

1989 AAAS Annual Meeting

San Francisco Hilton, 14–19 January

**Here's what
you'll find:**

Preliminary Program, Part 3

This final part of our 3-part preliminary program features **Social Sciences, Science Education, and Science Policy** and completes our overview of the intellectual feast you will enjoy in San Francisco this January. (For Part 1, **Physical Sciences & Technology**, see the 9 September issue of *Science* and for Part 2, **Life Sciences & Technology**, see the 23 September issue.)

In the **Social Sciences**, we feature sessions on **neurobehavior** and **psychology**, including sleep, stress, instinctive behaviors, and language and concept development; on **anthropology** and **developing countries**; on **social and political science**; and on **economics and competitiveness**. Another major set deals with ethics and values in science, and the **history of science**.

The **Science Education** sessions cover ways of improving the science curriculum and fostering creativity; outreach programs for women,

minorities, and the educated public; and more.

Our **Science Policy** program features an in-depth treatment of **risk**, including sessions on assessment, communication, and man-made and natural hazards; and sessions on **arms control** negotiations, the Soviet Union, chemical and biological weapons, safeguarding nuclear materials, and more; and on **science policy**, with sessions on budgets, communication with policymakers, science in countries around the Pacific rim, and more.

We have a great program with more than 250 sessions featuring the cutting edge of science in all of its aspects. Register now for substantial savings and, while you're at it, take advantage of this opportunity to contribute a poster-session paper of your own on one of the many Meeting topics (see the 9 September and 23 September issues of *Science*).

See you in San Francisco!

— ARTHUR HERSCHMAN

☐ **Over 250 sessions:** Choose from a full schedule of symposia, seminars, technical sessions, and workshops covering the **Social Sciences, Science Education, and Science Policy** (listed on the following pages), **Life Sciences** (23 September issue of *Science*), and **Physical Sciences** (9 September issue).

☐ **Major plenary lectures:** Hear 15 world-renowned scientists speaking on a wide range of topics (this page).

☐ **Exhibition:** Learn about new products and services in exhibits by 100 publishers, software manufacturers, information services, and scientific societies.

☐ **Poster sessions:** Exchange ideas with interested colleagues in a full series of poster sessions on topics relating to any of the seminars, symposia, technical sessions, and workshops. Student papers are especially welcome and are eligible for a series of prizes (awarded by AAAS and its Pacific Division) for best papers. To participate, see page 1833.

☐ **Science Film Festival:** See some 50 science films for students and professionals that have been reviewed and recommended by *Science Books & Films*, the AAAS science media review journal.

☐ **Two meetings for the price of one:** As a AAAS Annual Meeting registrant, you will also have full access to all sessions of the concurrent Joint Winter Meeting of the American Association of Physics Teachers (AAPT) and the American Physical Society (APS).

☐ **Free employment exchange:** Put your professional qualifications directly in the hands of the employers who will be coming to this Annual Meeting. For details of the services offered, see the Annual Meeting brochure that will be mailed to all members with the 7 October issue of *Science*.

☐ **Discounts on travel:** United Airlines and Delta Air Lines offer special discount fares to the Annual Meeting in San Francisco (and optionally on to Honolulu) for travel during 10–26 January 1989. Call one of the numbers on page 1834.

☐ **Savings on advance registration:** The advance registration deadline is 16 December. To obtain the discounted advance registration rate and the low hotel convention rates, use the forms on page 1836.

Plenary Lectures

Saturday, 14 January, 8:30 pm: Keynote Address, DONALD KENNEDY (*Stanford Univ.*).

Sunday, 15 January, 1:00 pm: Carey Lecture, "Cheer Up, Things Could Be Worse," WILLIAM T. GOLDEN (AAAS Treasurer). **1:00 pm:** "Protein Folding," FREDERIC M. RICHARDS, (*Yale*). **8:30 pm:** "The Search for Eve," ALLAN C. WILSON (*UC-Berkeley*).

Monday, 16 January, 1:00 pm: Waterman Lecture, PETER SCHULTZ (*UC-Berkeley*). **1:00 pm:** "Gene Expression, Regulation, and Growth Control in Plants," JOSEF S. SCHELL (*Max Planck Institute, Cologne, FRG*). **8:30 pm:** "Resource Allocations for Science," FRANK PRESS (*National Academy of Sciences*).

Tuesday, 17 January, 1:00 pm: Sarton Lecture, "The Politics of the Meter Stick," JOHN L. HEILBRON (*UC-Berkeley*). **1:00 pm:** "Opportunities for Synchrotron Radiation Research," ARTHUR BIENENSTOCK (*Stanford Synchrotron Radiation Laboratory*). **8:30 pm:** AAAS President's Lecture, "From the President of AAAS to the President of the United States," WALTER E. MASSEY (*Univ. of Chicago*).

Wednesday, 18 January, 1:00 pm: "Optical Astronomy in California," ROBERT P. KRAFT (*Lick Observatory, UC-Santa Cruz*). **1:00 pm:** "Molecular Genetics of Cancer," J. MICHAEL BISHOP (*UC-San Francisco*). **8:30 pm:** "Genetics and the Disappeared: Search for Two Generations," MARY-CLAIRE KING (*UC-Berkeley*).

Thursday, 19 January, 1:00 pm: "Superconductivity," SHOJI TANAKA (*Univ. of Tokyo*). **1:00 pm:** "Earthquake Prediction," ALLAN G. LINDH (*U.S. Geological Survey, Menlo Park, CA*).

Social & Behavioral Sciences*

Psychology; Neurobehavior

The Future of Scientific Psychology (1/15). Complementarity; tacit vs. explicit knowledge; cognitive science vs. radical behaviorism.

The Acquisition and Dissolution of Language: Behavioral Evidence for a Biological Program (1/15). Biological and acquisition studies; mental representation of language; biological programming.

Continuity in Development from Infancy (1/16). Prediction from early performance; assessment procedures; impact on theories of development.

Mammalian Sleep (1/16). Homeostatic mechanisms; deprivation; neural mechanisms; REM sleep.

The Brain, Stress, and Health: The Interplay of Biology and Behavior (2 sessions, 1/17). Psychoimmunology; neurochemistry; emotions.

Biological Foundations of Instinctive Behaviors (2 sessions, 1/18). Neuropeptides; releasing hormones; behavioral mechanisms.

Technical Sessions

Speech-Language Learning and Early Otitis Media with Effusion (OME) (1/16). Otitis media: disease process; developmental sequelae; effect on speech, language, and hearing.

Constraints on Language Learning and Concept Development (1/15). Morphology; syntax; semantics.

Opening the Mind: Windows to the Brain and Vocal Motor Control (1/16). Behavioral and neural assessment of vocal motor disorders.

Anthropology; Developing Countries

Expressions of World View and Cosmology in the Ancient Americas (1/18). Chacoan Anasazi; Maya; Inca.

A Cross-Cultural Study of Emotional Expression, Language, and Philosophy (1/16). Facial expressions; autonomic nervous system correlates; ethnographic and linguistic findings.

Human Values and Scientific Literacy: Leacock's Multidisciplinary Approach (1/16). Racism, sexism, and poverty; non-Western countries; liberal arts.

The New Transnationalism: Nation-States and the Global Environment (1/15). Globalism; national security; managing resources.

Sustainability and Development (1/15). Carrying capacity; political viability; equity.

Technical Sessions

Impact Assessment of Agricultural Universities in Developing Countries: Brazil, India, Mexico, and Nigeria (1/17).

Population Policies and Programs in Developing Countries: New Initiatives and Trends (1/17). Microcomputer models; contraception and family programs; Africa; U.S. role.

Systems Science in Development (1/16). Technology transfer; systems education; design planning.

Putting Local Knowledge to Work: Applications for Agricultural Development and Natural Resource Management (1/18). "Sociotechnically" intensive approaches; the Third World; ethnoscientific information.

Social & Political Science

Religion and Politics: 1988 (1/19). Christian Right; consequential dimension; evangelism; televangelism.

Values, Policy Controversies, and the 1990 Census (2 sessions, 1/17). Minority undercount adjustment; illegal aliens and congressional reappointment.

Marriage, Family, and Scientific Careers: Institutional Policy Versus Research Findings (1/16). Working couples and parents; industrial and academic responses.

Violence Between Men and Women: The Case of Rape (1/16). Changes in laws and treatment; race.

New Data on the American Family (1/18). Child care; divorce; the elderly; the Black family.

Technical Sessions

Theory and Experiment in the Economics of Market Behavior (1/16). Stock market behavior; chaos theory; new auction institutions; computer-assisted markets.

The Sociology of Technical Work (1/19). Work conditions; technological and economic factors.

Sociologists and Statisticians: A Sesquicentennial Partnership (1/18). Statistical methods; decision making.

Some Results on the Application of Cognitive Lab Research Techniques to Survey Methodology (1/15). Federal agencies' research and application; survey response task.

Megacities: Problems and Prospects (1/15). Demographic, social, political, economic, and technological causes of growth and decline.

Economics; Competitiveness

Socioeconomics: The Roles of Power and Values (1/18). Decision making; industrial organization.

Management Paradigm Changes: From Labor to Knowledge (1/19). Knowledge as capital; reintegration of labor and knowledge.

Mineral Resources and Trade in the Pacific Rim (1/19). Metals production, trade, and demand; Japan; China.

Biotechnology Transport from University to Marketplace: A Cost-Benefit Assessment (1/18). Collaborative research programs; costs and benefits to university and to community.

*The AAAS Annual Meeting preliminary program is being presented in three separate issues of *Science*:

- 1—Physical Sciences & Technology (9 September)
- 2—Life Sciences & Technology (23 September)
- 3—Social & Behavioral Sciences (this issue)
 - Science & Technology Education (this issue)
 - Science & Technology Policy (this issue)

Scientific and Technical Information I: The New Information Technologies (1/15). New information technologies; transfer of information; accessibility.

Scientific and Technical Information II: Public Policy Issues (1/15). Governmental and industrial perspectives; limited access for scientists; economic advancement.

Interdisciplinary Research Initiatives: Implications for Science and Technology (1/16). Federal and NSF initiatives; industry-university linkages; future trends; energy research centers.

Quality and Its Impact on Competitiveness (1/17). Customer satisfaction; product improvement; Germany, Japan, and the United States.

Global Economic Competitiveness Through Effective Management of Industry (1/16). Biotechnology; aerospace; cultural change.

Managing American Technology: The Competitive Challenge (1/17). Contributions from economics, operations research, and sociology.

Technical Sessions

Federal Funding of the Academic Physical Sciences (1/17).

Sharing Scientific Data: A Cross-Disciplinary Examination of Accomplishments, Problems, and Prospects (1/18). Locating, documenting, and archiving data; international data sharing.

Measuring Innovation: What Is the State of the Art? (1/17). R&D investments; personnel; bibliometrics; patents.

Developments in the Use of Federal Government Economic Statistics for Scientific Research (1/19). Census data; gender, health, income, and spatial studies.

Technology, Economic Development, and the States (1/18). University-industrial relations; technology innovation; state policies for industrial growth.

History, Philosophy & Ethics

History of Science I: Forgotten Episodes (1/17).

History of Science II: Uneasy Careers and Intimate Lives — Great Women in Science During the Late 1800s and the 1900s (1/17). Characteristics and developmental factors of successful women scientists.

Evolutionary Theory, Economics, and Political Science: An Emerging Theoretical Convergence (1/19). Cooperation and social norms; rational choice theories; sociality and moral behavior.

Science Advice to the President: The First 200 Years (1/18). Historical perspective on advisory mechanism.

Current Issues in Social Science Explanation: Laws, Mechanisms, Actions, and Intentions (1/19). Intentionality; action explanations; generic assertions.

AAAS • Science in San Francisco • '89



Science, Engineering, and Ethics: New Directions in Ethics and Values Studies (EVS) (1/17). Public policy; philosophy; global impacts; advanced training.

Torture Rehabilitation Under Repressive Regimes (1/16). Argentina; Chile; South Africa; Philippines.

Responding to Allegations of Fraud and Misconduct in Science (1/18). University experiences; due process; whistleblower's perspective; federal policies.

Not in My Backyard: Where Can Biomedical Research Be Done? (1/17). Scientific, legal, and ethical issues.

Evaluating the Human Genome Project (1/18). Civil liberties; medical practice and public health; relevance of genetic diversity.

Defending Human Rights with Genetics and Forensic Evidence (1/16). DNA sequence analysis and its applications in Argentina.

Technical Session

Quantitative Studies of Formal Identities Across Biosocial Levels (1/15). Empirically based tests; validity; case studies.

Call for Contributed Papers

Deadline for Abstracts: 1 November 1988

Only AAAS members and fellows may submit poster papers, but they need not be authors of the papers they endorse. Presenters of papers must be registered for the Meeting and must submit abstracts in the correct format prior to the deadline. Each accepted paper will be assigned a 4' × 6' bulletin board for 1 ½ hours; abstracts will be published in a book supplied to all registrants. **Topics:** Papers should relate to Meeting session topics (see this and September 9 and 23 issues of *Science*). **Abstracts:** Type copy on white paper to fit within a 5" square. Use only typewriter or letter-quality printer. Indent, space, underline, and capitalize as in the example; do not double-space the text. Use reproducible black ink for all hand-lettering. Do not box abstract or cut and paste it onto another piece of paper. **Submissions:** Outside the 5" square, provide (1) the name of the subject matter discipline and 3 key words describing the area within the discipline; (2) name, affiliation, and signature of the endorser of the paper; and (3) full name, address, and phone number of person to be contacted regarding scheduling. Send original abstract plus 1 copy to:

Contributed Papers, AAAS Meeting Office
1333 H Street, NW, Washington, DC 20005

5 inches (12.7 cm)

Indent Five Spaces and Type Title in Upper and Lower Case Letters and Underline. AUTHOR'S NAME IN UPPER CASE (Institution Name in Upper and Lower Case, SECOND AUTHOR (Institution)).*

Skip one line and type abstract. The full width of the column of typed material should be 5 inches (12.7 cm) and must not extend beyond that. The total length of the material, from top of title to bottom of footnotes, must not exceed 5 inches (12.7 cm). Abstracts that exceed these parameters will be returned. All special symbols and signs that must be hand lettered (e.g., π) should be rendered in reproducible black ink as clearly and carefully as possible. The entire submission should be of camera-ready quality so that it can be photographed, turned into a plate, and printed. The printed abstract will be about 2/3 the size of the typed version. Avoid paragraphing as this wastes space. However, you may use your allotted space to neatly letter equations and diagrams as you deem necessary.

Fig. 1

Fig. 2

as indicated in this example.

*Skip one line and type footnotes, if any.

Science & Technology Policy

Risk

Has Risk Assessment Become Too Conservative? (1/15). Modification of EPA guidelines; default and biologically based procedures; human epidemiologic and rodent bioassay data.

Risk Management in the Pacific Rim Countries (1/19). Common risks; concept disparity; policy options.

Life on the Leading Edge: Context and Consequences of Earthquakes, Volcanic Eruptions, and Landslides (2 sessions, 1/18). Hazard prediction; mapping techniques; community response.

Earthquakes and Fruitcakes? Science, the Public, and the Rational Management of Risk (1/15).

Siting a High-Level Nuclear Waste Repository I: Politics and Policymaking Process (1/17). Congressional perspective; environmental ethics.

Risk Communication: Science and Policy (1/17). Case studies; media responsibilities and needs.

Risk Assessment and Environmental Policy: New Directions (2 sessions, 1/16). Pharmacokinetics; cross-media pollution; decision analysis.

Technical Sessions

Coping with Chronic Technological Disasters (1/16).

The 1987 National Surveys of Hazardous Waste Management Facilities (1/18). EPA role; survey instruments; preliminary results.

Siting a High-Level Nuclear Waste Repository II: Public Opinion and Policymaking (1/17).

Municipal Solid Waste Disposal: Incineration and Its Alternatives (1/17). Technology, policy, and economic issues.

Arms Control & National Security

The Implications of Soviet "New Thinking" About International Security (1/18). Psychological and political science perspectives.

National Security Policy Implications of Commercial Observation Satellites (1/15). Troop monitoring; arms control compliance; nuclear nonproliferation.

Biological and Toxin Weapons: The Renewed Threat (1/17). Enemy identification; motivation; legal disincentives.

Negotiated Force Reductions in Europe: Real Opportunity or Chimera? (1/16).

Implementing a Global Chemical Weapons Convention (1/16). Secrecy; trade controls; production restrictions; on-site inspections.

Space Nuclear Power and Arms Control (1/18). Verification (U.S. and Soviet perspectives); electrical power requirements.

Implementation of Major Strategic Arms Control Agreements: INF and START (1/15). Verification; national security and legal implications.

SDI Testing and the ABM Treaty (1/17). Narrow vs. broad interpretation of ABM.

Technical Sessions

National Security and High Technology Trade with the Soviet Union (1/19). Soviet economic future; synfuels; computer exports.

Arms Control Without Negotiation: The Role of Unilateral/Independent Initiatives (1/19). Reciprocation; procurement restraint; novel strategies.

Environmental Concerns Affecting National Defense and Security (1/19). NEPA; weapons disposal; technical and sociopolitical dimensions.

Technology for Fissile Material Detection Applicable to Nuclear Arms Control Verification (1/19). Standards for verification; security requirements.

Science & Technology Policy

Science in Japan: Japanese Laboratories Open to U.S. Researchers (1/15). Cooperative S&T programs; NRC and NSF initiative programs.

Perspectives on the American Research University (1/16). Research and graduate training; historical and comparative perspectives.

Issues in Scientific Conflict of Interest Among Universities, Industry, and Government (1/16). Historical perspective; peer review in regulations and journals.

The United Nations' Changing Perspectives for International Science (1/15). UNESCO; UNCSTD; India; China; United States.

Technical Sessions

Academic Science and the Military (1/18). Physical sciences; electronics; controversies.

Defense Spending as Technology Policy for the United States (1/19). R&D spending in defense vs. civilian economy.

Chinese Technology and Science Policy (1/15). State Science and Technology Commission; U.S./China policy development.

Workshops

Improving Your Chance of Success for NSF Grants (1/19). Designed primarily for faculty members from institutions and states seeking federal grant support for research and teaching.

Testifying with Impact (1/15). Role playing and videotaping will be used to show scientists and engineers how to effectively deliver testimony at legislative hearings.

Communicating with Policymakers: Strategies for Scientists and Engineers (2 sessions, 1/16). Legislative and regulatory decisions.

Discount Air Fares to San Francisco AAAS Annual Meeting ♦ 14-19 January 1989

UNITED AIRLINES and DELTA AIR LINES offer special discount fares to the AAAS Annual Meeting in San Francisco and on to Honolulu (optional) for travel from 10 January 1989 through 26 January 1989.

The discounts are available only through the airlines' convention reservation desks. Call one of the toll-free numbers listed here and give the appropriate AAAS convention code to obtain the greatest available discount for your itinerary.

UNITED AIRLINES
AAAS Convention Code: 9017D
Mainland U.S. and Canada:
1-800-521-4041
Hawaii and Alaska: 1-800-722-5243

DELTA AIR LINES
AAAS Convention Code: R0030
USA (incl. HI, AK, PR): 1-800-241-6760
Canada: Call DELTA locally

Science & Technology Education

AAAS • Science in San Francisco • '89

Science Education

Computer-Based Curricula for Qualitative Understanding of Physics (1/18). Curriculum reform; problem solving; elementary abstract physics.

Science Education on the Pacific Rim: Challenges and Opportunities (1/17). China; Colombia; Korea; Japan; implications for U.S. curricular change.

Science for All Americans: Implications of Project 2061 for Future Science Education (1/15). Teacher education; testing; instructional materials and technology; school reorganization.

Research in Physics Education I: Applications of Research on Conceptual Understanding and Problem Solving (1/16).

Research in Physics Education II: Applications of Cognitive Science for the Teaching of Physics (1/16).

Science and the Liberal Arts (1/16). Need for students to learn the nature of science and its implications for life in American society.

Development of Thinking Skills in the Sciences and Mathematics (1/15). Intellectual growth; training methods; thinking strategies.

Ability Testing: Uses, Consequences, and Conflicts (1/18). Use in education and industry; costs and benefits; legal conflicts.

Creativity in the Mathematical Sciences: The Many Faces of Our Dilemma (1/18). Talent search and de-

velopment in math, physics, chemistry, and the life sciences.

Technical Sessions

Looking into Windows: Qualitative Research in Math and Science Education (1/18). Research and evaluation techniques; elementary through college levels.

College Student Research Papers (1/19).

Perspectives and Emerging Approaches for Assessing Higher Order Thinking in Mathematics (1/18). Test development; national and state experiences; belief systems.

Reforming the Life Sciences Curriculum: Kindergarten Through Grade 12 (1/19).

Geology: The Neglected Science in Precollege Education (1/15). Importance of geology in education and public understanding; academic strategies; political consequences.

Exemplary NSF-Funded Science and Mathematics Programs (1/17). Teacher training; minority access; math and science networks.

Science Education Improvement Activities of AAAS Affiliates (1/19).

The National Laboratories as Partners in Science Education (1/16). Precollege science programs.

Earth Systems Education: Reforming the Curriculum Content Regarding Planet Earth (1/15). Content and approaches for curriculum renovation.

Workshops

The State Academies of Science: Stimulating Interest Through Junior Academies (1/18).

Teaching Scientific Writing as an Integral Part of Training Scientists: Approaches at the Graduate Level and Beyond (1/18). Discussion of approaches in use at graduate, postdoctoral, and professional levels.

Graduate Studies in Science and Engineering: Games Your Advisor Should Have Taught You (1/17). Strategies to retain female and minority students; financial aid; developing professional skills.

Outreach to Minorities & the Public

Cross-National Measurements of Public Understanding of Science and Technology (1/17). Surveys of British, Japanese, Canadian, and U.S. public attitudes toward science.

Women in Physics: Why So Few? (1/19).

Popularizing Science (1/18). Professional organizations; science writers; television.

Science Acculturation Among the Young (2 sessions, 1/15). Decay of interest; gender and minority differences; informal learning strategies.

Broadening Participation in Science and Engineering (2 sessions, 1/15).

Hispanic Science Education (1/17). Public policy; critical issues; potential solutions.

The Scientist's Role in Developing Minority Students (1/18). Biomedicine; engineering; physics; biology; mathematics.

Multiple Strategies to Increase Female, Minority, and Disabled Students' Participation in Mathematics and Science (1/19). Precollege-level programs and their impacts.

Technical Sessions

"Only a Theory": Presenting Evolution to the Public (1/16). Effective, accurate, and positive presentation of evolution in the classroom, the media, and public settings.

Beyond Newsprint: Unconventional Science Communication in the Developing World (1/17). Nonprint media; women as agents; radio reportage in Nepal.

Science and the Public: Toward the Year 2000 (1/16). Science centers, academies, media, and exhibits.

Workshop

Communicating Science to the Public: Writing Strategies for Scientists and Engineers (1/17). Writing strategies, information packaging for nonscientists, and hands-on practice at writing a newspaper science story.

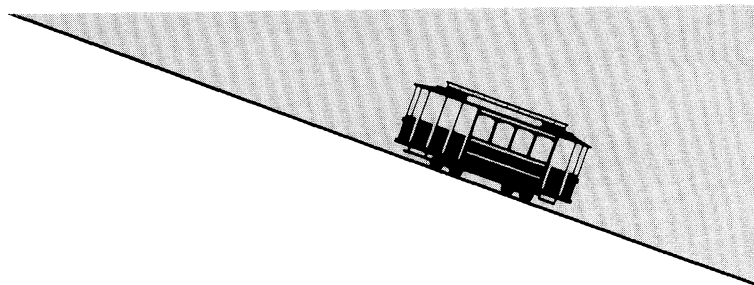
Admission to Physics Teachers Meeting

The American Association of Physics Teachers and the American Physical Society will hold their 1989 Joint Winter Meeting in San Francisco, concurrently with the AAAS Annual Meeting.

Registrants at the 1989 AAAS Annual Meeting will have free access to all AAPT/APS general sessions, which will be located in the St. Francis Hotel, one block away from the San Francisco Hilton.

For a full program of the AAPT/APS Joint Winter Meeting, see the December 1988 issue of *The AAPT Announcer*, or write (after November 15) to AAPT, 5112 Berwyn Road, College Park, MD 20740.

Advance Registration Form **AAAS Annual Meeting ♦ San Francisco** **14–19 January 1989**



SM1

Name of registrant _____
(Please print or type) (Last) (First & initial)

Name of spouse registrant _____
(Last) (First & initial)

Institution/Company _____
(To be printed on badge) (Registrant)

(Spouse registrant)

Mailing address _____
(Street)

(City/State) (Zip code) (Telephone number)

Convention address _____
(Where you can be reached) (Hotel and/or telephone number)

Check days on which you will attend the Meeting: ☐ Sat ☐ Sun ☐ Mon ☐ Tue ☐ Wed ☐ Thu

☐ Check here if you need special services due to a handicap. We will contact you before the Meeting.

■ **16 December deadline:** For registrations received by this date, we will mail registration badge, receipt, preliminary program, and voucher for the full program and abstracts. For registrations received after this date, we will hold all materials at the Advance Registrants' Desk at the San Francisco Hilton. Registrations postmarked after 16 December will be charged at the onsite rate. ■ Refund requests must be made by letter or telegram to the address below by 5 January and will be honored after the Meeting. **No refunds will be made for cancellations received after 5 January.** **Fees:** ① Nonmember fee includes introductory 6-month membership with 25 issues of *Science*. ② Student rates apply to full-time undergraduate and graduate students and retirees. ③ Seminar space is limited; late registrations cannot be guaranteed.

Mail to: AAAS, Annual Meeting Registration, Room 830
 1333 H Street, NW, Washington, DC 20005

Registration Fees

Meeting Only	Before 16 Dec	After 16 Dec
Regular member	<input type="checkbox"/> \$ 75	\$100
Regular nonmember ¹	<input type="checkbox"/> \$110	\$135
Student ² member	<input type="checkbox"/> \$ 35	\$ 50
Student nonmember	<input type="checkbox"/> \$ 55	\$ 70
Spouse of registrant	<input type="checkbox"/> \$ 55	\$ 55

Meeting and One Seminar³

Regular member	<input type="checkbox"/> \$160	\$185
Regular nonmember	<input type="checkbox"/> \$195	\$220
Student member	<input type="checkbox"/> \$ 75	\$ 90
Student nonmember	<input type="checkbox"/> \$ 95	\$110

Check ☐ Protein Folding
 one ☐ Plant Molecular Biology

Your registration fee \$ _____

Spouse registration fee \$ _____

TOTAL AMOUNT \$ _____

☐ Check ☐ VISA ☐ MasterCard
(No other cards accepted)

Card number _____ Expires _____

Signature _____

AAAS Hotel Reservation Form **AAAS Annual Meeting ♦ San Francisco** **14–19 January 1989**

Send confirmation to:

Name _____
(Last) (First & initial)

Mailing address _____
(Street)

(City/State) (Zip code) (Telephone number)

Other occupant(s) of room: _____
(Name) (Name)

Indicate special housing needs due to a handicap: ☐ Wheelchair-accessible room

☐ Other _____

Charge my major credit card (card type): _____

Card no. _____ Expires _____

Signature _____

- Reservations must be sent to the San Francisco Hilton Hotel on this official form by **16 December 1988**. Reservations received after this cut-off date are conditional on space availability.
- If the room rate requested is no longer available, the next available higher rate will be confirmed.
- Reservation changes and cancellations must be sent directly to the hotel.
- Rollaway beds or additional adult in room, \$20.
- Children stay free of charge in same room with parents if no extra bed is required.

San Francisco Hilton Hotel Rates

Check appropriate box for type of room desired. Add 11% tax to rates shown.

Choice	Single	Double
Standard	<input type="checkbox"/> \$ 89	<input type="checkbox"/> \$105
Superior	<input type="checkbox"/> \$ 99	<input type="checkbox"/> \$115
Deluxe	<input type="checkbox"/> \$109	<input type="checkbox"/> \$125
Suites	<input type="checkbox"/> \$200 & up	

Arrival date _____ Time _____

Departure date _____ Time _____

Please list definite arrival and departure dates and times. If you will arrive after 6:00 pm, this reservation must be accompanied by a deposit (room rate for one night plus tax); check or major credit card accepted.

Mail to: AAAS Reservations
 San Francisco Hilton
 1 Hilton Square
 San Francisco, CA 94102-2189