

development of the socialist society of the future." Iltis' devotion to the ideals of social democracy was based on his recognition of human need rather than upon doctrine. He would have found himself in close agreement with such founders of American democracy as Thomas Jefferson.

It was to be expected that Iltis, interested in science as a basis for democracy, and in genetics in particular, would oppose with all his strength the prostitution of science, and especially of genetics, by the German racists. He devoted most of the period from 1930 to 1938 to lecturing and writing on the race theories. He wrote three books, *Volkstümliche Rassenkunde* (1930), *Race in Science and Politics* (in Czech, 1935), and *Der Mythos von Blut und Rasse* (1935), containing Iltis' own introductory article, "*Der Rassismus im Mantel der Wissenschaft*," and two other articles by him under pseudonyms. At this time, when the power of the Nazis was rising and spreading, Iltis made no attempt to conceal his views and stood in the forefront of the intellectual opposition. Since he was himself of German descent, of a family long resident in Brünn, where his father had been the town physician, he knew that he would earn the hatred of the Nazis, not only as a moral and intellectual enemy, but as a "racial traitor" as well. It was of course these activities that forced him to leave the town and the work he loved so well just before Hitler's troops arrived in 1939. At the age of 57 he began a new life in the United States.

After coming to this country his chief activities were in teaching at Mary Washington College, and

especially in installing and building up the Mendel Museum there. The museum, an extension of one he had organized in Brünn, was based on some Mendeliana that Iltis had brought with him, with later additions illustrating some of the developments of modern genetics. In this, as in all his work, he was fortunate in having the collaboration of his wife, Anne Liebscher Iltis, who was first his student at the Volkshochschule in Brünn and later worked with him in building up the Mendel Museum, with which she now continues her connection.

Iltis' primary training was in botany, first in Brünn, later at Zürich as assistant to Dodel-Port, and then at Prague, where he took his doctorate under Molisch in 1903. His publications include, in addition to those on botanical subjects, others on natural history. He was the editor of *Flora Photographica* (Leipzig: Weigel), of which two volumes were published before the publishing house went out of business in 1933, and of *Studia Mendeliana* (Brünn, 1923).

In reviewing the life of a colleague and friend, one sees the essence of the scientific calling itself. On the table lie all the tangible remains of fifty years of hard and devoted work—the books, the bound volumes of scientific papers, the pamphlets, the unfinished manuscript of the book in progress. It is to this end that all must come. But one cannot judge the grist by the number of pages or the space occupied, because it is part of a larger whole that is maintained not merely by addition of facts and theories, but by the acquisition of a spirit in which courage, integrity, and devotion, like those of Hugo Iltis, are essential ingredients.

## News and Notes

**Harvey H. Bundy** has been elected chairman of the Carnegie Endowment for International Peace to replace **John Foster Dulles**. Mr. Bundy has been a trustee since 1948 and vice-chairman since 1951. He was a special assistant Secretary of War from 1941 to 1945.

**Kenneth E. Caster**, University of Cincinnati geologist and paleontologist, has been elected a member of the Swedish and Norwegian geological societies. He is also a member of the French society and of the Brazilian Academy of Science. Dr. Caster is president of the Paleontological Research Institute.

**Edward Sumner Elliott** will become assistant plant pathologist at West Virginia University on Mar. 1. Dr. Elliott has been serving in a civilian capacity with the Army Chemical Corps at Camp Detrick.

**Richard A. Kern**, professor of medicine and head of the department at Temple University School of Medicine and head of the Medical Service at the University Hospital, has been named chairman of the Panel on

Shipboard and Submarine Medicine of the RDB Committee on Medical Sciences.

**Thomas B. Magath**, chairman of the sections of Clinical Pathology and Biochemistry at the Mayo Clinic, has been made an honorary member of the medical faculty of the University of Chile, in recognition of his contributions to the field of parasitology.

**John R. Richards** has been named director of the Office of Research Service at New York University. The new office will coordinate, guide, develop, and promote research. Dr. Richards went to NYU from Washington, where he has been a special assistant for education to the Secretary of the Army.

**Charles H. Riesz** has been appointed to the staff of Armour Research Foundation of Illinois Institute of Technology to head project research in the area of catalysis, with particular reference to industrial applications.

**Martin C. Sampson**, instructor of medicine at the University of Pennsylvania School of Medicine and member of the Endocrine Section of University of Pennsylvania Hospital, has joined the Medical Staff of Smith, Kline & French Laboratories in Philadelphia. Dr. Sampson is on the staff of the Presbyterian Hospital, as well as the staff of the University of Pennsylvania Hospital.

**George W. Schmitz** has been appointed agronomist on the research staff of the Zonolite Company. Dr. Schmitz will conduct research in agricultural applications of vermiculite.

**Emil Schwarz**, of the Department of Hematology, Medical Research Institute, Michael Reese Hospital, has been made an honorary fellow of the International Hematological Society.

**Emilio Segre**, professor of physics at the University of California, Berkeley, has been awarded the Hoffmann Medal by the German Chemical Society. Given for the first time since before World War II, the medal is one of the high honors of German science. **Roger Adams**, organic chemist of the University of Illinois, and former AAAS president, also received a medal this year.

The Association of American Colleges has announced the retirement next June of its executive director, **Guy E. Snively**, 71. The association appointed a committee of college presidents to find a successor. Dr. Snively plans to remain a consultant in the field of higher education.

**Russell L. Sylvester** has been appointed manager of engineering and chief engineer of the Equipment Division of National Research Corporation. Mr. Sylvester has been with National Research since February. He was formerly the owner and manager of the Rollins Engine Co., of Nashua, N. H.

**Denis R. A. Wharton**, formerly of the Institute for Cancer Research at Fox Chase, Pa., has joined the Pioneering Research Laboratories of the U. S. Army Quartermaster Depot in Philadelphia.

**Richard H. Wilhelm**, professor of chemical engineering, Princeton University, has received the 1952 Professional Progress Award in Chemical Engineering, sponsored by Celanese Corporation of America and administered by the American Institute of Chemical Engineers. Dr. Wilhelm was cited "for his distinguished contributions to the theories and experimental data of fluid mechanics, mass and heat transfer, and reaction rates, and for his special applications of these theories to fluidized solid systems and to biochemical and textile processing."

**Abner Wolf**, professor of neuropathology at Columbia University College of Physicians and Surgeons, was presented with the annual United Cerebral Palsy-Max Weinstein Award for "outstanding scientific achievement" in the field of cerebral palsy at the third annual convention of United Cerebral Palsy.

## Education

**Marquette University** will establish a Kurtis R. Froedtert professorship in the Department of Surgery of the Medical School with a gift of \$10,000 from the Kurtis R. Froedtert Memorial Trust.

**New York University's** Division of General Education will present a series of lectures entitled "The Impact of Science on Contemporary Thought" during the spring term. Guest lecturers will speak on Monday evenings, Feb. 2 through May 25. The speakers will be Philipp G. Frank, who will be in charge of the program (two lectures), P. W. Bridgman, E. C. Kemble, I. A. Richards, K. W. Deutsch (two lectures), Herbert Feigl, R. K. Merton, Ernest Nagel, C. G. Hempel, John Clark, and Richard von Mises.

**Northwestern University** has granted leaves of absence to the following: Kenneth E. Olson, for the winter quarter, to accept a State Department appointment to set up a program of education for journalism in Greece and to complete research on the Greek and Italian press; Melville J. Herskovitz, for six months beginning Jan. 1, to do research in anthropology in Africa under a Fulbright award; Paul K. Hatt, Helmer R. Myklebust, and Frederick R. Schmidt, to do research; George H. Mickey, for the spring quarter, to act as a consultant at Oak Ridge National Laboratory; Paul E. Klopsteg, for the academic year, to continue with the National Science Foundation as assistant director.

**Oak Ridge School of Reactor Technology** will begin its 1953-54 session in September. Applications for admission must be submitted not later than *Mar. 1*. The school is open to recent graduates and to sponsored students from industry and from government agencies.

## Grants and Fellowships

The **Health Information Foundation** has appropriated \$275,000 for research "to determine the coverage and effectiveness of voluntary health insurance plans and indicate areas where extension of coverage and benefit provisions are required." The National Opinion Research Center, of the University of Chicago, under the direction of Clyde W. Hart, will conduct two studies in the program; a third study, which may continue through 1955, will require additional financing; the fourth study, which will seek data on family debts and their relationship to illness and medical costs, will be undertaken by HIF's own research staff, headed by Odin W. Anderson, and in consultation with Dr. Hart.

The **National Research Council of Canada** will award about 200 postgraduate scholarships for study in science and engineering during 1953-54. Most of the awards are tenable in Canadian universities, but there are some special scholarships, at \$1500 for 12 months, tenable outside Canada, and postdoctorate overseas

fellowships, at \$2500. Applications should be addressed to the council's Awards Officer, Ottawa.

The **Office of Naval Research Physiological Psychology Branch** has recently initiated new research projects at the School of Medicine, Washington University, where George H. Bishop is investigating the mechanisms of cortical activity in terms of action currents; and at Ohio State University, where Glenn A. Fry is investigating the effect upon normal color vision produced by the adaptation of the eye to selected wavelengths within the visual spectrum at various levels of stimuli intensity. ONR has also extended 14 projects already in progress.

**Sharp & Dohme** have awarded a one-year grant to the Utah Agricultural Experiment Station for the work of D. M. Hammond and M. L. Miner. Grants were also made to the Donner Laboratory of McGill University and the Royal Victoria Hospital, Montreal, in support of the work of Richard D. McKenna; and to Evans Memorial Hospital, Boston, for investigations by F. J. Ingelfinger and by Francis C. Lowell. The following renewals have been announced: Johns Hopkins University, for research by Bacon F. Chow; University of Wisconsin, for Elva S. and Roland K. Meyer; Western Reserve University, for L. O. Kramptiz; and University of Pennsylvania, for Marvin Carmack.

The **Wool Bureau**, on behalf of its affiliate, International Wool Secretariat, representing wool growers of the British Dominions, has renewed its support of the wool research program at the Textile Research Institute, Princeton, N. J.

## Meetings and Elections

The New Jersey Section of the **American Institute of Chemical Engineers** will hold its annual All Day Symposium May 5 at the Essex House, Newark. "Centrifuging" and "Catalysis" will be discussed at two symposia, and there will be a series of three papers on "Project Evaluation in the Chemical Industry."

At its annual meeting the **American Public Health Association** named Wilton L. Halverson, of San Francisco, president, and Hugh R. Leavell, of Harvard, president-elect. Kenneth F. Maxey, of the Johns Hopkins University School of Hygiene and Public Health, received the 1952 Sedgwick Memorial Medal "for distinguished service in public health."

The **American Society for the Study of Arteriosclerosis** has elected the following officers: president, Nelson W. Barker; vice president, Russel L. Holman; secretary-treasurer, O. J. Pollak. The next annual meeting will be held Nov. 1-2, at the Hotel Knickerbocker, Chicago. Louis N. Katz, Michael Reese Hospital, Chicago 16, is program chairman; deadline for abstracts is May 30.

Officers for 1953 of the **American Society of Zoologists** are: president, E. Newton Harvey, of Princeton; vice president, Libbie H. Hyman, of the American Museum of Natural History; secretary, S. Meryl Rose, of the University of Illinois; treasurer, Harry A. Charipper, of Washington Square College. The next meeting of the society will be held with Section F of the AAAS in Boston, December 1953.

The **Association of American Medical Colleges**, meeting in Colorado Springs, installed Ward Darley as president, and named Stanley Dorst president-elect. John Z. Bowers is the new vice president, and Dean F. Smiley and John B. Youmans are secretary and treasurer, respectively. The Borden Award in Medical Sciences was presented to William S. Tillett for his work in isolating streptokinase and streptodornase.

New officers of the **Association of Consulting Chemists and Chemical Engineers, Inc.**, are: president, Foster Dee Snell; vice president, A. Taub; secretary, Thomas P. Kearney; and treasurer, Percy E. Landolt.

The **Congreso Panamericano de la Prensa Médica** will meet in Buenos Aires July 12-16. At the same time there will be a **Semana de Alta Cultura Médica Europea** at the Facultad de Ciencias Médicas de Buenos Aires. Roque A. Izzo, Morris Fishbein, and Fred Soper are the congress vice presidents, and the headquarters are in the Biblioteca de Facultad de Medicina de Buenos Aires, Calle Uriburu 763.

The first **International Congress on Medical Librarianship** will be held in London during the week of July 20. Cecil Wakeley, president of the Royal College of Surgeons, has accepted the honorary chairmanship of the congress, and a number of honorary vice presidents have been appointed. Further information may be obtained from W. J. Bishop, Wellcome Historical Library, London, or L. Margueriete Prime, American College of Surgeons, 40 E. Erie St., Chicago 11.

The **Southern Association of Science and Industry** will hold a regional conference Apr. 20-21 in New Orleans. The program will focus attention on economic, technical, and social aspects of the problems of air and stream pollution. Harold R. Murdock, of Atlanta, is chairman of the planning committee.

A **Symposium on the Optical Problems of Vision** will be held at the Institute of Optics in Madrid Apr. 15-17. This program is sponsored by the International Union of Pure and Applied Physics, and is being planned by the Spanish National Committee of that union. It is timed so as to be part of the celebration of the 50th anniversary of the founding of the Royal Spanish Society of Physics and Chemistry. Chairman of the symposium will be J. A. Artigas, and the secretary will be J. M. Otero, director of the Institute of Optics. Invited papers will be presented by Drs. Granit, of Sweden; Le Grand, of France; Stiles, of England; and Wald of the U. S. Following the sym-

posium, the third regular congress of the International Commission of Optics will be held, also in Madrid. Further information on these meetings may be obtained from the chairman of the U. S. A. National Committee of the International Commission of Optics, Stanley S. Ballard, Tufts College, Medford 55, Mass.

## Miscellaneous

The AAAS-George Westinghouse Science Writing Awards of \$1000 each were presented to Alton L. Blakeslee, science editor for the Associated Press, and Morton M. Hunt, free-lance writer, at the Annual Meeting of the AAAS in St. Louis. Mr. Blakeslee's award was given for a series of four stories entitled "Visit to a Laboratory," published in Associated Press member-newspapers, and Mr. Hunt's was given for his article "Neurosis Factory," which appeared in *Esquire*. Honorable Mention citations were awarded to Milton and Margaret Silverman, for their article "So That's What Happens to Child Prodigies!" which appeared in the *Saturday Evening Post*, and to Charles A. Federer, Jr., for his story "Moon Films Aid Navigation Study of Atmosphere's Light Rays Effect," published in the *New York Times*.

The American Society of Mechanical Engineers made the following awards at its annual banquet: Daniel Guggenheim Medal, Geoffrey de Havilland; Alfred Noble Prize, Myron Tribus; ASME Medal, Nevin E. Funk; Holley Medal, Sanford L. Cluett; Worcester Reed Warner Medal, Max Jacob; Melville Medal, Neil P. Bailey; Junior Award, Warren M. Rohsenow; Richards Award, Jesse H. Davis; Pi Tau Sigma Gold Medal Award, Hubbert L. O'Brien.

Recent visitors at the Eastern Regional Research Laboratory, ARA, Philadelphia, were Odd Tvette, Ministry of Agriculture, Norway; K. E. Murray, Research Office, Scientific and Industrial Research Organization, Australia; and R. G. Tompkins, Ditton Laboratory, East Malling, England.

The Sidney Hillman Foundation prizes for newspaper and magazine reporting were awarded to Carl T. Rowan, of the *Minneapolis Tribune* for a series of articles dealing with race relations in the South, and to Arthur D. Morse, free-lance writer, for an article in *McCall's* entitled "Who is Trying to Ruin our Schools?" The prize for nonfiction was awarded to Alan Barth, of the *Washington Post*, for his book, *The Loyalty of Free Men*.

The International Council of Scientific Unions has set up an Abstracting Board for the purpose of facilitating the work of existing well-established journals publishing abstracts of original papers in the field of the natural sciences. Verner W. Clapp is chairman of the board, which is composed of Elmer Hutchisson, representing IUPAP; J. H. Awbery, representing *Science Abstracts*; G. Kersaint, representing *Bulletin*

*Analytique*; A. V. Hill, secretary-general of ICSU; and G. A. Boutry, secretary. L. H. Lampitt sits as an observer for the International Union of Pure and Applied Chemistry. Offices are at the Institut d'Optique, 3, Blvd. Pasteur, Paris, 15°, where work has already begun.

The new physics and engineering laboratories, which were recently opened by Frederick A. Lindemann at King's College, University of London, were constructed completely underground. Teaching and laboratory facilities have been provided in the two-story structure built between ground level and water table, and the old engineering building is being used as a laboratory for concrete technology. The Wheatstone Laboratory at King's College traces its beginnings back to 1831, although it was not until 1834 that Charles Wheatstone was appointed professor of experimental philosophy. Today, in addition to instruction and research in all phases of engineering and experimental physics, the laboratory sponsors an ambitious program in biophysics.

Recent visitors at the National Bureau of Standards included B. Ramamurti, Central Statistical Organization, India; Ferdinand Trendelenburg, Siemens-Schuckert Co., Erlangen, Germany; L. Escande, University of Toulouse; Yoshio Yamamoto, Isugami Mfg. Co., Tokyo; Patrick J. Rodgers, Overseas Communication Society, India; Hans Dreyer, Technische Hochschule, Darmstadt; Ole Soested, Danish Dental Association; N. W. Crisp, International Bank of Reconstruction and Development, and S. L. Bengtson, International Construction Company, London.

In memory of Guido Fubini, l'Unione Matematica Italiana will award an international prize in mathematics for important contributions in the field of differential geometry published between Jan. 1, 1946, and Dec. 31, 1953. Applicants should submit lists of such works to the president of the union before Mar. 31, 1954, but the awarding committee may also consider works published within the period by mathematicians who do not so apply. If there should be no suitable works in differential geometry, the committee may also grant the prize for contributions made in the same period to the theory of automorphic functions and related topics. The committee consists of Salomon Bochner, Princeton University; Charles Ehresmann, University of Strasbourg; and Alessandro Terracini, University of Turin.

In its 1952 Frontiers in Chemistry lecture program, Western Reserve University will present the following speakers in discussions of "Advances in Colloid Chemistry": Bruno H. Zimm, Feb. 27; Maurice Morton, Mar. 13; Samuel H. Maron, Mar. 27; Harry P. Gregor, Apr. 10; and Victor K. La Mer, Apr. 24. In the series on "Theoretical Organic Chemistry," the following will speak: George E. Kimball, Mar. 6; Peter E. Yankwich, Mar. 20; Charles Gardner Swain, Apr. 13; Robert B. Mesrobian, Apr. 17; and Henry Eyring, May 1.