ested: type of curriculum, geographical area, vocational goal, sex, and so forth. During the first year some sponsors specified scholars who proposed to study science or engineering. About 11 percent of the scholarships were restricted to students planning to study science or engineering; more than half of the merit scholars intend to enter such fields.

Sponsors will be given as much publicity as they desire with regard to their individual program and are assured of having their names scrupulously associated with all payments to the scholar and to the college. Some sponsors wish primarily to help the colleges—almost half of the contribution from the sponsor goes to the private college as an unrestricted gift, in the name of the sponsor.

The 1956 annual report provides complete information on the background of participants, institutions attended by merit scholars, distribution of stipends, career choices of scholars, list of corporation sponsors, and so forth. Some 36 firms are already participating in the activities of NMSC and other firms who are interested in helping to provide scholarship funds to worthy students are invited to confer with the National Merit Scholarship Corporation, 1580 Sherman Ave., Evanston, Ill.

## Lalor Faculty Awards in Biology

The principal award of the Lalor Foundation for the summer of 1957 is to Olov Lindberg of the Wenner-Gren Institute of Stockholm, Sweden, who has accepted the invitation of the Marine Biological Laboratory at Woods Hole, Mass., to be the senior Lalor fellow there. One Canadian, two Englishmen, one German, and one New Zealander have also received awards for biological research at institutions in the United States; and one Canadian and five United States citizens will be working similarly, part or full time, in other countries.

The other 30 faculty summer biology research awards go to 13 United States citizens who will be working at their home institutions, and 17 who will be carrying out their programs elsewhere in this country. In connection with the latter group, there are 12 research people who have been accepted for work at the Marine Biological Laboratory at Woods Hole, this being the largest number at any one institution.

The appointments cover a wide range of biological interest: there are 14 awards in biochemistry, nine in botany, five in microbiology, and 13 in physiology. The awards total approximately $49,000.

The appointments to the regular summer research awards all have been to faculty members at the instructor, assistant professor, or associate professor level. The distribution of appointments shows 16 percent from tax-supported institutions and 84 percent from privately supported universities and colleges. This contrasts with the previous year, when the appointments were nearly evenly divided.

## Allergy Fellowships

The American Foundation for Allergic Diseases has announced the availability of three 2-year fellowships in research and clinical allergy. These awards carry a stipend of $4500 for the first year, $4750 for the second, and a total of $750 for laboratory and travel expenses during the 2-year period. The funds for these fellowships have been made available by John D. Rockefeller, Jr., in a grant to the foundation.

It is the hope of the foundation that the recipients will be stimulated to enter the field of research in allergy and will be equipped to teach others. Unlike the usual procedure, the foundation has established single fellowships with three investigators eminently qualified to teach the principles and techniques of scientific method in this field and in institutions where adequate clinical facilities exist. Applicants should apply directly *by 10 May* to one of the following investigators, who will make the final selection: Dr. Frederick G. Germuth, Jr., Associate Professor of Pathology, Johns Hopkins University Medical School, Baltimore 5, Md.; Dr. Colin M. MacLeod, Professor of Research Medicine, University of Pennsylvania, 820 Maloney Clinic, 36th and Spruce Streets, Philadelphia 4, Pa.; or Dr. Herman N. Eisen, Professor of Medicine (Dermatology) Washington University School of Medicine, Saint Louis, Mo.

## Waterman Renominated NSF Head

Alan T. Waterman has been renominated by President Eisenhower for a second 6-year term as director of the National Science Foundation. Waterman's name was sent to the Senate for confirmation on 1 Apr. He was sworn in as first director of NSF on 6 Apr. 1951.

## Reactor Exports

The U.S. Atomic Energy Commission has filed notice of proposed issuance of licenses for the export of two research reactors to the Danish Atomic Energy Commission. Applications for the licenses have been filed by the Foster Wheeler Corporation of New York and Loretz and Company of Los Angeles, Calif. Both reactors will go to the nuclear research center being developed by the Danish Government near Roskilde, about 20 miles west of Copenhagen.

Foster Wheeler plans to ship a 5000-kilowatt tank-type reactor. Loretz and Company will send a solution-type reactor, built by Atomics International of Canoga Park, Calif., that operates at a power level of 500 watts.

The AEC has also announced that it has issued a license to AMF Atomics, Inc., of New York for the export of a research reactor to West Germany.

## Detectolab, Inc.

Detectolab, Inc., formerly a Chicago, Ill., affiliate of the Borg-Warner Corporation, has been consolidated into BJ Electronics, Borg-Warner's electronics division in Santa Ana, Calif. Detectolab manufactures four major types of nuclear instruments. Ray Weiland, one of the original founders of Detectolab, Inc., will serve as Detectolab product manager at BJ Electronics.

## French Scientific Bibliographies

The French Cultural Services will publish bibliographies of French scientific works. The first, which covers the years 1951–53, is now available and will be distributed free of charge.

## Proposed Legislation

Of the many bills introduced in Congress, some have a special relevance to science and education. A list of such bills introduced recently follows:

S 724. Provide for scientific study and research program for purpose of developing increased and additional industrial uses of agricultural products to reduce surpluses of such products and to increase income of farmers. Capehart (R Ind.) *et al.* Senate Agriculture and Forestry.

HR 3374. Encourage expansion of teaching and research in education of mentally retarded children through grants to institutions of higher learning and to state educational agencies. Cunningham (R Iowa) House Education and Labor.

HR 3485. Amend Public Health Service Act to provide for research and investigation *re* cause, prevention, and treatment of multiple sclerosis and related neurological diseases. Hoeven (R Iowa). House Interstate and Foreign Commerce.

HR 3516. Authorize Walter Reed Army Institute of Research to award

master of science, master of public health, and doctor of science degrees in medicine, dentistry, veterinary medicine, and the biological sciences involved in health services. Bates (R Mass.) House Armed Services.

HR 3238. Provide for extension of terms of patents where use, exploitation, or promotion thereof was prevented, impaired, or delayed by causes due to war, national emergency. Keeney (R Ill.) House Judiciary.

HR 3377. Promote national defense by authorizing construction of aeronautical research facilities and the acquisition of land by National Advisory Committee for Aeronautics necessary to the effective prosecution of aeronautical research. Durham (D N.C.) House Armed Services.

HR 3419. Authorize contributions to colleges and universities to provide buildings for instruction in military science. Van Zandt (R Pa.) House Armed Services.

S Res 55. Examine administration of Patent Office and statutes *re* patents, copyrights, and trademarks. Eastland (D Miss.) Senate Judiciary.

HR 3388. Amend Communications Act of 1934, to direct Federal Communications Commission to provide for licensing of television reflector facilities and VHF translator facilities. Horan (R Wash.) House Interstate and Foreign Commerce.

HR 3424. Create a Department of Transportation and Communications and prescribe its functions. Younger (R Calif.) House Government Operations.

HR 3394. Relating to certain inspections and investigations in metallic and nonmetallic mines and quarries (excluding coal and lignite mines) for purpose of obtaining information *re* health and safety conditions, accidents and occupational diseases therein. Kelley (D Pa.) House Education and Labor.

HR 3237. Authorize state of Illinois and Metropolitan Sanitary District of Greater Chicago, under direction of Secretary of Army, to test, on a 3-year basis, the effect of increasing the diversion of water from Lake Michigan into the Illinois Waterway. Keeney (R Ill.) House Public Works.

## Scientists in the News

ALAN T. WATERMAN, director of the National Science Foundation, has received the first annual Captain Robert Dexter Conrad award of the Office of Naval Research. The award has been established to recognize outstanding technical and scientific achievements in research and development for the Navy. It is named for Captain Conrad, who, as first head of the Planning Division of ONR, was the primary architect of the Navy's basic research program.

The citation, signed by the Secretary of the Navy, reads as follows:

"For your outstanding contribution to the organization and long-range scientific objectives of scientific research administration in the Navy. For your vision and leadership in the successful establishment of new concepts and programs in Naval Science. For your personal and exemplary dedication to the building of a solid foundation for the role of the Office of Naval Research in the modern Navy, thereby creating a permanent benefit to the National Defense."

Waterman joined ONR in 1946 at its inception. Under his guidance and leadership, ONR became a laboratory for developing effective relationships and procedures between Government and science. His reputation for integrity and his forthright views on freedom of scientific direction, coupled with his standing in the scientific community, silenced scientists' fears that Government support would mean a loss of scientific freedom. This pioneering work in Government-science relationships has resulted in an expansion of scientific support by other Government agencies.

Waterman also realized the great need for scientific manpower, and the ONR contract research program emphasized advanced technical training and assistance to graduate students. The transition of the scientific and technologic potential of ONR from wartime development to peacetime research was smoothly accomplished under Waterman's direction.

MYRON G. DEFRIES, formerly chief of the test section at the Army Prosthetics Research Laboratory in the Walter Reed Army Medical Center, Forest Glen, Md., has joined the chemistry division of the Atlantic Research Corporation, Alexandria, Va. He will be concerned with polymer chemistry research in connection with the company's solid propellant rocket fuel projects.

JAMES B. CONANT, chemist, former president of Harvard University, and recently ambassador to the Republic of Germany, will undertake a study of some of the problems of the comprehensive high school in the United States. The Carnegie Corporation of New York will support his research.

Conant, who will be assisted by several coworkers, is now making plans for the work, which he expects to start next fall. He will be particularly interested in the education of the more talented youth of the community. He expects to turn for advice to the Educational Testing Service, the National Education Association, and the American Council on Education.

MARION A. BLANKENHORN, professor emeritus of the College of Medicine, University of Cincinnati, has been appointed director of education in the department of internal medicine of the Jewish Hospital, Cincinnati, Ohio. Blankenhorn, who has done work in pathology for the Rockefeller Institute, is a regent and former governor of the American College of Surgeons.

WLADIMIR PHILIPPOFF, principal scientist at the Franklin Institute Laboratories for Research, has been appointed chief of the rheology section that was recently established in the chemistry and physics division of the laboratories. A member of the staff since 1952, Philippoff has been engaged in research on rheological and structural properties of colloids and polymers and in the development of new methods for measuring the mechanical properties of such materials.

Philippoff was a member of the staff of the Kaiser Wilhelm Institute of Chemistry for 15 years before he came to the United States in 1948. His publications include a book entitled *Viskosität Der Kolloide,* which has been used widely as a definite treatment of viscosity.

Z. I. KERTESZ, professor of chemistry in the department of food science and technology at the New York State Agricultural Experiment Station, Cornell University, Geneva, has been granted a sabbatical leave to allow him to serve as food technologist on a military nutrition survey in Turkey. The 3-month survey will start in April and will be under the joint auspices of the Turkish Government and the U.S. Interdepartmental Committee on Nutrition for National Defense.

WILLIAM F. HEWITT, professor of physiology and acting chairman of the division of the basic sciences at Des Moines Still College of Osteopathy and Surgery, has accepted the position of director of pharmaceutical information in the research laboratories of Mead Johnson and Company in Evansville, Ind., effective 1 Apr.

Outstanding research achievements earned Borden awards of a gold medal and $1000 for each of nine American scientists during 1956. The winners, to whom the awards have already been presented, are named in an annual directory just released by the Borden Company Foundation. The 1956 recipients and the administering groups are as follows:

SAM R. HOOVER, assistant executive director, President's Commission on Increased Industrial Use of Agricultural Products, for studies relating the prop-