

ers have none; and where it exists, this environmental knowledge is not always utilized in the development process. Throughout the region environmental training institutions, research centers, and coordination organizations should be strengthened while maintaining and mobilizing the specialized expertise which exists in the region to address environmental problems.

Sponsors of the Caribbean Regional Seminar were the AAAS Caribbean Division, the Interciencia Association, the Pan American Union of Engineering Societies, and the Center for Energy and Environment Research of the University of Puerto Rico. Support was furnished by the National Science Foundation, Organization of American States, Los Alamos National Laboratory, and Puerto Rican foundations and associations.

Obituaries

Bertram Cohen, retired chief chemist/technical director, C. B. Doyle, Westport, Connecticut, member of Section C since 1956, 21 December 1987.

Isadore Cohen of Howell, New Jersey, member of Section A since 1984, 15 December 1987.

Louise E. Cooper of Portage, Wisconsin, member of Section T since 1973, 29 January 1988.

Robert H. Gibbs, Jr., curator of the division of fishes, National Museum of Natural History, member of Section G since 1959, 3 April 1988.

Harold L. Hansen of Lebanon, Ohio, member of Section C since 1936, 29 December 1987.

George G. Haydu of LaJolla, California, member of Section N since 1947, 5 February 1988.

R. P. Johnson of Manhattan Beach, California, member of Section X since 1960, 11 February 1988.

Fred R. Keeler of Hillsboro, Ohio, member of Section E since 1984, 2 December 1987.

J. R. Killian, Jr., Massachusetts Institute of Technology, member of Section M since 1956, 29 January 1988.

Philip Levine of New York, New York, member of Section N since 1934, 18 October 1987.

Wilson McTeer, Walker Methodist Health Center, member of Section J since 1934, 3 November 1987.

John A. Maurer of Somerset, New Jersey, member of Section G since 1956, 20 March 1988.

W. Armstrong Price of Austin, Texas, member of Section E since 1912, 1 November 1987.

Akella N. Sastry, University of Rhode Island Graduate School of Oceanography, member of Section G since 1973, 7 December 1987.

T. S. Simpson, Jr., of Charlotte, North Carolina, member of Section M since 1970, 11 January 1988.

Elmer Stotz, Biochemistry Department, Medical and Dental School, University of Rochester, member of Section N since 1943, 22 November 1987.

William J. Troeller, Jr., of Union, New Jersey, member of Section C since 1952, 1 February 1988.

Leonide B. Vinokooroff of Grand Rapids, Michigan, member of Section L since 1959, 12 January 1988.

Richard Wistar of Los Altos, California, member of Section C since 1938, 29 October 1987.

J. J. Zuckerman, George Lynn Cross Researcher and professor of chemistry, University of Oklahoma, member of Section C since 1963, 4 December 1987.

AAAS Council Meeting, 1988

The AAAS Council held its annual meeting on 15 February 1988 in the Sheraton Boston Hotel, Boston, with President Sheila E. Widnall presiding and 61 of its 84 members in attendance. President-elect Walter E. Massey represented the AAAS Committee on Council Affairs.

Executive Officer's Report

Executive Officer Alvin W. Trivelpiece summarized 1988 budget information for the council. As background, he noted that 1987 marked a return to financial stability for the association after several years of budgeted deficits. Preliminary unaudited financial results infer a modest surplus of revenue versus expenses, primarily due to increased recruitment advertising in *Science*, the earlier sale of *Science 86* to Time, Inc., and controlled expenditures by AAAS operating managers.

New initiatives in 1988 will expand the association's services to its members. This fact, coupled with the unknown effect of the stock market decline on future industrial advertising in *Science*, led the board of directors to approve a deficit projection

for 1988. If classified advertising in *Science* continues its current trend of expansion, the projected deficit may not materialize. Proposed new initiatives include a clear-film mailing wrapper for *Science*, a bimonthly AAAS newsletter, a directory of members' names and addresses, several senior staff changes, and increased support of member and council programs. For example, an open house at headquarters was held in January to honor AAAS Fellows in the Washington area and to offer them a tour of the new facilities.

As part of a long-range fiscal plan, revenues in 1988 will be augmented by a \$5 dues increase (the first dues increase in 2 years), an increase in the cost of institutional subscriptions to *Science*, and a 7 percent increase in the advertising rate. The greatest gain in revenue from these sources, however, will occur in the years following 1988. Outside funding will expand from \$3.0 million in 1987 to \$3.7 million in 1988; much of this revenue is now in hand.

Since the association has grown to the point that it requires a conventional annual report, particularly as a resource to be used in development, the AAAS development office, with the assistance of other staff, will produce the inaugural publication in May. Features will include the audited year-end financial report, roster of AAAS Fellows approved annually by the council, annual summary of grants and contracts received by

Chairmen and Secretaries of AAAS Sections

MATHEMATICS (A)

Gian-Carlo Rota
Lynn Arthur Steen

PHYSICS (B)

Ronald Geballe
Rolf M. Sinclair

CHEMISTRY (C)

Ronald Breslow
Blaine C. McKusick

ASTRONOMY (D)

Virginia Trimble
John E. Gaustad

GEOLOGY AND GEOGRAPHY (E)

Bevan M. French
Helen M. McCammon

BIOLOGICAL SCIENCES (G)

Bruce L. Umminger
Judith P. Grassle

ANTHROPOLOGY (H)

Irven DeVore
Priscilla Reining

PSYCHOLOGY (J)

Julian Hochberg
William N. Dember

SOCIAL, ECONOMIC, AND POLITICAL SCIENCES (K)

Judith Blake
William R. Freudenburg

HISTORY AND PHILOSOPHY OF SCIENCE (L)

David Hull
Arthur L. Norberg

ENGINEERING (M)

Leroy S. Fletcher
W. Edward Lear

MEDICAL SCIENCES (N)

Arnold S. Relman
Henry Blackburn

AGRICULTURE (O)

William L. Colville
Kenneth J. Frey

INDUSTRIAL SCIENCE (P)

Charles F. Larson
Robert L. Stern

EDUCATION (Q)

Victor J. Mayer
(To be appointed.)

DENTISTRY (R)

Ernest Newbrun
Marie U. Nylen

PHARMACEUTICAL SCIENCES (S)

Robert A. Wiley
Betty-ann Hoener

INFORMATION, COMPUTING, AND COMMUNICATION (T)

Jerome A. Feldman
Elliot R. Siegel

STATISTICS (U)

Judith M. Tanur
Joan R. Rosenblatt

ATMOSPHERIC AND HYDROSPHERIC SCIENCES (W)

John H. Steele
William H. Beasley

SOCIETAL IMPACTS OF SCIENCE AND ENGINEERING (X)

Albert H. Teich
Rosemary Chalk

GENERAL INTEREST IN SCIENCE AND ENGINEERING (Y)

Ertle Thompson
James M. McCullough

AAAS Divisions

ARCTIC DIVISION

Thomas Morehouse
President

Gunter E. Weller
Executive Secretary

CARIBBEAN DIVISION

Herminio Lugo Lugo
President

Lucy Gaspar
Secretary-Treasurer

PACIFIC DIVISION

Orrin E. Smith
President

Alan E. Leviton
Executive Director

SOUTHWESTERN AND ROCKY MOUNTAIN DIVISION

Richard S. Glass
President

M. Michelle Balcomb
Executive Director

For more information about the activities and publications described in "AAAS News," write to the appropriate office, AAAS, 1333 H Street, NW, Washington, D.C. 20005, unless otherwise indicated.

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.

Section 2. Section Committees . . . (c) Membership. . . The Section Secretary shall be (elected by the Section Committee) appointed by the Section Steering Group for a four-year term to begin following the Annual Meeting held after the appointment.

Section 3. Steering Groups of the Section Committees, (a) Function. . . (iii): at four-year intervals, (present to the Section Committee for election by mail ballot at least two nominations for the position of) appoint the Section Secretary.

On a separate topic related to affiliates, president-elect Massey explained the need for a bylaw revision that would prompt a new or longtime affiliate to appoint (or reappoint) within a reasonable time period a representative—who is a dues-paying member of AAAS—to at least one association section. This is the primary requirement of AAAS affiliation with which an affiliate must comply.

Since it had become increasingly difficult to persuade some of the affiliates to fulfill this obligation, the council approved amending AAAS Bylaw Article I. Membership and Affiliation, Section 3. Affiliates, by adding the following two sentences:

"Failure of the Affiliate to appoint within one year a representative to at least one Section Committee will result in initiation of disaffiliation procedures. In addition, failure of the Affiliate to appoint within one year a representative to other Sections in which it is enrolled will result in automatic cancellation of enrollment in those Sections."

Resolution

One resolution was adopted jointly by the council and the board of directors as follows:

Resolution of Commendation, submitted by AAAS Committee on Council Affairs.

Resolution of Commendation: The Board of Directors and the Council of the American Association for the Advancement of Science extend their highest commendation to President Ronald Reagan and General Secretary Mikhail Gorbachev for their outstanding leadership in reducing the deployment of nuclear weapons as specified in the "Treaty between the United States of America and the Union of Soviet Socialist Republics on the Elimination of

Their Intermediate-Range and Shorter Range Missiles," signed in Washington, D.C., December 8, 1987. This treaty is a critical first step of monumental importance in the cause of reducing the risk of nuclear war. We wish President Reagan and General Secretary Gorbachev success in their future efforts in this cause.—Adopted by the AAAS Board of Directors and AAAS Council at the AAAS Annual Meeting in Boston, Massachusetts, February 15, 1988 (version to be sent to Ronald Reagan).

Resolution of Commendation: The Board of Directors and the Council of the American Association for the Advancement of Science extend their highest commendation to General Secretary Mikhail Gorbachev and President Ronald Reagan for their outstanding leadership in reducing the deployment of nuclear weapons as specified in the "Treaty between the Union of Soviet Socialist Republics and the United States of America on the Elimination of Their Intermediate-Range and Shorter Range Missiles," signed in Washington, D.C., December 8, 1987. This treaty is a critical first step of monumental importance in the cause of reducing the risk of nuclear war. We wish General Secretary Gorbachev and President Reagan success in their future efforts in this cause.—Adopted by the AAAS Board of Directors and AAAS Council at the AAAS Annual Meeting in Boston, Massachusetts, February 15, 1988 (version to be translated into Russian and sent to General Secretary Gorbachev).

Fellow Election Process

As required by AAAS bylaws, the committee on council affairs had participated in a triennial review of the nomination and election process as stated in Bylaw Article I. Membership and Affiliation, Section 2. Fellows, and as procedurally implemented by staff. The committee recommended and the council agreed that the Fellow election process should not be revised.

Council Delegates Formula

Also as required by AAAS bylaws, the committee on council affairs had undertaken a quinquennial review of the formula used to determine the number of council delegates assigned per electorate as stated in Bylaw Article II. Electorates, Section 2.

Prerogatives of Electorates, and as procedurally implemented by staff. The council agreed with the committee's recommendation that the current formula of council delegates per electorate remain unchanged.

Project 2061

To update the council on the status of Project 2061: Education for a Changing Future, F. James Rutherford, AAAS education adviser and director of the project, outlined the project and its accomplishments to date.

Project 2061, a major program aimed at improving science and technology education in the nation's schools, was launched by AAAS in June 1985 with funding by Carnegie Corporation of New York and The Andrew W. Mellon Foundation, as well as by the Association. Emphasizing the long-range nature of the project's concerns, the project was named for the year when Halley's Comet next returns.

The project is taking an innovative look at science education in three phases—Phase I: the fundamental knowledge in science, mathematics, and technology every young person needs to learn as a result of 13 years of schooling; Phase II: models in curricula design, incorporating Phase I recommendations for schools, districts, and states to use in restructuring teaching, teacher training, testing, textbooks, and school organization; and Phase III: strategies to help educators effect the final recommendations.

To give oversight to the first phase of the project, a national council on science and technology education had been appointed with the advice of the AAAS Board of Directors. William O. Baker, former chairman of the Board at AT&T Bell Laboratories, and Margaret L. A. MacVicar, dean for undergraduate education at Massachusetts Institute of Technology, were chosen to cochair the national council.

During its first phase, the project has produced five panel

reports: *The Biological and Health Sciences* by Helen Ranney and Mary Clark; *Mathematics* by David Blackwell and Leon Henkin; *The Social and Behavioral Sciences* by Mortimer H. Appley; *The Physical Sciences, Information Sciences, and Engineering* by George Bugliarello; and *Technology* by James R. Johnson. Additionally, project staff have created an integrated draft report—"What Science Is Most Worth Knowing?"—which synthesizes general concepts across the broad spectrum of science and incorporates ideas obtained from the panel reports, from notes taken at—and transcriptions of—all of the panel meetings, and from consultations with advisers, panelists, and council members.

The report has been sent for external review to 250 individuals identified by the national council, by the AAAS section secretaries, and by educational organizations. After this review, the draft report will be submitted to the national council on science and technology education for its official approval before presentation to the AAAS Board of Directors in June for final approval.

President Widnall explained the original attitude of the board of directors toward the project as that of launching a vital creative and pragmatic effort to influence science and technology education in the United States. She reiterated Rutherford's assessment that from the beginning the project was anticipated as a venture of high risk and high visibility, yet with an unmatched opportunity for AAAS to set up a process that could serve the country well during a time of nationally recognized crisis in science and technology education.

To apprise the council of the contents of the Project 2061 Phase I integrated draft report, the document was sent—immediately following the annual meeting—to section officers of the 22 AAAS sections and to council members.

MARGE WHITE
Executive Office