

Grants Offered for Foreign Students to Attend R & D Colloquium

Foreign students studying in the United States are invited to apply for grants of up to \$200 toward travel and per diem expenses for attending the 4th Annual Colloquium on R & D and Public Policy, to be held in Washington, D.C., 19 and 20 June 1979. Registration expenses for successful applicants will be paid by AAAS. Topics will include: Federal R & D, Industry R & D and the Economy, International Aspects of R & D, and Science and Basic Research.

Applicants should send: (i) a curriculum vitae, (ii) a budget (round trip travel to Washington, D.C., and per diem), and (iii) a short statement (250 to 300 words) describing focus of current research, career plans (how training is expected to be applied on return to home country), and interest in attending the R & D Colloquium, to Denise Weiner, Office of International Science at the AAAS address. Applications must be received no later than 20 April 1979.

The annual science policy colloquium provides a forum for leaders in government, industry, and the scientific and technical community to discuss with AAAS members issues of current concern relating to research and development and public policy.

training programs, and recruitment and training in engineering and the nuclear industry. Other themes were Indian water rights; social and policy impacts of energy development, with reports on changes being brought about in Montana through exploitation of mineral resources and on the Spokane Tribes by uranium mining expansion; and the siting, primarily on tribal lands, of major energy facilities—environmental consequences, planning for operations, and dispute mediation.

During the closing comments, tribal leaders expressed appreciation that representatives of these diverse interests had been brought together and promised further cooperation among them.

Cosponsoring the conference with AAAS were the Small Tribes Organization of Western Washington, United Indian Planners Association, United Indians of All Tribes Federation, and the Graduate School of Public Affairs of the University of Washington. The conference was coordinated by the AAAS Project on Native Americans in Science and the Office of Public Sector Programs.

The Office of Public Sector Programs will schedule three more regional energy seminars during 1979.

Report on 1978 French Association Meeting

The 97th annual Congress of the Association Française pour l'Avancement des Sciences (AFAS), met 6, 7, and 8 June 1978 in Mulhouse, France. Representing AAAS at the meeting were John

G. Dennis of California State University at Long Beach and William D. Romey of St. Lawrence University, Canton, New York.

The first day of the meeting consisted of plenary sessions, including talks by J. B. Donnet, president, University of Haute Alsace (site of the congress); J. C. Pecker of the College de France and president, AFAS; M. J. Beguin, rector, University of Strasbourg; and M. Tiollais, professor, Pasteur Institute. Session topics included world problems of desertification, population, energy, and health; a history of AFAS; "The Rhine"; and pedology in Africa.

Concurrent meetings of the eight sections were held throughout the second day of the meeting as well as on the morning of the third day. Sections are pure and applied mathematics; pure and applied physics; sciences of the earth and the universe; natural sciences; chemical and biological sciences; medicine and veterinary medicine; human, economic, and social sciences; and general problems of science. An additional special section on odontology also met. Several sections conducted field trips both during and after the congress.

The AFAS was founded in 1872 to develop scientific and technological forums in French-speaking countries. One announced future aim of AFAS is to inform young people about careers in science. An annual "Prix AFAS Jeune" (youth prize) has been established but was not awarded this year.

The 500 members receive the association's journal, *Sciences*. Much like the AAAS, the AFAS holds its meetings in various cities throughout the country.

The 1979 congress will be held in Tregastel, Brittany; the 1980 congress in Amiens. The centennial congress, in 1981, will be held in Paris.

Nomination of AAAS Fellows Invited

Under new fellowship nomination procedures adopted by the AAAS Council on 7 January 1979, groups of three Fellows may continue to nominate AAAS members for fellowship, provided that in each instance at least one of the three sponsors is not affiliated with the institution of the nominee. Self-nominations, however, will no longer be accepted. In order to be considered this year, nominations must be submitted to the Executive Office no later than 22 May. Nomination forms should be requested from the Executive Office at the AAAS address.

The revised definition of a Fellow is "a member whose efforts on behalf of the advancement of science or its applications are scientifically or socially distinguished." Examples of areas in which nominees may have made significant contributions are research; teaching; technology; services to professional societies; administration in academe, industry, government, and other institutions; and communicating and interpreting science to the public.

Responsibility for reviewing and approving fellowship nominations is now assigned to the Nominating Committees of the 21 Section Committees. Each Nominating Committee consists of the four Section officers (Retiring Chairperson, Chairperson, Chairperson-Elect, and Secretary) and four members-at-large. An affirmative vote of at least five of the eight members is required for approval, but sponsors of a rejected nomination may appeal to the Committee on Council Affairs for possible reversal of the Nominating Committee's decision.

Nominations are also subject to challenge by any member of the AAAS Council, upon receipt of a preliminary list of nominees in late summer. A challenged nomination, if not withdrawn by its sponsors, will be reviewed by the Committee on Council Affairs; the Committee may either put it on the slate to be presented to the Council for possible election at the 1980 Annual Meeting in San Francisco or defer its presentation for 1 year. Following the 1980 meeting, new Fellows will receive fellowship certificates and a list of their names will be

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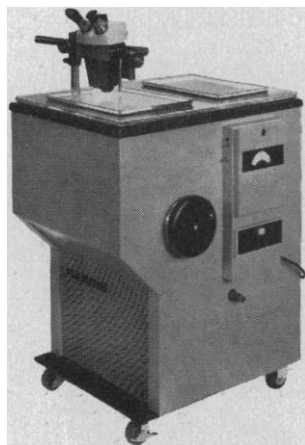
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AAAS NEWS

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published in the Proceedings Issue of *Science*.

The new procedures call for publication of a directory of AAAS Fellows, to be sold to AAAS members at cost. The directory cannot be published before the 22 May deadline for submission of nominations, but inquiries about the fellowship status of prospective sponsors may be directed to the Executive Office. As soon as the directory is available, an announcement will appear in the AAAS News section of *Science*.

For the Library

The Double Bind: The Price of Being a Minority Woman in Science, third printing. Shirley Mahaley Malcom, Paula Quick Hall, and Janet Welsh Brown. Report of a 1975 conference of Black, Puerto Rican, Mexican-American, and Native American women scientists. The report discusses problems of minority women in science and contains policy and program suggestions which can serve as guides to public agencies, educational institutions, professional associations, and funding organizations. 70 pp. Cost: \$3 per copy.

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Programs in Science for Minority Students, 1960-1975, second printing. Compiled by Shirley Mahaley Malcom, John Cownie, and Janet Welsh Brown. An inventory of projects, undertaken since 1960, aimed at improving the quality of science education for minority students. Single copies available at no cost.

For further information, contact Karen L. Ehrlich, Office of Opportunities in Science, at the AAAS address.

CSFR Committee to Meet

The AAAS Committee on Scientific Freedom and Responsibility will meet on Friday and Saturday, 16 and 17 March, in the AAAS Board Room, 1515 Massachusetts Avenue, NW. The meeting is open. For further information, contact Rosemary Chalk, CSFR staff officer. Telephone: 202-467-5236.

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 AND

BOOK ORDER SERVICE

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Robert B. Taylor, John L. Buckingham, E. P. Donatelle, William E. Jacott, and Melville G. Rosen, Eds. Springer-Verlag, New York, 1978. xl, 1366 pp., illus. \$38.50. To order circle 587 on Reader Service Card.

Fibrinolysis. Current Fundamental and Clinical Concepts. Papers from a symposium, Istanbul, Turkey, Sept. 1977. P. J. Gaffney and S. Balkuv-Ulutin, Eds. Academic Press, New York, 1978. x, 240 pp., illus. \$19.65.

Field Theory, the Renormalization Group, and Critical Phenomena. Daniel J. Amit. McGraw-Hill, New York, 1978. xiv, 336 pp. \$23. International Series in Pure and Applied Physics. To order circle 615 on Reader Service Card.

Flow, Mixing and Heat Transfer in Furnaces. Papers from a conference, Cairo, Feb. 1977. K. H. Khalil, F. M. El-Mahallawy, E. E. Khalil, and D. B. Spalding, Eds. Pergamon, New York, 1978. viii, 248 pp., illus. \$30. HMT, vol. 2. To order circle 604 on Reader Service Card.

FORTAN 77 Programming. Walter S. Brainerd, Charles H. Goldberg, and Jonathan L. Gross. Harper and Row, New York, 1978. xviii, 360 pp. Paper, \$9.95.

The Fourier Transform and Its Applications. Ronald N. Bracewell. McGraw-Hill, New York, ed. 2, 1978. xviii, 444 pp., illus. \$23. To order circle 605 on Reader Service Card.

Garden Spice and Wild Pot-Herbs. An American Herbal. Walter Conrad Muenscher and Myron Arthur Rice. Illustrations by Elfriede Abbe. Comstock (Cornell University Press), Ithaca, N.Y., 1978. x, 214 pp. Paper, \$6.95. Reprint of the 1955 edition.

The Gas Industry and the Environment. Proceedings of a symposium, Minsk, Soviet Union, June 1977. Published for the United Nations by Pergamon, New York, 1978. xvi, 264 pp., illus. \$34. To order circle 623 on Reader Service Card.

Gaseous Electronics. Vol. 1, Electrical Discharges. Merle N. Hirsh and H. J. Oskam, Eds. Academic Press, New York, 1978. xii, 506 pp., illus. \$39.50.

General Relativity from A to B. Robert Gerlach. University of Chicago Press, Chicago, 1978. xii, 226 pp., illus. \$11.95.

The Genius of Arab Civilization. Source of Renaissance. John R. Hayes, Ed. MIT Press, Cambridge, Mass., 1978. xii, 232 pp., illus. Paper, \$15. Reprint of the 1975 edition.

Geomagnetic Diagnosis of the Magnetosphere. A. Nishida. Springer-Verlag, New York, 1978. viii, 256 pp., illus. \$38.80. Physics and Chemistry in Space, vol. 9. To order circle 588 on Reader Service Card.

German-English Science Dictionary. Louis De Vries. Updated and expanded by Leon Jacolev with the assistance of Phyllis L. Bolton. McGraw-Hill, New York, ed. 4, 1978. xxxviii, 628 pp. \$14.50. To order circle 592 on Reader Service Card.

Group Theoretical Methods in Physics. Papers from a colloquium, Tübingen, Germany, July 1977. P. Kramer and A. Rieckers, Eds. Springer-Verlag, New York, 1978. xviii, 546 pp., illus. Paper, \$23.50. Lecture Notes in Physics, vol. 79. To order circle 606 on Reader Service Card.

Horizons in Biochemistry and Biophysics. Vol. 5. E. Quagliariello, F. Palmieri, and Thomas P. Singer, Eds. Addison-Wesley Ad-

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