Vladimir Sergeyevich Rusinov, head, department of physiology and pathology of the nervous system, Institute of Neurosurgery of the U.S.S.R. Academy of Medical Sciences; and Vasiliy Vasil'yevich Zakusov, director of the Institute of Pharmacology and Chemotherapy of the U.S.S.R. Academy of Medical Sciences.

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Federal funds totaling $6 million were allocated in February by U.S. Commissioner of Education Lawrence G. Derthick to 1227 colleges and universities in all 49 states, the District of Columbia, Hawaii, and Puerto Rico for the establishment of National Defense Student Loan Programs. With the allocation of these funds, the total amount thus far appropriated for student loans, all nine basic programs authorized by the National Defense Education Act are now in operation.The act was signed by President Eisenhower last September.

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The British Museum passed its 200th anniversary on 15 January. There was no celebration, and the museum staff carried on as usual, cataloging its daily inflow of 1500 publications to be added to the library's some 6 million books.

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A "Report to the Nation" summarizing the progress made during the past 10 years against heart and blood vessel diseases was delivered in Washington on 19 February by the American Heart Association and the National Heart Institute. The report took the form of a review of advances in the cardiovascular field by six eminent physicians and scientists: Howard B. Sprague, Boston; Paul Dudley White, Boston; Irvine H. Page, Cleveland; Robert W. Wilkins, Boston; Michael E. DeBakey, Houston; and Robert W. Berliner, Bethesda, Md.

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The fourth annual Thomas Alva Edison Foundation Awards for Children's Books included the following in science: *Science in Your Own Back Yard,* by Elizabeth K. Cooper (Harcourt Brace & Co.), as the best children's science book; and *Elements of the Universe,* by Glenn T. Seaborg and Evans G. Valens (E. P. Dutton & Co.), as the best science book for youth. Each winning author received a prize of $250 and the winning publishers received an Edison scroll.

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The British Atomic Energy Authority plans to build a research station exclusively devoted to the study of thermonuclear power. It will probably be situated near the central atomic research station at Harwell, 50 miles west of London. The original intention was to carry out advanced thermonuclear studies in Winfrith, a deserted rural area 125 miles southwest of London where atomic power specialists already are investigating high-temperature, uranium-burning reactors. Apparently this plan has been abandoned. It is reported that atomic scientists are unwilling to work at Winfrith.

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The track of Russia's Sputnik II, or Earth Satellite 1957 Beta, between 1 April 1958 and 14 April 1958, the day of its disintegration, is traced in an Air Force report just released through the Office of Technical Services, U.S. Department of Commerce.

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A total of 142 secondary schools, both public and private, in the 49 states are offering courses in the Russian language to about 2400 students, according to a recent survey. There are more than 28,000 secondary schools in the nation, enrolling over 8 million students. The study was made by the National Information Center on the Status of Russian in United States Secondary Schools, located at Brooklyn College. The center was established last May as a result of a conference sponsored by the Modern Language Association of America.

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The Indian Institute of Science, Bangalore, India, is celebrating its Golden Jubilee in 1959. The President of India opened the anniversary year at an inaugural function in February. The institute, the first of its kind to be established in India, has been a pioneer in advanced instruction and research in pure as well as applied sciences.

Grants, Fellowships, and Awards

Bio-sciences. The Sloan-Kettering Division of Cornell University Graduate School of Medical Sciences, New York, has announced a limited number of new special fellowships for study toward the Ph.D. degree in biology, biochemistry, or biophysics. These fellowships are primarily intended for recent baccalaureates, although candidates with some graduate training may also apply. The program is designed to develop scientists of unusual promise for original investigative work in the above fields. Students will have special opportunity to become acquainted with varied phases of the broad research program of the Sloan-Kettering Institute. Each fellowship includes full tuition and fees and a stipend of $3000 per annum. For details, write to the Office of the Director, Sloan-Kettering Division, Cornell University Graduate School of Medical Sciences, 410 E. 68th St., New York 21, N.Y.

NATO postdoctoral. The Department of State and the National Science Foundation have announced that the foundation has agreed to administer the selection of United States recipients of fellowships in a program recently established by the North Atlantic Treaty Organization. The new NATO program will provide post-doctoral fellowships in science for citizens of the NATO countries. The awards are designed to encourage further study in the sciences abroad. For this year, 20 fellowships will be given to United States citizens.

Awards will be made in the mathematical, physical, and engineering sciences, medical and biological sciences, including anthropology and psychology (excluding clinical psychology); and in selected social science fields. Included, as well, are interdisciplinary fields which overlap two or more scientific disciplines.

In view of the sponsorship and objective of the program, recipients are expected, in nearly all cases, to study abroad in a country that is a member of the NATO community. However, awards are not entirely restricted to study in a NATO country, and consideration will be given to those planning study elsewhere.

Evaluation and selection of candidates will be solely on the basis of ability. Applications will be evaluated for the National Science Foundation by panels of scientists appointed by and meeting under the auspices of the National Academy of Sciences–National Research Council.

Stipends for NATO fellowships will be $4500 for the full year and $3375 for the academic year. Limited round-trip travel and dependency allowances will be provided.

Applications and detailed information may be obtained from the Fellowship Office, National Academy of Sciences–National Research Council, 2101 Constitution Ave., N.W., Washington 25, D.C. Fellowship applications must be received by the NAS–NRC *by 30 March.* Awards will be announced on 12 May.

Social work. Students attending any approved graduate professional school of social work that offers a medical social field work placement are eligible for scholarships provided by the National Foundation. The student must be accepted for admission by a school accredited by the Council on Social Work Education but may file application for a scholarship pending acceptance for admission to the school. Deadline for filing applications is *1 April.* The student must have the intention of including the medical social field work placement in his educational program and of completing his study for the master's degree. Scholarships are ordinarily offered for the final year of the graduate program, but a few scholarships are awarded to well-qualified students for both years.

Applicants must be citizens of the United States or have filed a petition for naturalization. The age limit is 38.

Scholarships awards are based on the

needs of students and will ordinarily include assistance for maintenance and for tuition. No allowance for fees will be made. Selection of successful applicants will be made by a scholarship committee composed of appointed members of the National Association of Social Workers, Medical Social Work Section.

A new scholarship program for students entering the junior year of college and planning to prepare for medical social work has also just been announced. For information about this program, students should consult the dean of the college or university they are attending. For further information on either program, write: The National Foundation, Department of Professional Education, 800 2nd Ave., New York 17, N.Y.

Scientists in the News

WILLARD F. LIBBY, commissioner on the five-member Atomic Energy Commission, recently submitted his letter of resignation to President Eisenhower. Libby, the only scientist on the commission, will have completed 3 years of his term by 30 June. Before being appointed to a full term on the commission, he served 2 years to complete the unexpired term of physicist Henry deWolf Smyth.

Libby has indicated that he intends to return to teaching. Formerly, he was at the University of Chicago's Institute for Nuclear Studies and taught in the university's chemistry department. Libby, who is opposed to the cessation of nuclear tests, has been a spokesman for the AEC in the controversy over weapon testing.

The Wagner Free Institute of Science, Philadelphia, has scheduled a lecture series under its Westbrook Free Lectureship on the general topic "Evolution: from the Cosmos to Man." The following scientists will participate: 2 April, HARLOW SHAPLEY, "The evolution of the material universe"; 9 April, CONWAY ZIRKLE, "How plants and animals evolve"; 16 April, WILLIAM L. STRAUS, JR., "The evolution of man." This series was begun in 1912 and provides three lectures each year by prominent scientists. The original endowment was established by Richard B. Westbrook.

ABRAHAM STONE, director of the Margaret Sanger Research Bureau, New York, left in early February on a trip around the world in connection with the problems of population and family planning.

PAUL W. McDANIEL, deputy director of the Division of Research of the Atomic Energy Commission, has been chosen by the National Civil Service League as one of the ten top career men in the Federal Government for 1959. The league is a nonpartisan organization of "citizens for better government through better personnel." McDaniel was selected to receive one of the league's fifth annual Career Service awards because of his competence, efficiency, character, and continuity of service.

HUBERTUS STRUGHOLD, professor of space medicine at the Air Force School of Aviation Medicine, Randolph Air Force Base, Tex., has been named the 1958 winner of the Dr. John J. Jeffries Award of the Institute of the Aeronautical Sciences for his outstanding contributions in space and aviation medicine research. Often called "the father of space medicine," Strughold was the first scientist to define specific areas to be investigated in space medicine and the first to give a comprehensive definition of space and space equivalency, Further, he was the first chief of the School of Aviation Medicine's department (now division) of space medicine. The award was presented at a dinner on 26 January at the Astor Hotel, New York.

MARTIN LINDAUER of the University of Munich, Germany, has been appointed Prather lecturer in biology for 1958–59 at Harvard University. He will present a series of lectures on the evolution of social communication among bees, 9–21 April.

STUART S. STEVENSON, acting chairman of the department of pediatrics at the University of Pittsburgh School of Medicine, has been appointed professor and chairman in the department of pediatrics at Seton Hall College of Medicine.

E. WILLARD BERRY, professor of geology at Duke University, has left for Australia, where he will conduct a study of coals from April until July. He will return to this country early in September.

Queen Elizabeth named the following scientists and others associated with scientific work in the New Year Honours list:

Baronet: KENNETH W. M. PICKTHORN, during 1935–50 member of Parliament for the University of Cambridge, for political and public services.

Companion of Honour: Sir JOHN BEAZLEY, emeritus professor of classical archeology, University of Oxford, for services to scholarship.

Knights: ALEXANDER W. G. EWING, director of the department of education of the deaf, University of Manchester; STUART GILLETT, until recently chairman of the Tanganyika Agricultural Corporation; HENRY R. F. HARROD, university lecturer in economics, University of Oxford; REGINALD P. LINSTEAD, rector of the Imperial College of Science and Technology, University of London; DOUGLAS W. LOGAN, principal of the University of London; KELVIN T. SPENCER, chief scientist, Ministry of Power; ARTHUR P. THOMSON, professor of therapeutics and dean of the Medical School, University of Birmingham.

Knight Commander in the Order of the British Empire: ALBERT E. AXON, chancellor of the University of Queensland, for public services; GEORGE W. H. GARDNER, director of the Royal Aircraft Establishment, Farnborough; MARCUS L. E. OLIPHANT, director of the School of Research in Physical Sciences, National University, Canberra, Australia; GEOFFREY S. PEREN, principal of Massey Agricultural College, New Zealand; Sir GEORGE WILSON, chairman of governors, West of Scotland Agricultural College.

Companion of the Bath: Air Commodore R. H. E. EMSON, director of air armament research and development, Ministry of Supply; W. B. LITTLER, director-general (scientific research, munitions), Ministry of Supply; J. W. STORK, director of studies, Britannia Royal Naval College, Dartmouth; A. A. PART, under-secretary, Ministry of Education.

Companion of St. Michael and St. George: T. H. SEARLS, until recently director, Universities and Adult Education Department, British Council; H. C. WEBSTER, professor of physics, University of Queensland, for services to the Federal Government of Australia.

Commander in the Order of the British Empire: MURIEL E. BELL (Mrs. Hefford), nutritionist to the Department of Health and supervisor of Nutrition Research Department, Medical Research Council, New Zealand; M. M. BURNS, director of Canterbury Agricultural College, Christchurch, New Zealand; W. A. S. BUTEMENT, chief scientist, Department of Supply, Australia; M. COOK, chairman of the metals division, Imperial Chemical Industries, Ltd.; I. J. CUNNINGHAM, superintendent of the Animal Research Station, Wallaceville, New Zealand; I. DE BURGH DALY, until recently director of the Institute of Animal Physiology, Babraham, Cambridge; Capt. N. FAWCETT, H.M. chief inspector of explosives, Home Office; P. T. FLETCHER, deputy managing director, Industrial Headquarters, Atomic Energy Authority, Risley; T. A. LANG, associate commissioner, Snowy Mountains Hydro-Electric Authority, Australia; A. B. LILLEY, medical director of the Cancer Council, New South Wales; S. C. LONGHURST,