

## 1982 Exhibit

The AAAS Marketing Department invites members to recommend possible exhibitors for the 148th Annual Meeting & Exhibit to be held in Washington, D.C., 3-8 January 1982.

When you see something you think might interest other AAAS members, let us know. You'll find ideas in ads, brochures, and of course, at other exhibits. Whatever they are, wherever you find them, pass them on to us, and we will try to find out if an exhibit is available.

Please include the name of the company or agency, the product, and as much specific information as possible about whom we might contact regarding the item. Send recommendations to Steve Pike, marketing manager, at the AAAS address.

through carefully and to consult widely, we stand a much better chance of coming up with a plan that we can all get behind and *that will make a difference*. That's what the Board wants, and so do I.

## Energy and Health to Be Discussed in Berkeley

Energy independence is often cited as a goal for the United States. But what might be the costs, in terms of human health, of reaching this goal?

This will be the subject for the second 1981 AAAS Regional Energy Seminar, "Energy Independence: Consequences for Human Health," to be held 28-29 May in Berkeley, California.

There are implications for both human health and health care delivery systems of achieving energy independence through conservation and the increased development of domestic energy resources. What these implications might be, and the links between energy and health, will be addressed in two ways.

Present and possible strategies for achieving energy independence and their potential consequences for human health will be presented. This discussion will include scientific assessments of indoor air pollution; effects of energy conservation on special populations, such as the elderly; worker health; and health effects of traditional, nuclear, and nonconventional energy technologies.

In the second part of the program, participants will discuss how energy independence might affect the delivery of health care services. The particular needs of hospitals and other health care deliverers will be discussed by representatives from hospitals, health planning organizations, the energy industry, and health designers.

Featured speakers will include Honor-

able George E. Brown (D-Calif.); Edward Alpen, associate director, Lawrence Berkeley Laboratory; John Holden, Energy Resources Group, University of California, Berkeley; Warren Winkelstein, dean, School of Public Health, University of California, Berkeley; Judith Davenport, chair, Department of Social Work, University of Wyoming; Burt Kline, director, Division of Energy Policy and Programs, Bureau of Health Facilities, U.S. Department of Health and Human Services; Peter Brinckerhoff, executive director, West Central Illinois Health Systems Agency; and Michael Peevey, California Council for Environmental and Economic Balance.

Along with AAAS, cosponsors of the seminar, "Energy Independence: Consequences for Human Health," are the Western Center for Health Planning; American Lung Association of California; Bureau of Health Facilities, U.S. Department of Health and Human Services; California Energy Resources, Conservation and Development Commission; Intermountain Consortium for Energy; National Alliance for Energy Contingency Planning for Health Resources; School of Public Health, University of California, Berkeley; and Sigma Xi, the Scientific Research Society. The AAAS Regional Energy Seminar Series is supported by a grant from the U.S. Department of Energy.

The first 1981 AAAS Regional Energy Seminar, "Northeast Tribes and Communities: Energy Needs and Alternatives," will be held in Hanover, New Hampshire, 7-8 May (see *Science*, 3 April, pp. 36-37). It will focus on the energy needs and the technologies available to northeastern Native American tribes and communities. Major program areas will center on energy technologies and resources, planning and conflict resolution, and energy policy.

For further information on the AAAS Regional Energy Seminar Series, contact Patricia S. Curlin, senior program associate, at the AAAS address (telephone 202-467-4310).

## Short Courses at Pacific Division, Annual Meeting

The AAAS Office of Science Education has arranged two 1-day Short Courses in the Sciences, to be held in conjunction with the AAAS Pacific Division Annual Meeting in Eugene, Oregon. One course will be addressed to college and university science teachers, and the other course to secondary school science teachers. The purpose of the courses is to provide opportunities for teachers to update and enliven their classroom teaching with the spirit and findings of current research.

For college and university teachers:

"Passive Solar Heating of Energy Buildings: The Coming Revolution," George Tsongas, Engineering and Applied Science, Portland State University.

For secondary school teachers:

"The Eruption of Mount St. Helens: Causes and Effects," Michael Fiasca, Science Education, Portland State University; Thomas Benson, Earth Sciences, Portland State University; and Steve Carlson, Earth Sciences, Clackamas School District, Oregon.

Courses will be offered on 14 June from 9:30 a.m. until 4:30 p.m. at the University of Oregon at Eugene. Registration for each course is \$50. Each course will be limited to 30 participants; applications will be honored on a first-come, first-serve basis.

To register for a course, send a letter of application and check or money order to Joseph M. Dasbach, Office of Science Education at the AAAS address. Your letter should include name, address, telephone number, name of school, academic field, and the classes you teach. Make check or money order payable to American Association for the Advancement of Science (or AAAS).

Letter of application must reach AAAS by 1 June 1981. For further information write Joseph M. Dasbach or call 202-467-4464.

**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.**