

R & D Colloquium Slated for March

"R & D, High Technology, and Economic Recovery" will be the theme for the eighth annual Colloquium on R & D and Public Policy, to be held 24 and 25 March 1983 at the Shoreham Hotel in Washington, D.C.

The Colloquium will provide a timely view of research and development in the fiscal 1984 budget and a look at related trends in federal and industry R & D funding. Speakers will discuss the long- and short-term roles of science and technology in economic recovery, both nationally and internationally. The contributions of federal and private sector R & D to new technology and industrial innovation, and the health of the research community also will be addressed.

Leaders from the White House, key federal agencies, Congress, industry, and the scientific and engineering communities will participate in the Colloquium.

A preliminary analysis of R & D in the fiscal 1984 budget, prepared by AAAS and 15 affiliated societies, will be distributed in advance to Colloquium registrants and will provide background material for the meeting. Registrants also will receive a more complete analysis of R & D in the fiscal 1984 budget, together with a summary of the Colloquium proceedings, after the meeting.

In keeping with AAAS policy, the meeting will be accessible to disabled participants.

For further information on the Colloquium, write to the Office of Public Sector Programs at the AAAS address.

International Committee Plans Future Actions

The Continuing Committee on the Role of Scientific and Engineering Societies in Development, meeting in Calcutta 20-21 October 1982, took several steps toward bringing the special expertise of the world's scientific and engineering societies to bear on practical research problems vital to the developing world.

The Continuing Committee was formed on the recommendation of the 1980 Global Seminar on the Role of Scientific and Engineering Societies in Development (see *Science*, 6 August 1982, p. 523).

The Committee's work represents the

first step in an iterative process between societies in industrialized and developing countries, national and international agencies, and other organizations involved in development and scientific affairs. Emphasizing the fact that the process of incorporating science and technology in development cannot proceed in a vacuum, the Committee directed increased ties to international disciplinary societies, regional scientific groups, and United Nations agencies.

The Continuing Committee concentrated on a number of proposals, including: Middle East and Sub-Saharan regional seminars, an inter-American Bio-research Program, Tropical Disease Research and Drug Development, Chemical Modification of Natural Rubber, Maintenance of Biomedical Equipment and Instrumentation, Firewood and Forestry Development, Educational Curriculum Improvement, and Data Collection and Computer Utilization. The Committee endorsed both interdisciplinary approaches and sharply focused projects aimed at specific problems.

AAAS-Newcomb Cleveland Prize Announced

The authors of the report describing the development of a genetically engineered vaccine for foot-and-mouth disease (FMD) (*Science*, 4 December 1981, pp. 1125-1129) have won the Newcomb-Cleveland Prize for 1981-82.

The researchers, from Genentech, Inc., and the U.S. Department of Agriculture's Plum Island Animal Disease Center, were able to create a vaccine that is completely safe and stable. Test results on the vaccine have been excellent.

Foot-and-mouth disease is an acute and highly infectious viral disease which affects some 32 species of cloven-hoofed animals. Mortality rates for the disease often reach 50 percent in young cattle and swine. Although currently eradicated in the United States, the disease is endemic in large parts of the world. The previously relied-upon vaccine, using killed virus, was considered unsafe, and many recent outbreaks of FMD in Europe are traceable to the vaccine or to the escape of live vaccine from research centers.

Authors of the prize-winning research report are Dennis G. Kleid, Daniel Yansura, Barbara Small, and Donald Dowbenko from Genentech, Inc., and Doug-

las M. Moore, Marvin J. Grubman, Peter D. McKercher, Donald O. Morgan, Betty H. Robertson, and Howard L. Bachrach from the Plum Island Animal Disease Center. They will receive the award on 29 May 1983 at the AAAS Annual Meeting in Detroit. A \$5000 prize accompanies the bronze award.

The AAAS-Newcomb Cleveland Prize is awarded annually to the author(s) of a report or article, published in *Science*, that "includes original research data, theories, or syntheses and is a fundamental contribution to basic knowledge or a technical achievement of far-reaching consequence."

Reviewers for Science Books & Films Needed

Science Books & Films, the review journal for schools and libraries published five times a year by AAAS, needs additional film and filmstrip reviewers in the fields of medical science, health care, nutrition, psychology and guidance, learning disabilities and the problems of the disabled, cultural anthropology, and sociology as these areas apply to students from kindergarten through high school.

All *SB&F* reviewers volunteer their time and should have access to a 16-millimeter film projector or 3/4-inch or 1/2-inch video playback equipment and/or a filmstrip projector.

Interested scientists, educators, and health professionals should contact the editor, *Science Books & Films*, 1101 Vermont Avenue, NW, Tenth Floor, Box R, Washington, D.C. 20005 for further details.

Calendar of Major Scientific Meetings

Due to space limitations in *Science*, we are unable to reproduce the listing of major scientific meetings for 1983. Copies of the listing are available, free, from the Office of Communications at the AAAS address.

For more information about the activities and publications described in "AAAS News," write to the appropriate office, AAAS, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036, unless otherwise indicated.