roles to play and also should provide advisory services to the Foundation."

These agencies and ICO itself (or any successor coordinating body) would be consulted by NSF, according to the Pell bill. Moreover, a national advisory council appointed by the President from among private citizens prominent in marine science and technology would advise the Foundation on policy matters as well as on who should receive grants and contracts.

Although ICO as a whole wants NSF to administer the program, not all the agencies represented on ICO would be pleased to see the Foundation take on the entire task. For example, Thomas F. Bates, science adviser to the Secretary of Interior, told the Pell subcommittee that, while NSF should increase its support of basic research and scientific education in oceanography, major responsibility for programs aimed at exploiting ocean resources should be vested in the Interior Department. Senator Pell was later moved to observe: "I can see a certain avariciousness on the part of the government agencies in handling a program that looks to have the potential for growth that this has."

The sea-grant idea is still a long way from being translated into law, but the amount of interest shown in it perhaps justifies Pell's optimistic mood. The fact that Pell—up for reelection this year—is pushing the sea-grant legislation is itself reason for taking it seriously. Though not one of the Senate's luminaries, Pell has shown a doggedness in his legislative pursuits that on several occasions has paid off. For example, he was the principal Senate sponsor of the Arts and Humanities Foundation bill and the Northeast Corridor Transport Project legislation, both passed by Congress last year.

With continued cultivation and some luck the sea-grant college concept may, a decade hence, be on its way to proving as useful for the development of marine resources as the land-grant college concept has been in fostering improvements in agriculture.

—LUTHER J. CARTER

Announcements

Boston University offers an M.S. program in **science communication** for persons with the bachelor's degree in the physical, biological, or medical sciences, engineering, or mathematics. The program will begin in September, with enrollment limited to about 10 for the first year. It will consist of two semesters of academic work in science and communications areas, followed by a 3-month summer internship with an organization outside the university, and a third semester for preparation of a publishable thesis. Additional information and applications are available from the Admissions Officer, School of Public Communication, Boston University, 640 Commonwealth Avenue, Boston, Massachusetts 02215.

The Moravian Museum, Brno, Czechoslovakia, requests assistance in collecting documents on **Gregor Mendel** and on the history and present state of genetics. Last year the museum's department of genetics opened an exhibition hall honoring Mendel. Thus far, the hall contains a permanent exhibition on the geneticist's life and some papers on his work. Now the museum wants to expand the hall to include reprints, books, journals, photographs, and negatives which can illustrate the progress of genetics as a science and which can point to its future potentials. Especially desired are proceedings from genetics congresses and conferences. Correspondence should be addressed to V. Orel, Head, Gregor Mendel Department of Genetics, Moravian Museum.

A graduate program in **bioengineering**, emphasizing the basic aspects of microcirculation, has been established at the University of California, San Diego, under sponsorship of the department of aerospace and mechanical engineering sciences and the medical school. The program will provide opportunities for research and training, initially, in such subjects as microcirculation, biorheology; and hemodynamics. (B. Zweifach, University of California, San Diego, Box 109, La Jolla)

New York University has initiated a graduate program in **computer sciences** leading to the master's and the Ph.D. degrees. Students will enroll in one of the participating departments: electrical engineering, mathematics, or industrial engineering and operations research. A coordinating committee for the program will help arrange an interdepartmental research program for those interested in overlapping studies. Additional information is available from the Assistant Dean, Graduate Division, School of Engineering and Science, NYU, Bronx, New York 10453.

Grants, Fellowships, and Awards

The American Society for Clinical Nutrition has established the Norman Jolliffe medical student fellowship awards to provide short-term support to students pursuing laboratory studies in **clinical nutrition**. Grants will generally be up to 3 months during the nonacademic part of the school year, with funds going directly to the student. Preference will be given to American students in American medical schools, although awards may be made to "unusually promising medical students from foreign medical schools." Application should be made by the senior investigator or major professor at least 2 months before the anticipated start of the student's research program. No senior investigator may have more than two students receiving the grants in one year. (W. A. Krehl, American Society for Clinical Nutrition, University of Iowa Medical School, Iowa City 52240)

Engineering colleges are invited to nominate faculty members to participate in an **engineering residency program** sponsored by the Ford Foundation. About 150 teachers may spend a year to 15 months in industrial concerns or government installations, starting in June 1967. They will be assigned regular company duties under a senior engineer who will serve as "preceptor." Nominations should be made by deans of engineering schools; they are screened by a committee of advisers from industry, and participants are selected by the Foundation. The Ford Foundation pays for travel to interviews, moving costs of the residents and their families, and other administrative expenses. The companies are responsible for salaries. Nominees must be American or Canadian engineering faculty members, under 40. They should have the Ph.D. or the equivalent, and have taught at least 1 year after receiving the degree. Inquiries are invited from individuals and from companies interested in the program. (C. E. Watson, Ford Foundation Program of Residencies in Engineering Practice, 477 Madison Avenue, New York 10022)

Publications

Information on the responsibilities and rights of **Selective Service registrants** is available in a brochure prepared by the Scientific Manpower Commission. The booklet defines the selec-

tive service classifications, describes the functions of state advisory committees on scientists and engineers, and explains the procedures for screening reservists who have critical civilian occupations and are working in essential activities. "Critical occupations" include professional work in mathematics, physical and most biological sciences, and engineering, and teaching in any of these fields. "Critical activities" are in the production or maintenance of aircraft, chemical and allied products; educational services, electronic equipment, electronic and electrical communication equipment, health and welfare services, missile and space systems, ordnance, precision and scientific instruments and apparatus, research and development services, ship and boat engineering, and water and sewerage systems. (Draft Act, regulations governing Selective Service classifications, deferments, and appeals. Scientific Manpower Commission, 2101 Constitution Avenue, NW, Washington 20418. 25 cents a copy, special rates for large quantities)

New Journal

Salamandra. Vol. 1, No. 1, September 1965. Erhard Thomas, Editor. Papers on biology of amphibians and reptiles; in German, with English summaries. (Available only to members of the Deutsche Gesellschaft für Herpetologie und Terrarienkunde; membership for U.S. applicants, $4. The Society, 6 Frankfurt am Main-Niederrad, Gerauer str. 69 B, Germany. Quarterly)

Scientists in the News

Nathan W. Riser, chairman of the biology department at Northeastern University, has been named to head the university's marine science research center, being built in Nahant, Massachusetts.

William F. Pounds, associate professor of industrial management at Massachusetts Institute of Technology, has become dean of MIT's Sloan School of Management, succeeding **Howard W. Johnson**, who will become president of the institution at the end of this academic year.

Andrew A. Benson has been appointed associate director of the Scripps Institution of Oceanography at the University of California, San Diego. He will continue as chairman of the department and division of marine biology at Scripps.

The Transplantation Society has elected **Sir Peter Brian Medawar** president. He is director of the National Institute for Medical Research, London.

Johns W. Hopkins, III, assistant professor of biology at Harvard, has been appointed associate professor and chairman of the biology department at Washington University. He will succeed **Viktor Hamburger**, who has reached the university's mandatory age of retirement for department chairmen. Hamburger, a zoology professor at the university since 1941, will continue to teach advanced biology courses and to conduct research.

Frederick C. Neidhardt, professor and associate head of the department of biological sciences at Purdue, has received the Eli Lilly award in microbiology and immunology from the American Society for Microbiology. He was cited for his work in several areas of cell physiology. The award carries a medal and $1000 honorarium.

Vanderbilt University has named **Nicholas Hobbs** as provost, responsible for academic affairs, effective in June 1967.

The University of California, San Diego, has appointed **Y. C. Fung**, former professor of aeronautics at Caltech, as professor of bioengineering and applied mechanics. **B. W. Zweifach**, at Caltech on leave from his post as professor of pathology at NYU medical center, has joined the San Diego campus as professor of bioengineering.

J. Calvin Brantly, director of research for the mining and metals division of Union Carbide Corporation, has been elected president and chief executive officer of Nuclear Science and Engineering Corporation.

Recent Deaths

Gosta C. Akerlof, 68; senior scientist at the Textile Research Institute, Princeton, New Jersey and former president of the Radiation Chemistry Laboratory in Princeton; 8 May.

John M. Marshall, 46; anatomy professor at the University of Pennsylvania medical school; 19 April, in a car accident in Uganda.

William H. Radford, 56; director of the Lincoln Laboratory at MIT; 9 May.

Robert J. Terry, 95; professor emeritus and former head of the department of anatomy at Washington University; 18 April.

Van Zandt Williams, 50; director of the American Institute of Physics; 13 May.

Major Contracts and Grants

The Carnegie Corporation of New York recently granted the Southern Regional Education Board $300,000 for a project designed to improve the 118 predominently Negro colleges in the South. The grant will provide staff assistance for SREB's new Commission on Higher Educational Opportunity in the South, which will direct the project. The commission will have two major tasks, the first of which is to prepare a report on the general status of the predominently Negro institutions, both public and private, and their changing roles and relationships; and to set guidelines for their future development. The other job will be to advise SREB on projects designed to help the Negro institutions in specific areas; emphasis here will be on stimulating cooperative programs among them. The commission is comprised of university educators and state officials; its chairman is George Watts Hill, Jr., of Durham, president of a life insurance company and chairman of the North Carolina State Board of Higher Education.

The University of Southern California has received a 5-year, $650,000 grant from the Public Health Service for graduate education and research in **gerontology**. Initially, graduate students in the departments of architecture, physiology of exercise, psychology, social work, and sociology may apply for fellowships under the grant; other departments are to be included later. Stipends will be $2400 to $3600, plus tuition and dependents' allowances. The new program is being administered by USC's Rossmoor-Cortese Institute.

Erratum: In the technical comment "Sarcolemma: tension transmission" by H. Lamport [**150**, 1846 (31 Dec. 1965)] the reference given in the last sentence should have read, "*Proc. Intern. Physiol. Cong. 20th* (1956)."