

**26 December**

## Workers and the Environment

Pollution caused by factories has been greatly publicized recently. As a result, industry has tried to pit labor against environmentalists by suggesting that a healthy environment means fewer jobs.

Yet still unfolding is the story of in-plant pollution. Thousands of workers die each year while millions suffer disabling injuries and diseases from on-the-job hazards.

Congress passed an Occupational Safety and Health Act in December 1970 which gave new powers to the Department of Labor and Department

of Health, Education, and Welfare. At worst, these departments do not have the money, manpower, expertise, commitment, creativity, or political strength to do it alone. At best, they have an overwhelming task to protect more than 57 million workers in more than 4 million workplaces, and the government has only a few hundred inspectors.

The labor, medical, legal, and environmental background of the speakers in this symposium will be used to address the same basic questions: What are the real problems? What is being done? What needs to be done?

## Speakers and Topics

Arranged by George Wald (professor, Department of Biology, Harvard University) and Paul H. Witt (executive director, Environmental Health Programs, Inc., Washington, D.C.).

### 26 December

Anthony Mazzocchi (director, Citizenship Legislative, OCAWIU, Washington, D.C.), *A Labor Point of View*.

Sidney M. Wolfe (director, Health Research Group, Washington, D.C.), *A Health Point of View*.

Ralph Nader (Center for the Study of Responsive Law, Washington, D.C.), *A Legal Point of View*.

Discussion will follow.

GEORGE WALD

*Biological Laboratories,  
Cambridge, Massachusetts 40351*

## 28 December

### Use of Scientific Information in Policy-Making

Many scientists generally, and the AAAS specifically, are seeking ways to make science more effective in the promotion of human welfare. One way is to improve the delivery and utilization of scientific information in the development of public policy.

Need for improvement is seen in both individual and institutional behavior. Scientists sometimes appear to confuse fact with advocacy when giving testimony, and public officials sometimes appear to misjudge the import of the scientific and technical considerations. Scientific institutions resist public involvement that might impair their promotion of science itself. Government's ability to utilize scientific advice and technological analysis varies considerably among federal, state, and local

levels and between executive and legislative branches.

The panel discussion during this symposium will examine evidences of inadequacy as illustrated by case histories, analyze the problems involved, and suggest means for improving the use of scientific information in making public policies and governmental decisions.

#### Panel Members

*Symposium of the AAAS Committee on Science in the Promotion of Human Welfare.* Arranged by Richard H. Bolt (chairman of the board, Bolt Beranek and Newman, Inc., Cambridge, Mass.).

#### 28 December (a.m.)

*Panel:* Richard H. Bolt, William D. Carey (senior staff consultant, Arthur D. Little, Inc., Washington, D.C.).

D. Elizabeth Cuadra (deputy for program development, Office of Noise Abatement and Control, Environmental Protection Agency, Washington, D. C.).

A. Hunter Dupree (George L. Littlefield professor of history, Brown University).

Marvin L. Esch (U.S. House of Representatives, Michigan).

Bernard H. Manheimer (program officer, Technical Assistance Division, Department of Housing and Urban Development).

Walter Modell (chairman, AAAS Committee on Science in the Promotion of Human Welfare, and professor of pharmacology, Cornell University Medical Center).

Don K. Price (dean, John F. Kennedy School of Government, Harvard).

Joel R. Primack (junior fellow, Society of Fellows, and postdoctoral fellow in physics, Harvard).

### 28 December (p.m.)

Discussion by panel members and audience.

RICHARD H. BOLT

*Bolt Beranek and Newman, Inc.,  
Cambridge, Massachusetts 02138*

## TOURS AND THEATRE PERFORMANCE

The AAAS is pleased to offer tours and theatre performance for registrants (only) at the Association's Annual Meeting. Chartered buses will provide transportation. Please use this form to register. Indicate the number of tickets you wish to order. Enclose payment. Attendance is limited; early registration is recommended. No refunds after 15 Dec.

A-I \_\_\_\_\_ Tuesday, 28 Dec., 9 a.m.  
Smith Kline & French Laboratories Tour (\$2)

A-II \_\_\_\_\_ Wednesday, 29 Dec., 1 p.m.  
Smith Kline & French Laboratories Tour (\$2)

A-III \_\_\_\_\_ Thursday, 30 Dec., 9 a.m.  
Smith Kline & French Laboratories Tour (\$2)

B \_\_\_\_\_ Tuesday, 28 Dec., 9 a.m.  
Franklin Institute Tour (\$2)

C \_\_\_\_\_ Tuesday, 28 Dec., 4 p.m.  
University of Pennsylvania Biology and Biophysics Tour (\$2)

D \_\_\_\_\_ Wednesday, 29 Dec., 1 p.m.  
Franklin Mint Tour (\$2)

E \_\_\_\_\_ Thursday, 30 Dec., 1 p.m.  
General Electric Space Division Tour (\$2)

F \_\_\_\_\_ Wednesday, 29 Dec., 8:30 p.m.  
An evening of "computer" theatre and music (\$3)

**Mail to: American Association for the Advancement of Science, Dept. R  
1515 Massachusetts Ave., NW, Washington, D.C. 20005**