special committee of scientists assembled for this purpose. Additional suggestions for significant Russian-language monographs are solicited by the National Institutes of Health from U.S. scientists.

Publication of a Russian-English medical dictionary and of a directory of Soviet medical and biological research institutes is also being planned.

Editor's note: Other organizations that conduct Russian translation programs are discussed on the editorial page of the 2 Nov. issue of Science.

News Briefs

■ Eleven staff members in the department of physics at Carnegie Institute of Technology, Pittsburgh, have issued a statement urging that this country seek an international agreement to end hydrogen bomb tests. At Yale University 13 scientists, including two department chairmen, also have urged a test ban. In recent weeks, such statements have been released by 11 groups of scientists [*Science* **124**, 925 (9 Nov. 1956)].

■ Seventy-six countries are represented at the UNESCO meeting that is under way in New Delhi, India. Stanley Allyn is head of the United States delegation to the conference, which is a plenary session that takes place every 2 years. It will end on 5 Dec.

■ The Japanese Government began its first uranium mining operation last month. Matsutaro Shoriki, chairman of the Japanese Atomic Energy Commission, touched off a charge of dynamite that officially opened work on developing deposits that were discovered at Okayama last year. Uranium deposits are also known to exist in western Honshu and in Tottori.

■ The U.S. Atomic Energy Commission has ready for distribution a tabulation of all the nuclear reactors built, building, or planned in the United States.

Scientists in the News

WILLIAM M. MANN, who has served for 31 years as director of the Smithsonian Institution's National Zoological Park, Washington, D.C., retired on 31 Oct. Mann began his government career in 1916 as an entomologist with the Bureau of Entomology, U.S. Department of Agriculture. He became director of the national zoo in 1925.

Under Mann's direction the zoo has become one of the best and most representative collections of living animals in the world. The physical equipment of the zoo also has steadily improved, and during Mann's administration four modern exhibition buildings have been added and others are planned.

Mann received his education at the State College of Washington, and Stanford and Harvard universities. At Harvard, where he earned his doctor of science degree, he studied under the renowned zoologist and teacher William M. Wheeler, and like Wheeler he has become an expert on ants. He has collected and studied ants around the globe, and only last year he presented to the Smithsonian Institution his huge personal collection of these insects, numbering more than 117,000 specimens.

Mann has made trips to many foreign lands to obtain live animals for the zoo's collection. For example, in 1926 he headed the Smithsonian-Chrysler expedition to East Africa, in 1937 a National Geographic Society expedition to the East Indies, and in 1940 the Smithsonian-Firestone expedition to Liberia. He has been particularly successful in obtaining rare species never before exhibited. Mann has writen many scientific papers, and his two books—*Wild Animals In and Out of the Zoo* and the autobiographical *Ant Hill Odyssey*—have brought his colorful life and work to a wide public.

Mann will continue his association with the Smithsonian in the capacity of honorary research associate, the institution's highest honorary scientific designation. THEODORE H. REED, of Portland, Ore., who has held the post of chief veterinarian of the zoo since July 1955, has been named acting director of the National Zoological Park.

The Leukemia Society, Inc., New York, has presented the Robert Roesler de Villiers awards, under the society's Contest III, to the following men:

LEON O. JACOBSON, "In recognition of his pioneer experiments on the beneficial influence of local tissue shielding on general hematologic recovery after external irradiation—a fundamental discovery concerning a therapeutic weapon of continuing value in human leukemia."

JOHN F. LOUTIT (F.R.C.P.), "In recognition of his elegant and conclusive demonstration that general hematologic recovery after total body irradiation is enhanced by bone marrow cell colonization, even from a different species—a discovery of potentially great significance in the therapy of human leukemia."

ELIAS COHEN, formerly research zoologist at the Samuel R. Noble Foundation Inc., Ardmore, Okla., has been appointed a senior cancer research scientist at the Roswell Park Memorial Institute, Buffalo, N.Y.

WILLIAM B. DINSMOOR, professor of archeology at Columbia University and honorary president of the Archaeological Institute of America, was honored recently by Dickinson College at a special convocation during which he received an honorary degree. He was recognized for his work in excavating and restoring important Greek ruins. The Greek Government has awarded him the Order of Military Merit for his help with excavations of the Athenian Acropolis and with the restoration of the Propyaea of Acropolis.

GLENN T. SEABORG, Nobel prize winner and director of chemical research, Radiation Laboratory, University of California, Berkeley, will receive the 1957 Perkin medal of the American Section of the Society of Chemical Industry. The medal will be presented at a dinner in the Waldorf-Astoria Hotel, New York, on 11 Jan. 1957. Seaborg is being honored for the industrial implications of his work in nuclear chemistry.

JOHN P. NIELSEN, chairman of the department of metallurgical engineering at New York University, College of Engineering, has gone to the U.S.S.R. to lecture and attend a conference on atomic energy in Moscow and to visit metals institutes and plants in other parts of the country. He was invited by A. M. Samarin, a Soviet expert on steelmaking and deputy director of the Institute of Metallurgy in Moscow.

The New York Academy of Medicine's 22nd series of Lectures to the Laity will be devoted to "Medicine in the contemporary scene." The program follows:

PAUL H. HOCH, commissioner, department of Mental Hygiene State of New York, "Chemistry in mental disease," 14 Nov.

LEONARD A. SCHEELE, president, Warner-Chilcott Laboratories, "The state of the nation's health problems and their solution," 28 Nov.

PASTEUR VALLERY-RADOT, professor of medicine, Faculty of Medicine, University of Paris, France, member of the French Academy, "The logical sequence of Pasteur's discoveries," 12 Dec.

FREDERICK J. STARE, professor of nutrition and head, department of nutrition, Harvard University School of Public Health, "Nutrition in relation to family life in America," 9 Jan.

BENJAMIN SIMON, director, Ring Sanatorium, Arlington Heights, Mass., "Hypnotism—fact and fancy," 23 Jan.

WILTON MARION KROGMAN, professor and chairman, department of physical anthropology, Graduate School of Medicine, University of Pennsylvania, "Sickness and society," 6 Feb.

The following scientists are serving as visiting professors at Princeton University this year:

Department of aeronautical engineering. NATHAN N. BUDISH of the Boeing Airplane Company and Consolidated Aircraft Company.

Department of architecture. MARIO G. SALVADORI, professor of civil engineering at Columbia University.

Department of art and archeology. ERWIN PANOFSKY of the Institute for Advanced Study at Princeton, N.J.

Department of economics and sociology. PAUL J. BOHANNON, lecturer in social anthropology at Oxford University (England).

Department of mathematics. MICHAEL G. BARRATT of Brasenose College, Oxford (England); IRVING KAPLANSKY of the University of Chicago; GILBERT A. HUNT, JR., of Cornell University; STEPHEN C. KLEENE of the University of Wisconsin; and ONORATO T. T. O'MEARA of the University of Orago (New Zealand).

Department of physics. JOHN M. BLATT of Sydney University (Australia) and IGAL TALMI of the Daniel Sieff Institute in Rehovoth (Israel).

MORTON TEICHER, formerly of the University of Toronto in Canada, is head of the newly established department of social work at Yeshiva University. The new unit has programs leading to the master of science and doctor of philosophy degrees. At Toronto Teicher was associated with the School of Social Work and the department of psychiatry.

A. ASHLEY WEECH, director of the department of pediatrics at the University of Cincinnati College of Medicine, and also director of Cincinnati Children's Hospital, has received the $1000 Borden award of the American Academy of Pediatrics. He was honored for his fundamental contributions to pediatrics and "for his inspirational qualities as a teacher and leader of research in numerous aspects of child health and welfare."

DANIEL SWERN, a research chemist at the U.S. Department of Agriculture's Eastern Utilization Research Branch at Wyndmoor, Pa., has received the John Scott medal award from the Philadelphia Board of City Trusts for his inventions of new industrial chemicals from surplus animal fats. The award, $1000 and a medal, was presented during a meeting of the Philadelphia section of the American Chemical Society. Swern's research has resulted in the use of fats in plastics, paints, wire insulating materials, textile processing, and other industrial products and processes. Millions of pounds of fats now go into these uses each year.

Seven scientists and two health organizations have been chosen as winners of the 1956 Albert Lasker awards. The awards are given annually for outstanding achievement in medical research and public health administration. Since the establishment of the award program 10 years ago, nine Lasker award recipients have later received Nobel prizes. The 1956 winners are as follows:

ALAN GREGG of Big Sur, Calif., retired vice president of the Rockefeller Foundation. Cited as "elder statesman to science as a whole," Gregg will receive a special Albert Lasker award for 40 years of service in the fields of public health, medical education, and research in this country and abroad.

JONAS E. SALK, director, Virus Research Laboratory, University of Pittsburgh, Pa., for "distinguished achievement in developing a safe and effective protection against poliomyelitis."

WILLIAM P. SHEPARD, vice president for health and welfare, Metropolitan Life Insurance Company, New York, N.Y., for "influencing the health of all Americans as a pioneering industrial health physician, health educator, and government adviser."

V. EVERETT KINSEY, assistant director of research, Kresge Eye Institute, Detroit, Mich., and ARNALL PATZ, ophthalmologist, Baltimore, Md., joint award for "distinguished achievement in discovering excessive oxygen administration to be the cause of retrolental fibroplasia in prematurely born babies."

KARL MEYER, professor of biochemistry, Columbia University College of Physicians and Surgeons, New York, and FRANCIS O. SCHMITT, professor of biology, Massachusetts Institute of Technology, joint award for "pioneering studies of the biochemical components of connective tissues, contributing to new understanding of arthritis and rheumatic diseases."

Food and Drug Administration, U.S. Department of Health, Education, and Welfare, Washington, D.C., group award for "a half-century of public service in safeguarding the American people against contaminated or misrepresented products, and achieving a deserved public confidence."

Medical Care Program of the United Mine Workers of America Welfare and Retirement Fund, Washington, D.C., group award for "brilliant and dedicated scientific planning which has created a model program of health services for a million and a half workers and their families in mining towns from Alabama to Alaska, including construction of a network of 10 modern hospitals."

The presentation took place on 15 Nov. at the 84th annual meeting of the American Public Health Association in Atlantic City, N.J. The individual winners received prizes of $1000, leather-bound citations describing their accomplishments, and gold statuettes of the Winged Victory of Samothrace, symbolizing victory over death and disease. Group winners received silver statuettes. The special award carried a stipend of $2500.

JOSEPH BALLAM, formerly a research associate at Princeton University, has been named associate professor of physics at Michigan State University.

HARVEY V. MOYER has been promoted to the chairmanship of the Ohio State University chemistry department. A member of the faculty since 1929, Moyer had served as acting chairman of the department since the resignation of the late Edward Mack, Jr., in 1955.

MELVIN CALVIN, professor of chemistry at the University of California, has been selected to deliver the annual Faculty Research Lecture for 1956–57. The lecture will be given next spring at Berkeley during the university's annual Charter Week observance. Calvin is the leader of a group of scientists who during the past decade have clarified the chemical process of photosynthesis. In citing this work, the Faculty Research Lecture Committee, which is headed by Edwin M. McMillan, Nobel laureate and professor of physics, said: "This intricate research must rank as one of the outstanding accomplishments of modern science and stands as an effective illustration of what can be accomplished through an ingenious utilization of a broad spectrum of the new scientific tools available today."

THOMAS G. DIGGES, a member of the metallurgy division at the National Bureau of Standards for 36 years, has been appointed assistant chief of the division. He will remain chief of the thermal metallurgy section.

HENRY W. SCHOENBORN of the University of Georgia has been appointed professor of zoology in the department of zoology at the University of Maryland.

JOHN D. STRONG, professor of experimental physics at Johns Hopkins University, has been awarded the Frederic Ives medal of the Optical Society of America "for distinguished work in optics." Strong has pioneered in the study of spectra of planetary atmospheres and has contributed to the extension of astrophysical measurements from the visible region, in which work has largely been concentrated, to longer wavelengths of the spectrum, including the far infrared.

WILLIAM F. MALONEY, assistant dean of the University of Minnesota school of medicine, has been appointed dean of the school of medicine at the Medical College of Virginia in Richmond, effective 1 Jan. 1957.

Recent Deaths

LESLIE H. BACKER, Summit, N.J.; 71; professor emeritus and former head of the departments of chemistry and chemical engineering at Stevens Institute of Technology; 27 Oct.

CARL EGGERS, New York, N.Y.; 77; former clinical professor of surgery at Columbia University and New York University; 24 Oct.

LOUIS FINDLAY; 44; chief of the health division of the United Nations' Relief and Works Agency for Palestine Refugees in the Middle East; 26 Oct.

NILS B. HERSLOFF, Coxsackie, N.Y.; 55; former instructor in clinical psychiatry at Columbia University; 25 Oct.

CHARLES S. JOHNSON, Nashville, Tenn.; 63; president of Fisk University; 27 Oct.

JOHN H. PARKER, Milwaukee, Wis.; 65; former professor of plant breeding at Kansas State College; 27 Oct.

MARION E. L. RICHARDS, New York, N.Y.; 62; retired assistant professor of botany at Barnard College; 26 Oct.

RUDOLPH J. SHAFER, Corning, N.Y.; 63; director of the Steuben County Laboratories; 29 Oct.

ALAN G. SLOCOMBE, Lexington, Mass.; 37; neurophysiologist at the Worcester Foundation for Experimental Biology; 18 Oct.

ARTHUR E. WATSON, Providence, R.I.; 91; professor emeritus of engineering at Brown University, who designed the electrical plant for the dirigible Shenandoah; 29 Oct.

Education

■ The seven high-school teachers who are this year's representatives of the Oak Ridge Traveling Science Demonstration Lecture Program are visiting schools throughout the nation in 1957 station wagons that have been provided through the courtesy of the Ford Motor Company. The ORINS University Relations Division is administering the traveling teacher program for the National Science Foundation in cooperation with the Atomic Energy Commission. The purpose of the plan is to stimulate interest in science and science-teaching careers.

During the course of the school year, the seven teachers will visit high schools in their assigned districts, spending a week at each. At every school, the traveling teacher will give special lectures and demonstrations before science classes. These sessions are designed to provide, simply and graphically, up-to-date information in many fields of science, from elementary chemistry to the principles of space travel.

During the visit, the teacher will also hold sessions and consultations with the science staff and other faculty members as a means of improving the teaching techniques.

The teachers will carry with them more than 800 pounds of demonstration equipment that they designed and built during a summer training period at Oak Ridge. Among the items, constructed to show students and science teachers the feasibility of making inexpensive apparatus, are an x-ray machine that cost $2.50 and a home-made Geiger counter assembled for less than $10.

The teachers expect to visit between 200 and 250 high schools in the 48 states and the District of Columbia during the present school year. Then they will return to Oak Ridge for preparation of final reports on their activities and discussion of ways and means to improve the program in the future.

■ New York University–Bellevue Medical Center has dedicated a new laboratory in honor of the late Joseph Goldberger. The laboratory will be used for the investigation of nutritional and metabolic diseases.

Goldberger, who died in 1929, was one of the university's most distinguished medical alumni. He devoted almost all of his life to research in the U.S. Public Health Service. His work resulted in the identification of pellagra as a nutritional disease that is preventable by proper diet.

■ An investigation of what is known about persons who want to become scientists has been begun by a research team from Teachers College, Columbia University. The team will examine the work that has been done in the field. It will summarize its findings in December and prepare a report in February.

Under a $20,000 grant from the National Science Foundation, the team will seek to furnish a guide for the financing of more important research projects in the choice of scientific careers. The directors of the project are Donald E. Super and Paul B. Bachrach of the department of psychological foundations and services at Teachers College.

■ Cornell University will receive a gift of a new civil engineering building. The donor is Spencer T. Olin, class of 1921. He has announced the gift in honor of his father, the late Franklin W. Olin, a civil engineering graduate in 1886.

Grants, Fellowships, and Awards

■ The National Academy of Sciences–National Research Council administers the following fellowship programs: Donner fellowships for medical research, Markle fellowships in the medical sciences, National Research fellowships in the medical sciences, and James Picker Foundation fellowships in radiological research. These awards are available to holders of M.D., Ph.D. or Sc.D. degrees who are not over 35 years of age. The basic stipend is $3800, with family and travel allowances. All but the Picker fellowships are limited to citizens of the United States and Canada. The deadline date for receipt of applications is *1 Dec. 1956*. Application material may be obtained from the Division of Medical Sciences, National Academy of Sciences–National Research Council, 2101 Constitution Ave., NW, Washington 25, D.C.

The Merck senior postdoctoral fellowships are also administered by NAS-NRC. These are available to U.S. citizens only, but there is no age restriction. Applicants must have had training in biology or chemistry equivalent to the Ph.D. degree and have had at least 3 years of postdoctoral professional experience. The stipend ranges up to $6000, as determined by the Fellowship Board. The deadline date for receipt of applications is *15 Jan. 1957*. Application material may be obtained from the NAS-NRC Fellowship Office. In addition, the Academy-Research Council receives applications, evaluates, and makes recommendations for the award of postdoctoral resident research associateships that are administered by Argonne National Laboratory, Lemont, Ill.; Oak Ridge National Laboratory, Oak Ridge, Tenn.; the National Bureau of Standards, Washington, D.C., and/or Boulder, Colo.; and the Naval Research Laboratory, Washington, D.C. These fellowships are available to holders of Ph.D. or Sc.D. degrees for advanced training in various branches of biological, physical and mathematical sciences. The gross stipends range up to $7035 (subject to income tax). The deadline date for receipt of applications is *11 Jan. 1957*. Application material may be obtained from the NAS-NRC Office of Scientific Personnel.

Similarly, the NAS-NRC assists the National Science Foundation with the following fellowship programs, which are available to U.S. citizens and are awarded on the basis of ability only. NSF graduate awards are available to individuals studying for either masters' or doctoral degrees. The stipend is $1600, $1800, or $2000, and the deadline date for receipt of applications is *24 Dec. 1956*. Application material for