

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

Science serves its readers as a forum for the presentation and discussion of important issues related to the advancement of science, including the presentation of minority or conflicting points of view, rather than by publishing only material on which a consensus has been reached. Accordingly, all articles published in *Science*—including editorials, news and comment, and book reviews—are signed and reflect the individual views of the authors and not official points of view adopted by the AAAS or the institutions with which the authors are affiliated.

Editorial Board

1970

GUSTAF O. ARRHENIUS	RICHARD C. LEWONTIN
FRED R. EGGAN	ALFRED O. C. NIER
HARRY F. HARLOW	FRANK W. PUTNAM
MILTON HARRIS	

1971

THOMAS EISNER	NEAL MILLER
AMITAI ETZIONI	BRUCE MURRAY
EMIL HAURY	JOHN R. PIERCE
DANIEL KOSHLAND, JR.	

Editorial Staff

Editor

PHILIP H. ABELSON

Publisher

WILLIAM BEVAN

Business Manager

HANS NUSSBAUM

Managing Editor: ROBERT V. ORMES

Assistant Editors: ELLEN E. MURPHY, JOHN E. RINGLE

Assistant to the Editor: NANCY TEIMOURIAN

News Editor: DANIEL S. GREENBERG

Foreign Editor: JOHN WALSH

News and Comment: LUTHER J. CARTER, PHILIP M. BOFFEY, CONSTANCE HOLDEN, SCHERRAINE MACK

Book Reviews: SYLVIA EBERHART, KATHERINE LIVINGSTON, ANN BARKDOLL

Cover Editor: GRAYCE FINGER

Editorial Assistants: JOANNE BELK, ISABELLA BOULDIN, ELEANORE BUTZ, NANCY HAMILTON, CORINE HARRIS, OLIVER HEATWOLE, ANNE HOLDSWORTH, MARSHALL KATHAN, MARGARET LLOYD, VIRGINIA NUSSLE, PATRICIA ROWE, LEAH RYAN, LOIS SCHMITT, BARBARA SHEFFER, YA LI SWIGART, ALICE THEILE, MARIE WEBNER

Membership Recruitment: PATRICIA CAESAR; Subscriptions: BETT SEEMUND; Addressing: THOMAS BAZAN

Advertising Staff

Director

EARL J. SCHERAGO

Production Manager

KAY GOLDSTEIN

Advertising Sales Manager: RICHARD L. CHARLES

Sales: NEW YORK, N.Y. 10036: Robert S. Bugbee, 11 W. 42 St. (212-PE-6-1858); SCOTCH PLAINS, N.J. 07076: C. Richard Callis, 12 Unami Lane (201-889-4873); MEDFIELD, MASS. 02052: Richard M. Ezequille, 4 Rolling Lane (617-444-1439); CHICAGO, ILL. 60611: Herbert L. Burklund, Room 2107, 919 N. Michigan Ave. (312-DE-7-4973); BEVERLY HILLS, CALIF. 90211: Winn Nance, 111 N. La Cienega Blvd. (213-657-2772)

EDITORIAL CORRESPONDENCE: 1515 Massachusetts Ave., NW, Washington, D.C. 20005. Phone: 202-387-7171. Cable: Advancesci, Washington. Copies of "Instructions for Contributors" can be obtained from the editorial office. See also page xv, *Science*, 25 September 1970. ADVERTISING CORRESPONDENCE: Room 1740, 11 W. 42 St., New York, N.Y. 10036. Phone: 212-PE-6-1858.

Introducing William Bevan

On 1 October 1970, a new Executive Officer assumed the principal administrative responsibilities of the AAAS. Like his predecessor, Dael Wolfe, William Bevan is a psychologist of high professional standing who has subsequently acquired notable administrative skill and experience. His contributions to the fields of sensory psychology and perception exceed 130 in number, and include a jointly authored bibliography on *Fatigue, Stress, Bodily Change and Behavior* (1957), and a book, *Contemporary Approaches to Psychology* (1967), edited with H. Helson. Most recently, since 1966, he has served as vice president and provost of the Johns Hopkins University, where he earned the cordial respect and cooperation of the faculty, students, and his fellow administrators. He has served increasingly on public and private advisory bodies and committees.

Born in 1922 in Pennsylvania, William Bevan received his A.B. degree from Franklin and Marshall College in 1942, and an M.A. and Ph.D. from Duke University in 1943 and 1948, respectively. He also earned a Phi Beta Kappa key and membership in Sigma Xi. He has taught psychology at Duke University, Heidelberg College, Emory University, and Kansas State University. At the last-named institution, he gravitated from the chairmanship of his department to a deanship (arts and sciences) and then to a vice presidency for academic affairs. He has nevertheless always managed to continue some teaching and research, even during the busy years at Johns Hopkins. He spent the year 1965-66 at the Center for Advanced Study in the Behavioral Sciences (Stanford).

During the next decade the AAAS hopes to enter a period of greatly augmented growth and influence. Although it is already the largest general scientific organization in the United States, it consists mainly of scientists, engineers, physicians, and other professional persons in science and technology. If the goals, so strongly emphasized in recent years, of assisting the applications of science to human welfare and of promoting the public understanding of science are to be fulfilled, much more must be done than heretofore. Membership must be extended to include many persons who are interested in science and who are concerned about its effects but who are not scientists themselves. Young people, many of them potential scientists, must be enlisted. Without disturbing the characteristics of *Science*, so excellent for its present public, other means of communication with the general public and the younger generations must be developed—possibly a new periodical, a television program, or a science newspaper. The ways and means of developing such a program are of vital interest to William Bevan, who foresees the AAAS as the responsible public voice and agent of science in the halls of government, in science education, and in the public forum. The Board of Directors is highly pleased to have found a man who will welcome the challenge of such responsibilities and make the AAAS a larger influence in a world increasingly dominated by the advancement of science and its applications to human welfare.

BENTLEY GLASS, *Chairman of the Board of Directors, AAAS*