Annual Meeting
Washington
3–8 January 1982

An Invitation

Come to the AAAS Annual Meeting in Washington this January. Enjoy the hospitality of the Nation's Capital and the stimulation of discussions with your colleagues from across the country and around the world. Partake in a Program which includes the most important developments in science and the airing of issues which affect the interaction between science and society. See the detailed description of the Program in the Preconvention issue of *Science*, 30 October, and convince yourself of how important it is for you to be there.

Your place is waiting. You can register on site; you can even register only for one day's attendance on site. If you can attend only one meeting this year, make this the one; it will provide a stimulation you will cherish throughout the year.

Building Knowledge and Understanding: Enduring Assets of Society

1. General Interest

Space science and technology . . . Frontiers of social sciences and of natural sciences . . . Science as adventure . . . Human learning.

2. Physical Sciences

Laboratory safety . . . Chemically solvable problems . . . Elementary particles and cosmology . . . Solar flares . . . Quasars . . . Physics and chemistry of everyday experience.

3. Earth and Planetary Sciences

Weather of other planets . . . Stratospheric modification . . . Western energy development . . . Drought in U.S. . . . Planet Earth . . . Nonconventional imaging . . . Minerals . . . Appalachians.

4. Engineering and Technology

Computer-based sciences . . . Software explosion . . . Manufacturing . . . Space science and policy, and manufacturing . . . Ceramics . . . Optical communication.

5. Energy

Nuclear power and the public . . . More efficient energy use . . . Oilseeds and biomass . . . Fusion and nonfossil sources . . . Behavior and conservation . . . National policies . . . Traditional fuels in Asia and Africa.

6. Biological Sciences

Biological magnetic fields . . . Deep sea hydrothermal vents . . . Ecological research . . . Mutualism . . . Biocommunication . . . Connective tissues . . . Marine products . . . Adrenal chromaffin vesicle.

7. Cell Biology and Genetics

Human genetic manipulation . . . Mitosis and meiosis . . . Recombinant DNA controversy . . . Commercial genetic engineering . . . Human genome . . . Biology of the lens . . . Protein folding . . . Genetic engineering and agriculture . . . Plant biotechnology.

8. Evolution

Major evolutionary change . . . Cretaceous extinction . . . Biology of sex . . . Brain and behavior . . . Aggression and cooperation . . . Darwinism . . . Evolution of diet . . . The knowledge process.

9. Environment

Global 2000 Report . . . Global resources . . . Is life getting better? . . . Toxic substance control and toxicology . . . Air pollutants . . . Groundwater pollution . . . Threats to ecosystem . . . Assaults on nervous system . . . Environmetrics.

10. Food and Agriculture

Endangered species . . . Water use and land use in agriculture . . . Food producers and consumers . . . Political ecology of food . . . Plants and environmental stress.

11. Medical Sciences

Substitute organs . . . Failure of organ grafts . . . Dental caries . . . Sickle-cell disease . . . Gamete surfaces . . . Cardiovascular disease . . . Communication with patients . . . Human research and regulation . . . Torture and medical ethics.

12. Biomedical Technology

Risk and radiation diagnosis . . . Speech prostheses . . . NMR in biology and medicine . . . Mathematics in biology . . . Medical decision-making . . . High technology in medicine.

13. Behavioral Science

Brain sciences and education . . . Early experience . . . Cerebral laterality . . . Mathematical performance by males and females . . . Alcohol use . . . Hypnosis and memory . . . Pain in animals and man . . . Pain control in terminally ill.

14. Anthropology and Development

Child and international development . . . Appropriate technology . . . Ecosystem in anthropology . . . East Africa . . . People at low population densities . . . Conflict, resolution, and revolution . . . Spiritual and biomedical healing.

15. Sociology and Political Science

Aging . . . Federal statistics . . . Demography and labor . . . Voting systems . . . Ethology and politics . . . Organizational evolution . . . Changing family patterns . . . Crime control policy . . . Social power and dominance in women.

16. Economics, Industry, and Regulations

If Japan can . . . Consequences of Clean Air Act . . . Changing regulatory climate and regulatory reform . . . Impact on drug development . . . Risk analysis and regulation . . . Modeling risk assessment . . . Economics and ecology . . . Forecasting uncertainty . . . Industrial policy.

17. History and Philosophy of Science

Science and belief . . . Science and humanities, and art and archeology . . . Decision-making . . . Subjective science . . . Wegener's moving continents . . . Laboratories of Bell . . . Systems methodology.

18. Science Education and Understanding

Mathematics education . . . Saving human resources . . . Education for minorities . . . Science and culture . . . Science and technology centers . . . Scientific literacy internationally . . . Status and future of science education . . . Engineering manpower and education . . . Science communication.

19. Science and Technology Policy

Supporting scientific research . . . Politics of science . . . Who controls scientific data? . . . Peaceful change . . . International programs . . . Policy outlook . . . Career public service . . . Arctic science policy.

20. Arms Control and Security

Health effects of nuclear industry and weapons . . . Chemical and biological warfare . . . Soviet policies and U.S. response . . . Future of ABMs . . . Military capability . . . Scientific freedom and national security . . . Scientists and the arms race . . . Resource availability, security, and national interest.

For further details, see the 18 September issue of *Science*.

On-site registration:

Registration desks will be in both Meeting hotels:

Washington Hilton (concourse level)

Capital Hilton (second floor)

and will be open during the following hours:

Sunday, 3 January: 2 p.m.–6 p.m.

Monday, 4 January, through **Thursday**, 7 January: 8 a.m.–6 p.m.

Friday, 8 January: 8 a.m.–12 noon.

Registration Fees:

Visa and MasterCard are accepted.

	Member	Nonmember
Regular		
Single	$34	$43
Double	$50	$60
Student and Retired*		
Single	$17	$21
Double	$25	$30
One-day registration (single only)		
Regular	$17	
Student and Retired*	$ 8	

*Note: Students are defined as full-time undergraduate or graduate students only. **Secondary school science, social studies, and mathematics teachers may register at student rates.**