

the association, program and project descriptions, and highlights of the year's activities.

Elections and Appointments

By mail ballot in January 1988, the council elected Marvin Druger, W. Lawrence Gates, J. H. Mulligan, Jr., and Calvin O. Qualset as members of the committee on council affairs.

AAAS Section Steering Groups appointed the following section secretaries:

Section B (Physics): Rolf M. Sinclair (reappointed)

Section C (Chemistry): Blaine C. McKusick

Section O (Agriculture): Kenneth J. Frey

Section P (Industrial Science): Robert L. Stern (reappointed)

Section Q (Education): Ann C. Howe

Results of the 1987 general

and electorate elections were published in the 1 January 1988 issue of *Science*. Terms of all of the new officers began on 16 February 1988.

Affiliates

Three organizations—International Technology Education Association, National Center for Science Education, and The Planetary Society—were elected by the council as new affiliates.

Founded in 1939 and incorporated in 1956, the International Technology Education Association (ITEA) stresses two general purposes: (i) to define, stimulate, coordinate, and strive for the ideal form of technology education as a vital aspect of education for all students on all levels and (ii) to promote the improvement of the quality of instruction in technology education by assisting educators and

students to keep instructional content, methods, and facilities current with the rapid changes in industry and technology.

Through its 5700 members, the association functions on international, national, state, and local levels. ITEA also publishes *The Technology Teacher* eight times a year. Numerous other publications are disseminated by the association in support of research and teaching in science, as well as the advancement of science and technology education.

As a professional organization, ITEA works with the states on certification, evaluation, and in-service programs; conducts conferences; sponsors Science Technology Week; and helps to improve the standards of teaching and learning conditions in schools throughout the nation. Additionally, ITEA sponsors conferences, workshops, and

commissions related to technology education. Its programs for teachers, students, and supervisors are based on the premise that technology education is vitally important in a world where industry and technology are critical to every aspect of life. ITEA also has undertaken initiatives to explore and evaluate the societal impacts of technology.

Beginning as a national organization which coordinated the state (and provincial in Canada) Committees of Correspondence, the National Center for Science Education (NCSE) was founded in 1981 and was incorporated in Delaware in 1983. NCSE promotes—through its 700 members—the public understanding of the concept of evolution and of the nature of science itself, focusing on the education system.

The Committees of Correspondence are citizens' groups

AAAS Members Elected as Fellows on 15 February 1988

Isabella A. Abbott
Lawrence G. Abele
S. James Adelstein
Nina Agabian
B. L. Allen
Richard D. Allen
Raymond R. Allmaras
Carl R. Alving
Saul Amarel
Don L. Anderson
James G. Anderson
James H. Anderson
Frank A. L. Anet
Billy Ray Appleton
Bruce Arden
George John Armelagos
Sam M. Austin
Per Bak
D. James Baker
C. Wayne Bardin
Subhash C. Basu
Edwin D. Becker
Bernard Beer
Alexis T. Bell
Nuel D. Belnap
George Bernard Benedek
Ivan L. Bennett
J. Claude Bennett
James O. Berger
Wolfgang H. Berger
Arthur E. Bergles
Govindan Bhaskaran
Edwin L. Bierman
Lynn Allen Boatner
Marc H. Bornstein
Herbert W. Boyer
Ralph Alden Bradshaw
Roscoe R. Braham, Jr.
George A. Bray

Esther M. G. Breslow
James H. Brown
Janet Welsh Brown
Jerram L. Brown
Alphonse Buccino
Robert Lewis Burgess
Janet S. Butel
David Kelly Campbell
Joseph J. Campos
Neil R. Carlson
Mary E. Carter
Francis J. Castellino
Michael J. Chamberlin
Kathleen C. Chambers
James M. Cheverud
Richard C. Chu
Kathleen Church
Mortimer Mordecai Civan
W. Crawford Clark
Robert M. Coates
C. Clark Cockerham
Roberta F. Colman
Mary MacIvor Conway
Arthur Cooley
Minor J. Coon
Allan MacLeod Cormack
Eugene H. Cota-Robles
Joseph G. Coyne
John C. Crowley
Helena Curtis
Kent K. Curtis*
Raymond T. Damian
Sheldon Datz
Jeffrey S. Dean
Richard D. DeLauer
Michael Robert Dence
David L. Denlinger

*Posthumous

Pierre Deslongchamps
Richard E. Dickerson
Bruce R. Doe
Roy H. Doi
Paul Dowd
Frank D. Drake
Robert D. Drennan
Richard M. Dudley
Daniel E. Dykhuizen
Thomas G. Ebrey
Bobby R. Eddleman
John A. Eddy
Roger O. Egeberg
Sarah C. R. Elgin
Arthur S. Elstein
Franklin H. Epstein
Carlton K. Erickson
Thorild Ericson
Gerald Estrin
William E. Evans
Phyllis B. Eveleth
Robert E. Evenson
Thomas E. Everhart
Kristian Fauchald
Daniel D. Federman
Peter Feinsinger
William L. Fink
Peter T. Flawn
Gregory L. Florant
Judah Folkman
Richard B. Forward, Jr.
Mercedes S. Foster
Robert Thomas Fraley
Stanley Friedman
Vicki Ann Funk
W. S. Fyfe
Joseph J. Gajewski
Charles R. Gallistel
Howard Gardner

Sidney Anthony Gauthreaux, Jr.
E. Peter Geiduschek
Murray Gell-Mann
James Lowell Gibbs, Jr.
Walter Gilbert
David V. Glover
Robert D. Goldman
Harold Hill Goldsmith
Solomon W. Golomb
Leon Gordis
Michael M. Gottesman
Antonio M. Gotto, Jr.
David M. Grant
Wilson Greatbatch
John C. Greene
Jonathan E. Grindlay
Edgar Haber
Jerrier A. Haddad
Henry H. Hagedorn
Robert M. Hamilton
Patrick E. Hanna
William Hansel
Donald V. Hansen
Michael A. Harrison
Robert D. Havener
Wick C. Haxton
Robert Hall Haynes
H. Craig Heller
Sandy I. Helman
Roger C. Herdman
William P. Hettinger, Jr.
Carole S. Hickman
Christopher T. Hill
Douglas L. Hintzman
Carroll Ann Hodges
Robert S. Hoffmann
Pierre C. Hohenberg
Barbara A. Horwitz
Kendall N. Houk

concerned with promoting and defending the integrity of science education and were formed to respond to attacks from some sectarian quarters on the teaching of evolution. By use of volunteer task forces, NCSE conducts projects at the grassroots committee level. The center is also an active affiliate of the AAAS Pacific Division.

NCSE produces a monthly *Creation/Evolution Newsletter*. The book, *Reviews of 31 Creationist Books*, was published in 1984, and publication of *Voices for Evolution* is scheduled for the end of the year. Other publications are planned by the NCSE Textbook Task Force and other task forces that work to improve precollege science textbooks and teacher training.

To promote the scientific exploration of solar systems and the search for extraterrestrial life, The Planetary Society

(TPS) was incorporated by Carl Sagan and Bruce Murray in 1979. TPS membership comprises scientists and lay persons and exceeds 100,000 individuals worldwide. *The Planetary Report*, a bimonthly publication, and *Mars Underground News*, a quarterly, are published by the society.

In order to achieve its goals, the society has involved itself in many research and education projects. For example, TPS awards more than \$15,000 in scholarships to students each year; cosponsors conferences, such as the "Case for Mars III: Strategies for Exploration," a conference of scientists, engineers, and others; promotes the Mars Observer mission for a 1990 launch; gives support to the research Project META at Harvard University's Oak Ridge Telescope; awards grants for projects such as the Hay River

Radio Observatory in Canada and the Asteroid Project to locate Earth-crossing asteroids (principal investigator: Eleanor Helin of Jet Propulsion Laboratory and Mount Palomar Observatory); holds events and conferences to educate students, teachers, and the public about space science; and develops curriculum materials for educators. TPS has also initiated a Library Outreach Program for over 1000 school and community libraries across the United States.

Fellows

Proposed by steering groups of section committees, by groups of three AAAS Fellows, or by the AAAS executive officer, 302 members were elected by the council to the honor of Fellow in the association. Names of the new Fellows accompany this report.

Bylaw Amendments

An amendment to AAAS Constitution Article VI. Officers, Section 2. Administrative Officers, was presented to the AAAS membership last fall. The amendment proposed changing the last sentence of Section 2 from "Each Section Secretary shall be elected by his or her Section Committee for a term of four years" to "Each Section Secretary shall be appointed by the Section Steering Group for a term of four years." The amendment was ratified by the members and became effective upon adoption.

To ensure consistency with the recent constitutional amendment, the council approved the following amendments to AAAS Bylaw Article III, Sections 2 and 3 (former wording enclosed in parentheses and new wording italicized):

David Housman
Walter Isard
John David Jackson
Cynthia J. Jameson
Jules Janick
Ivan J. Jansen
Ernest G. Jaworski
Kwang W. Jeon
Howard P. Johnson
James W. Kalat
Edward T. Kanemasu
Nicholas D. Kazarinoff
Larry Lee Keeley
Henry W. Kendall
Walter J. Kender
Jack L. Kerrebrock
Daniel Porter Kimble
David T. Kingsbury
M. B. Kirkham
Gordon L. Kirkland, Jr.
Devra Gail Kleiman
Elizabeth Lee Klepper
Stephen Jay Kline
James C. Knox
Seymour H. Koenig
Peter Kovacic
David H. Krantz
Stephen W. Lagakos
Jack L. Lambert
Henry Oliver Lancaster
James S. Langer
Richard K. Lashof
Cathy C. Laurie-Ahlberg
Paul C. Lauterbur
John H. Law
Norman A. LeBel
Yuan T. Lee

John E. Leffler
Benjamin J. Leon
Karen B. Levitan
Edward S. Lewis
Roy S. Lewis
Shen Lin
James Matthew Lipton
Michael Locke
John M. Logsdon
Robert Simpson Loomis
Andrew J. Lovering
Paul B. MacCreedy, Jr.
James V. Maher, Jr.
John L. Margrave
Donald S. Matteson
Henry A. McGee, Jr.
John L. McLucas
Frederick P. Miller
Jeffrey B. Mitton
Emmett B. Moore, Jr.
Denton E. Morrison
Arthur T. Murphy
Dwight M. Nance
James H. Neely
Darrell Wayne Nelson
Elizabeth F. Neufeld
William A. Newman
Merle H. Niehaus
Elena O. Nightingale
Richard Novick
Rudolph F. Nunnemacher
William L. Nyhan
Robert J. Oakes
James J. O'Brien
James H. Oliver, Jr.
Mancur Olson
Irvin T. Omtvedt

Leslie E. Orgel
Paul R. Ortiz de Montellano
Eldon E. Ortman
Norman R. Pace
K. Sandy Pang
Irene Carswell Peden
Donald O. Pederson
Thor Pederson
Edmund D. Pellegrino
Charles J. Pellerin
Bruce F. Pennington
Martin L. Perl
Howard R. Petty
Dennis Clark Pirages
John H. Postlethwait
Harold A. Pratt
Lee H. Pratt
William Ball Provine
Dean G. Purcell
Deborah Rabinowitz
Robert Rabson
Arnold Lange Rheingold
Herbert H. Richardson
Reinhard M. Rieger
Richard A. Rifkind
Edward G. Rippie
Harold R. Roberts
Dean W. Robinson
Terrence Earl Robinson
Edwin Roedder
Carol L. Rogers
Nancy Grace Roman
Arnold E. Ross
John Philippe Rushton
Joseph W. Sanger
Melvin Santer
Evelyn Satinoff

Martin Saunders
Dwayne C. Savage
Howard J. Saz
Robert Schoen
Anthony Sclafani
A. I. Scott
John G. Seeley
Richard B. Setlow
Charles V. Shank
Alan E. Shapiro
Lucille Shapiro
Kenneth N. F. Shaw
Roberta G. Simmons
Philip M. Smith
Donald F. Steiner
David L. Stocum
Kenneth D. Stuart
Frank Talamantes
Michael J. Tannenbaum
John N. Thompson
James D. Thomson
Monte C. Throdahl
Margaret E. M. Tolbert
Martin Louis Tracey, Jr.
William Charles Trogler
Frank von Hippel
Salome Gluecksohn Waelisch
Harvey E. Wegner
Melvin Weisbart
Conrad John Weiser
Caroline Whitbeck
Torsten N. Wiesel
James R. Wilcox
Ward O. Winer
James W. Yackel
Ralph Granville Yount
Norman J. Zabusky

NOTE: Election requires an affirmative vote of a majority of Council members present at the meeting on 15 February.