

entific Manpower Commission has compiled a highly detailed and completely cross-indexed statistical record of the historical patterns and present proportions of women and minorities preparing for and participating in the professional labor force. Enrollments, degrees, and employment in industry, government, and academic institutions are detailed in every field and subfield.

The first edition, issued in 1975, has been useful for manpower planners and those concerned with affirmative action. The new edition includes a bibliography and list of recruitment resources for women and minorities.

*Professional Women and Minorities—A Manpower Data Resource Service* is available for \$75 from the Scientific Manpower Commission at the AAAS address. A handling charge of \$2 is applied to orders not prepaid.

BETTY VETTER  
Director,  
Scientific Manpower Commission

## Seattle Seminar to Discuss Energy and Indian Lands

The first of the new AAAS Regional Energy Seminar Series, "Energy and Northwest Indian Lands," will be held at the Pacific Science Center in Seattle, 13 and 14 November 1978.

Energy planning for the future as it affects both Indian and non-Indian interests will be the seminar's theme.

Topics to be covered will include conventional and developing energy technologies; effects on water, fishing, and timber; federal and state policies; socio-cultural changes; and corporate-Indian relationships.

Participants and speakers will come from Washington, northern California, Oregon, Idaho, western Montana, and southern Alaska.

Cosponsoring the seminar along with

the AAAS are the University of Washington, the United Indians of All Tribes, the United Indian Planners Association, and the Small Tribes of Western Washington. Funding for the Energy Seminar Series comes from the U.S. Department of Energy.

For further information, contact Rayna Green, director, Project on Native Americans in Science at the AAAS address.

## For the Library

*Solar Energy in America*, by William D. Metz and Allen L. Hammond. Based on Research News reports from *Science* magazine, the book discusses the diverse solar energy technologies and evaluates the potential and the problems of each. Both short-term and long-range prospects of these technologies are explored. Retail price:\* \$18.50 casebound, \$8.50 paperbound.

\* \* \* \*

*Health Care: Regulation, Economics, Ethics, Practice*, edited by Philip H. Abelson. This seventh volume in the AAAS *Science Compendia Series* discusses recent advances in medical practice as well as the underlying components of the present-day health-care system. Subjects include government regulation, preventive medicine, evaluating new techniques and trends, and ethical questions in medical practice and research. Retail price:\* \$14 casebound, \$6 paperbound.

\* \* \* \*

*R&D in the Federal Budget: R&D, Industry, and the Economy*. Proceedings of the third annual AAAS Colloquium on R&D Policy examines policies and programs in the President's budget and explores funding and problems of R&D in industry and the impact of R&D—government and private—on the economy. Includes prepared texts of speakers from the Executive Office of the President, the Congress, the Department of Commerce, industry, and academia, as well as summaries of the discussions that followed. Retail price:\* \$6.

\* \* \* \*

*Resource Directory of Handicapped Scientists*. The *Directory* provides a means of identifying handicapped scientists.  
(Continued on page 543)



The 1978-79 Congressional Science and Engineering Fellows (shown above; sponsoring organization and congressional host office are given after each name) are, *top row, left to right*, Tom Althuis, American Chemical Society, House Committee on Science and Technology; Chris Schatte, Federation of American Societies for Experimental Biology, Senator Gary Hart; Dan Koretz, American Psychological Association, Congressional Budget Office; Paul Gilman, AAAS, Senator Pete V. Domenici; Ron Preston, Duke University, Senator John A. Durkin; Louis Friedman, American Institute of Aeronautics and Astronautics, Senate Committee on Commerce, Science, and Transportation; *middle row*, Donna Chmielewski, AAAS, Representative Abner J. Mikva; Susan McAdams, Duke University, Senator Warren G. Magnuson; Jill Wittels, American Physical Society, Senator William Proxmire; Chris Bernabo, American Geophysical Union, Representative George E. Brown, Jr.; Ann Marie Norberg, American Society for Microbiology, Representative Andrew Maguire; *front row*, Greg Lee, American Mathematical Society/Mathematical Association of America/Society for Industrial and Applied Mathematics, House Committee on Science and Technology; Karabelle Pizzigati, AAAS, Representative James M. Jeffords; Jack Weatherford, AAAS, Senator John Glenn; Anne Cohn, AAAS, Representative Albert Gore, Jr.; Gretchen Engquist, Duke University, Senate Committee on Human Resources; Gerald Butrimovitz, American Association for Clinical Chemistry, Senator Donald Riegle; Fred Bernthal, American Physical Society, Senator Howard H. Baker. Not shown: Ian Whyte, Institute of Electrical and Electronic Engineers, Representative Mike McCormack; Dave Lewis, Institute of Electrical and Electronic Engineers (congressional assignment not yet determined); and two more Fellows yet to be chosen.

\*To order, write AAAS Sales Department, 1515 Massachusetts Avenue, NW, Washington, D.C. 20005. AAAS members receive a 10 percent discount off retail price. Remittance must accompany all orders under \$10.

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(Continued from page 508)

tists who can share their experience, both as scientists and as handicapped persons, with government agencies, Congress, scientific societies, educational institutions, and organizations of and for handicapped individuals. Compilation of the *Directory* was supported by a grant from the National Science Foundation.

The *Directory* includes a geographical index, a discipline index, an index of handicapping conditions, and an index of handicapped women scientists. A guide for use, prepared by the AAAS, accompanies the *Directory*. Copies are available from the Office of Opportunities in Science at the AAAS address at \$3 per copy.

\* \* \* \*

*Science for Handicapped Students in Higher Education*. Identifies and analyzes the barriers which prevent many handicapped students from obtaining science education at or beyond the college level, and develops strategies and recommendations for overcoming those barriers. Work was done under a grant from the National Science Foundation. Barriers of attitude, information, communication, environment, academics, and finance are discussed. The report includes a bibliography. Limited copies are available, free, from the Office of Opportunities in Science at the AAAS address.

### Guide to Scientific Instruments Delayed by Strike

The AAAS *Guide to Scientific Instruments*, which was scheduled to be printed in September, has been delayed by a strike at the paper manufacturer's plant in Ohio. Printing and mailing will be re-scheduled as soon as the strike is over or other paper can be obtained.

For more information about the activities and publications described in "AAAS News," write to the appropriate office, AAAS, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036, unless otherwise indicated.

## BOOKS RECEIVED

(Continued from page 512)

**Minorities in Science.** The Challenge for Change in Biomedicine. Proceedings of a AAAS conference, Boston, Feb. 1976. Vijaya L. Melnick and Franklin D. Hamilton. Eds. Plenum, New York, 1978. xxiv, 296 pp. \$19.50.

**Mitochondria 1977.** Genetics and Biogenesis of Mitochondria. Proceedings of a colloquium, Schliersee, Germany, Aug. 1977. W. Bandlow, R. J. Schweyen, K. Wolf, and F. Kaudewitz, Eds. Walter de Gruyter, Berlin, 1977. xx, 672 pp., illus. DM 190.

**Monitoring in Anesthesia.** Lawrence J. Saidman and N. Ty Smith. Wiley, New York, 1978. xx, 356 pp., illus. \$25. Wiley Series in Anesthesiology.

**The Net and the Quest.** Patterns of Community and How They Can Survive Progress. Pica Press, New York, 1978 (distributor, Universe Books, New York). 264 pp. \$15.

**The Neurobiology of Behavior.** An Introduction. Gordon J. Mogenson. Erlbaum, Hillsdale, N.J., 1977 (distributor, Halsted [Wiley], New York). xii, 334 pp., illus. \$14.95.

**Neuroleptics and Schizophrenia.** Leslie L. Iverson, Susan D. Iversen, and Solomon H. Snyder, Eds. Plenum, New York, 1978. xii, 250 pp., illus. \$25. Handbook of Psychopharmacology, vol. 10.

**Origins of Human Cancer.** Papers from a conference, Cold Spring Harbor, N.Y., Sept. 1976. H. H. Hiatt, J. D. Watson, and J. A. Winsten, Eds. Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y., 1977. Three books. Book A, Incidence of Cancer in Humans. xxviii, 602 pp., illus. Book B, Mechanisms of Carcinogenesis. xvi + pp. 603-1304, illus. Book C, Human Risk Assessment. xvi + 1305-1890, illus. The set, \$45. Cold Spring Harbor Conferences on Cell Proliferation, vol. 4.

**Oxalic Acid in Biology and Medicine.** A. Hodgkinson. Academic Press, New York, 1977. xiv, 326 pp., illus. \$30.25.

**Palynology.** Marjorie D. Muir and William A. A. Sarjeant, Eds. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1977 (distributor, Academic Press, New York). Two volumes. Part 1, Spores and Pollen. xvi, 384 pp., illus. \$24.50. Part 2, Dinoflagellates, Acritarchs, and Other Microfossils. xvi, 416 pp., illus. \$24.50. Benchmark Papers in Geology, vols. 46 and 47.

**Pattern Recognition.** Ideas in Practice. Bruce G. Batchelor, Ed. Plenum, New York, 1978. xvi, 486 pp., illus. \$39.50.

**Pediatric Nephrology.** Vol. 4, Renal Failure: Current Concepts in Diagnosis and Management. Proceedings of a seminar, Miami, Jan. 1977. José Strauss, Ed. Garland STPM Press, New York, 1978. xiv, 272 pp., illus. \$29.50.

**Permanent Magnets in Theory and Practice.** Malcolm McCaig. Halsted (Wiley), New York, 1977. x, 374 pp., illus. \$30.

**Perspectives in Ethology.** Vol. 3, Social Behavior. P. P. G. Bateson and Peter H. Klopfer, Eds. Plenum, New York, 1978. xiv, 264 pp., illus. \$22.50.

**Pest Control Strategies.** Papers from a symposium, Ithaca, N.Y., June 1977. Academic Press, New York, 1978. xvi, 334 pp., illus. \$16.

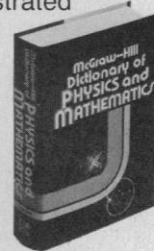
**Vibrations and Waves in Physics.** Ian G. Main. Cambridge University Press, New York, 1978. xiv, 336 pp., illus. Cloth, \$37.50; paper, \$8.95.

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