laboratory's programs in growth and social behavior of animals. Investigators are selected on

the basis of capability for independent research and suitability of the research plan submitted. Each visiting investigator is sponsored by a resident staff member who assists in cooperative planning. Application blanks may be obtained from the Summer Investigators Committee, Box 847, Bar Harbor, Maine. The period of residence will be from June 12 to September 3.

The regular summer programs of the laboratory begin June 21 for guided research studies in problems of growth and problems of social behavior of mammals. Applications may be obtained from the Summer Studies Committee, Jackson Laboratory, and must be returned before *April 15*. A fee of \$140 is required to defray costs of board and room and operation of the laboratory, but no tuition is charged for the course.

Meetings and Elections

A **symposium on conservation** will be sponsored by the Springfield chapter of the AAAS, March 21, in the auditorium of the Museum of Fine Arts, Springfield, Massachusetts, under the chairmanship of *Arthur T. Lyman*, commissioner of conservation, Commonwealth of Massachusetts. Speakers will be *Hugh H. Bennett*, chief, Soil Conservation Service, U. S. Department of Agriculture; *H. B. Kinnison*, U. S. Geological Survey engineer; *Raymond Kienholz*, University of Connecticut; and *Reuben F. Trippensee*, University of Massachusetts. There will be special exhibits at the Natural History Museum, through the courtesy of Leo Otis, director. Further information may be obtained from P. H. Clinis, 633 Chestnut Street, Springfield 7, Massachusetts.

The third annual meeting of the **American Association of Blood Banks** will be held October 12-14 at the Stevens Hotel in Chicago. The program is being planned to attract blood bank workers, hospital administrators, pathologists, clinicians, surgeons, and others interested in procuring and preserving blood and blood derivatives. For further information write the Office of the Secretary, 3301 Junius Street, Dallas 1, Texas.

The **Midwest Power Conference**, sponsored by the Illinois Institute of Technology with the cooperation of 18 other midwestern organizations, will hold its 12th annual meeting at the Sherman Hotel in Chicago, April 5-7. Participation is open to anyone interested in problems of power production, transmission, or consumption. Preregistration may be made through Edwin R. Whitehead, Conference Secretary, Illinois Institute of Technology, 3300 Federal Street, Chicago 16.

The **Sixth National Chemical Exposition**, sponsored by the Chicago Section of the American Chemical Society, will be held in the Chicago Coliseum, September 5-9, concurrently with the 118th national meeting of the ACS. "A Half Century of Chemical Progress" will be the theme of the exposition, in which contributions of chemical science and industry will be emphasized and the history of the development of many phases of chemistry and new industries will be presented. As in previous expositions, "Chemical Trail Blazer" displays will be featured, showing the latest developments in the chemical field. Space for these exhibits will be available free to individual scientists for noncommercial displays of their outstanding work. Inquiries may be addressed to James J. Doheny, Exposition Manager, 86 East Randolph Street, Chicago.

A conference cosponsored by the **Foundation for Integrated Education and Oklahoma Agricultural and Mechanical College** will be held June 6-9 at Stillwater, Oklahoma. The chief function of the foundation, whose president is Kirtley F. Mather, president elect of the AAAS, is to give assistance to college and university faculties in developing integrated programs. The aim of the conference is "to explore the possibilities of a unified conceptual structure as the basis for unifying group attitude and action. . . . The view of knowledge as dynamic as well as cognitive will be made explicit." Formal papers will be presented by *F. S. C. Northop*, of Yale University, general chairman of the conference; *Henry Margenau*, also of

Yale, chairman of the foundation's board; *Clyde Kluckhohn*, Harvard University; and *Muzafer Sherif*, University of Oklahoma. These papers will be followed by small group discussions by conference participants. Inquiries should be sent to the Foundation for Integrated Education, 60 East 42nd Street, New York City 17.

During the fourth annual meeting of the **Society for the Study of Evolution** held December 27-30, the following officers were elected: president, Ernst Mayr, American Museum of Natural History; vice presidents, Alfred S. Romer, Museum of Comparative Zoology, Harvard University; Stanley A. Cain, Cranbrook Institute of Science; David Lack, Edward Grey Institute of Field Ornithology, Oxford, England; secretary, Theodor Just, Department of Botany, Chicago Natural History Museum; treasurer, Karl P. Schmidt, Department of Zoology, Chicago Natural History Museum; and editor, Edwin H. Colbert, American Museum of Natural History.

The American Venereal Disease Association and the Experimental Therapeutics Study Section of the National Institutes of Health will jointly sponsor a **symposium on advances in clinical and laboratory research in venereal disease**, to be held in the Department of Agriculture Auditorium, Washington, D. C. on April 27 and 28. Requests for information should be sent to Francis L. Schmehl, National Institutes of Health, Bethesda 14, Maryland, or to William L. Fleming, Secretary, American Venereal Disease Association, 750 Harrison Avenue, Boston, Massachusetts.

NRC News

A Handbook of Clinical Nutrition, prepared by the NRC Food and Nutrition Board's Committee on Diagnosis and Pathology of Nutritional Deficiencies, will be published this month. This handbook, designed to complement the material in the American Medical Association's *Handbook on Nutrition*, discusses nutrition and health and the patho-

genesis of deficiency disease, and considers in detail the clinical signs and methods of diagnosis. It also includes chapters on diet therapy, and nutrition in public health and in industrial medicine.

The NRC Division of Geology and Geography announces that the 1948-49 *Report of the Committee on the Measurement of Geologic Time* is now available. The report reviews research bearing on the problem of the age of the earth and the dating of minerals and geologic features, and also discusses work in progress on measurement of radioactivity, chemical composition, and isotopic composition of minerals. It includes an annotated bibliography of articles relating to measurement of geologic time.

Deaths

George R. Minot, 1934 Nobel prize winner (with William P. Murphy and George Whipple) for his discovery of the liver treatment as a cure for pernicious anemia, died February 25 at his home in Brookline, Massachusetts. He was 64 years old. Dr. Minot retired as professor of medicine at the Harvard Medical School in July 1948.

John H. Reedy, professor emeritus of chemistry at the University of Illinois, died February 21 at the age of 71, following a long illness. Dr. Reedy was a member of the university's Chemistry Department for 28 years and was well known for his books on quantitative analysis.

Carlos de la Torre, professor emeritus of zoology, University of Havana, died February 19 at his home in Havana at the age of 91. Dr. de la Torre was an expert on shellfish of Cuba and the Caribbean area and had collaborated with Paul Bartsch of the Smithsonian Institution on a book on shellfish.

Samuel Newton Taylor, 91, professor emeritus of physics, Goucher College, died January 8. He had taught at Purdue, Syracuse, Pittsburgh, and Cincinnati Universities, and at Goucher College from 1911 until his retirement in 1933.

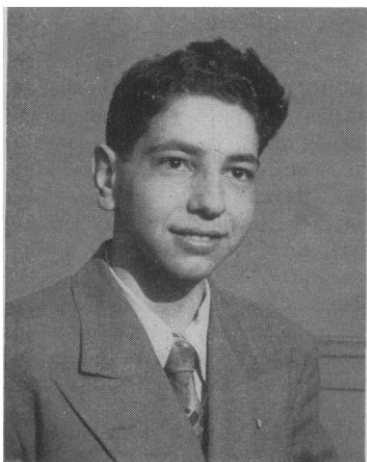
Miscellaneous

Heinz Specht, of the National Institutes of Health, Bethesda 14, Maryland, requests that students and friends of **E. A. Andrews**, professor emeritus of zoology, Johns Hopkins University, who passed his ninetieth birthday September 10, 1949, contribute letters for a commemorative volume. It is suggested that a snapshot be included, space for it being provided in the letter. Letters should be addressed to Dr. Andrews but sent to Dr. Specht.

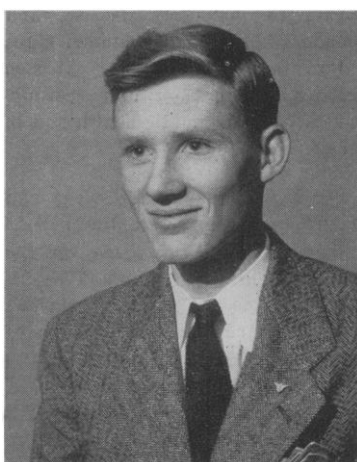
Complete English translation of the *Journal of Applied Chemistry of the USSR* will be available to American research laboratories and libraries, beginning with the January 1950 issue, from the Consultants Bureau, 153 West 33rd Street, New York City. Subscribers will receive complete translation of each 1950 issue within seven weeks after its arrival in this country, and several months in advance of the abstract literature. Subscription to the entire Vol. 23 (1950) is \$80.

Consultants Bureau is also publishing in English translation the *Journal of General Chemistry of the USSR*. The January, February, March, April, and September (1949) issues are already available. Subscribers will receive all 1949 issues by June 30 and all 1950 and subsequent issues within eight weeks after receipt of each issue in the U. S. Annual subscription is \$95.

At a recent meeting of the Board of Directors of the Academy of World Economics the name of that organization was changed to **The National Academy of Economics and Political Science**. The academy was founded in 1922 and has held 27 annual sessions. Its objectives are to promote a wider understanding of national and international economic and political problems. Proceedings of all sessions are published in the quarterly journal, *Social Science*. Benjamin H. Williams is the chairman of the board and Donald P. Ray is the executive secretary. Administrative offices are in the Hall of Government, George Washington University, Washington, D. C.



Saul H. Sternberg, 16, of The Bronx, N. Y., senior at High School of Music and Art, winner of the \$2,800 Westinghouse Grand Science Scholarship.



Donald B. McCormick, 17, of Oak Ridge, Tennessee, senior at Oak Ridge High School, winner of second place \$2,000 Westinghouse science scholarship.

Winners of the **ninth annual Westinghouse Science Talent Search**, conducted by Science Service, were announced March 6 at the closing banquet of the five-day Science Talent Institute at the Hotel Statler in Washington, D. C. Harlow Shapley, director of the Harvard College Observatory and chairman of the board of judges of the Science Talent Search, presented the scholarship awards.

Saul Sternberg, winner of the Westinghouse grand science scholarship, is an inventor and student of biology in addition to his major interest in nuclear physics. In preparation for the Talent Search, Saul undertook the measurement of the tracks made by helium atoms across a photographic plate and calculated the energy released by cyclotron bombardment. The helium was produced by bombarding boron with neutrons. Saul used photographic plates impregnated with boron and persuaded Washington University at St. Louis to bombard them with neutrons in their cyclotron.

Donald Bruce McCormick, who won second place in the nationwide competition, plans to be a biochemist after graduation from the University of Tennessee. He has been studying the abnormal outgrowths, or galls, often found on goldenrod plants. Because certain galls have been shown to be a definite type of plant

cancer, Donald thinks that their study may lead to helpful knowledge about cancer.

Eight other teen-age scientists were awarded \$400 scholarships. They are: *Malcolm S. Gordon*, 16, of Brooklyn, New York; *Robert W. Detenbeck*, 17, of Kenmore, New York; *William D. Gunter, Jr.*, 18, of Bellingham, Washington; *Dennis P. Malone*, 17, of Kenmore, New York; *William J. Reeves, Jr.*, 17, of Springfield, Oregon; *Lenore Y. Taylor*, 17, of Utica, New York; *William G. Tift*, 17, of Seymour, Connecticut; *Cynthia W. Wyeth*, 16, of North Hills, Philadelphia, Pennsylvania. Thirty other finalists were awarded scholarships of \$100 each.

The judges of the Search, in addition to Dr. Shapley, are Harold A. Edgerton and Stuart H. Britt, New York psychologists, and Rex E. Buxton, Washington psychiatrist.

The awards banquet was presided over by Watson Davis, director of Science Service. A. C. Monteith, chairman of the Westinghouse Educational Foundation and vice president of the Westinghouse Electric Corporation, welcomed the winners and outlined the role of his company in the conduct of the Search. J. Robert Oppenheimer, director of the Institute for Advanced Study at Princeton, New Jersey, delivered the principal address.

The 40 trip winners were chosen

after a competition of top-ranking seniors in public, parochial, and private schools throughout the U. S. Entrants, representing all 48 states and the District of Columbia, totaled 13,500, of whom 2,245 completed the stiff science aptitude examination, submitted recommendations and scholarship records, and wrote an essay on "My Scientific Project."

The scholarships may be used at any college, university, or technical school of the winners' choice so that they may continue their training in science or engineering. Chosen on the basis of ability and aptitude alone, without regard to geographic distribution, the 40 scholarship winners come from 15 states.

Recently Received—

The Natural Resources Building on the University of Illinois campus, shared by the **Illinois State Geological Survey** and the **State Natural History Survey**, is being enlarged at a cost of \$1,765,000 by the addition of an east and west wing, which will double the space for both organizations. The Geological Survey has a separate Applied Research Laboratory for large scale work, built in 1940, at a cost of approximately \$150,000.

M. M. Leighton, chief of the Illinois Geological Survey, reports that the last General Assembly of the State of Illinois made appropriations for the current work of the survey in the amount of \$1,438,530 for 1949-1951—an increase of \$331,940 over the preceding biennium—and also authorized higher salaries for the scientific and technical staff.

In 1931 the survey was reorganized to comprise sections on geological resources, geochemistry, mineral economics, and an education extension division. Its work includes fundamental research as well as applied studies. Topographic maps have been prepared for ninety percent of the state. There are 125 full-time employees on the present staff, including 37 geologists, 12 chemists, 2 physicists, 3 engineers, 2 mineral economists, 9 supervisory assistants, and 33 research and technical assistants. Many students also work part time for the survey.