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meets in Santa Barbara, California. For more information on Division publications and meetings, write Alan E. Leviton, executive director, Pacific Division, AAAS, c/o California Academy of Sciences, San Francisco, California 94118.

News from Interciencia

Symposia on topics relating science and technology to development issues continue to be organized by the Interciencia Association (IA), the inter-American federation of national scientific organizations which AAAS helped to found in 1975. These events, 14 of which have been sponsored since 1976, have taken place in all eight countries which comprise the Interciencia group (Brazil, Canada, Colombia, Costa Rica, Jamaica, Mexico, the United States, and Venezuela).

IA will join with the Venezuelan Association for the Advancement of Science, the Apsen Institute's Food and Climate Forum, and the Venezuelan Ministry of Agriculture in sponsoring "Agro-Climate Modelling and Information Systems" at Caracas on 20-26 September 1981. A symposium, "Biomass Substitutes for Liquid Fuels," is scheduled tentatively for Campinas, Brazil, 20-23 October 1981, with IA and the Brazilian Society for the Progress of Science as cosponsors.

Symposia were held at Kingston, Toronto, and Caracas in the late 1980 and early 1981. With the Jamaican Society of Scientists and Technologists as cosponsor, the Kingston meeting on 18-21 November 1980, dealt with "Materials for the Future: Renewable Organic Resources for Industrial Raw Materials." Thirty experts from 12 countries presented some 20 papers. The U.S. component was led by Irving Goldstein of North Carolina State University.

At the AAAS meeting in Toronto, IA and the Association of the Scientific, Technological, and Engineering Community of Canada (SCITEC) cosponsored panels on acid rain and the cancer cell surface. With the support of the Canadian International Development Agency, they also organized a seminar for Latin American science writers.

At Caracas, 8-12 March 1981, IA joined with the Venezuelan Association in presenting "The Scientific Community and Its Role in Decision-Making on Development Alternatives." Thirty-four participants from eight countries participated in the symposium, which was sup-

ported by Venezuela's National Council for Scientific and Technological Research. *Interciencia* editor Marcel Roche was a coarranger of the event, which included presentations by scholars as well as government officials including two cabinet ministers. Participants from AAAS included past president Emilio Q. Daddario and Michael Moravcsik of the University of Oregon.

With its May-June issue, the journal *Interciencia* observed its fifth anniversary of uninterrupted publication under the editorship of Marcel Roche. The bi-monthly publication, "a journal of science and technology for development," contains articles in Spanish, English, and Portuguese, with abstracts in all three languages.

JAMES W. ROWE

Office of International Science

Reduced Chautauqua Program for 1981-82

In February a zero-budget program of Chautauqua Short Courses for College Teachers loomed on the horizon for the 1981-82 academic year. The AAAS Office of Science Education is now pleased to announce that a reduced program of 30 short courses will be offered for the 1981-82 academic year. The prospect for 1982-83, however, does not look good.

From late October 1981 through April 1982, 12 regional field centers each will host four to five short courses (on the average). The topics remain timely, including astronomy bizarre; qualitative physics; industrial organic and pharmaceutical chemistry; genetics and society; arms uncontrolled; cognition and teaching; problem solving; and microcomputers in the laboratory.

Two changes of note are that most courses will be offered in single sessions of 3 days and no support for participants' lodging will be available. The full schedule of courses will appear in the 4 September issue of *Science*.

A brochure with descriptions of the various courses, as well as schedules and application forms, will be available later this month from the AAAS Office of Science Education, Box 81-82, at the AAAS address.

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

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ence, New York 1981. xx, 806 pp., illus. \$35. Wiley Series on Personality Processes.

Handbook of the Hypothalamus. Vol. 3, Behavioral Studies of the Hypothalamus. Part B. Peter J. Morgane and Jaak Panksepp, Eds. Dekker, New York, 1981. xiv, 464 pp., illus. \$93.50.

Handbook on Reference Methods for Soil Testing. Council on Soil Testing and Plant Analysis, Athens, Ga., ed. 2, 1980. xxii, 130 pp. Paper, \$7.50.

Handling Radioactivity. A Practical Approach for Scientists and Engineers. Donald C. Stewart. Wiley-Interscience, New York, 1980. xvi, 282 pp., illus. \$35.

Interventional Diagnostic and Therapeutic Procedures. Barry T. Katzen. Springer-Verlag, New York, 1980. xviii, 156 pp., illus. \$22.50. Comprehensive Manuals in Radiology.

Introduction to Applicable Mathematics. Part 1, Elementary Analysis. Fred A. Hinchey. Halsted (Wiley), New York, 1981. viii, 288 pp. \$19.95.

An Introduction to Chemical Equilibrium and Kinetics. Louis Meites. Pergamon, New York, 1981. xiv, 550 pp., illus. Cloth, \$75; paper, \$19.95. Pergamon Series in Analytical Chemistry, vol. 1.

Introduction to Colloid and Surface Chemistry. Duncan J. Shaw. Butterworths, Boston, ed. 3, 1980. vii, 274 pp., illus. \$14.95.

Muscular Dystrophy Research. Advances and New Trends. Proceedings of a symposium, Venice, Apr. 1980. C. Angelini, G. A. Danielli, and D. Fontanari, Eds. Excerpta Medica, Amsterdam, 1980 (U.S. distributor, Elsevier North-Holland, New York). xii, 332 pp., illus. \$68.25.

The Natural Environment and the Biogeochemical Cycles. O. Hutzinger, Ed. Springer-Verlag, New York, 1980. xvi, 258 pp., illus. \$57.90. The Handbook of Environmental Chemistry, vol. 1, part A.

Nippon. A Charted Survey of Japan 1980/81. Edited by the Tsuseta Yano Memorial Society under supervision of Ichiro Yano. Kokusei-sha, Tokyo, 1980. 350 pp., illus. Y 3700.

North Sea Oil. Resource Requirements for Development of the U.K. Sector. J. Kenneth Klitz. Pergamon, New York, 1980. xiv, 260 pp., illus. \$36.

Origins and Evolution of Eukaryotic Intracellular Organelles. Papers from a conference, Jan. 1980. Jerome F. Frederick, Ed. New York Academy of Sciences, New York, 1981. x, 512 pp., illus. Cloth or paper, \$99. *Annals of the New York Academy of Sciences*, vol. 361.

Other Worlds. A Portrait of Nature in Rebellion. Space, Superspace and the Quantum Universe. Paul Davies. Simon and Schuster, New York, 1981. 208 pp. \$11.95.

Peace against War. The Ecology of International Violence. Francis A. Beer. Freeman, San Francisco, 1981. xxviii, 448 pp., illus. \$19.95. A Series of Books in International Relations.

Robust Statistics. Peter J. Huber. Wiley, New York, 1981. xii, 308 pp. \$28.95.

The Science of Entomology. William S. Romoser. Macmillan, New York, and Collier Macmillan, London, ed. 2, 1981. xiv, 576 pp., illus. \$21.95.

Science, Students, and Schools. A Guide for the Middle and Secondary School Teacher. Ronald D. Simpson and Norman D. Anderson. Wiley, New York, 1981. xiv, 558 pp., illus. \$18.95.

The Sciences of the Artificial. Herbert A. Simon. MIT Press, Cambridge, Mass., ed. 2, 1981. xiv, 248 pp., illus. Paper. \$4.95.

Techniques and Applications of Path Integration. L. S. Schulman. Wiley-Interscience, New York, 1981. xviii, 360 pp. \$31.95.

Techniques in Operational Research. Vol. 2, Models, Search and Randomization. Brian Conolly. Horwood, Chichester, England, and Halsted (Wiley), New York, 1981. 338 pp., illus. \$77.95. Ellis Horwood Series in Mathematics and Its Applications.

Technology Transfer, Innovation, and International Competitiveness. Sherman Gee. Wiley-Interscience, New York, 1981. xii, 228 pp., illus. \$23.50.

Tested Studies for Laboratory Teaching. Proceedings of a conference, Calgary, Canada, June 1979. Jon C. Glase, Ed. Kendall/Hunt, Dubuque, Iowa, 1980. xvi, 272 pp., illus. \$19.95.

Thallium-201 and Technetium-99m-Pyrophosphate. Myocardial Imaging in the Coronary Care Unit. Frans J. Th. Wackers, Ed. Nijhoff, The Hague, 1981 (U.S. distributor, Kluwer Boston, Hingham, Mass.). xii, 256 pp., illus. \$42. Developments in Cardiovascular Medicine, 9.

Theoretical Aspects and New Developments in Magneto-Optics. Proceedings of an institute, Antwerp, July 1979. Jozef T. Devreese, Ed. Plenum, New York, 1980. xii, 626 pp., illus. \$69.50. NATO Advanced Study Institutes Series B, vol. 60.

Wilderness Rivers of America. Michael Jenkinson. Abrams, New York, 1981. 276 pp., illus. + index. \$40. A Chanticleer Press Edition.