

vocabulary—"If it is to be, it is up to me'."

"Black Americans in Science" was cosponsored, along with AAAS, by the National Museum of American History of the Smithsonian Institution, and the National Science Foundation (NSF). The panel was cochaired by Cora Bagley Marrett, professor of sociology, University of Wisconsin, and chair, Committee on Equal Opportunity in Science and Technology, NSF, and Shirley Mahaley Malcom, program head, AAAS Office of Opportunities in Science.

Science historian Margaret Rossiter, author of *Women Scientists in America: Struggles and Strategies to 1940* (see *Science*, 24 December 1982, pages 1299 and 1300), conducted a lively seminar at the AAAS on the history of women in science. Rossiter is a program officer in history and philosophy of science at the NSF.

She described the slow progress made by women in the 19th century. In 1800 the general belief was that woman's role as wife and mother required little or no education. Eventually, the idea of educating women, since they prepared their sons for citizenship, gained favor and public schools, academies, and colleges began opening their doors to women. Responding to pressure from women, around 1890 the University of Chicago, Yale University, and Stanford University, among a few others, began granting Ph.D. degrees to women, and by 1900 many universities granted doctorates to women.

Having achieved access to higher education, women scientists began the long—and many would say as yet uncompleted—fight for equal employment. Many highly qualified women spent entire careers in the "laboratory assistant" category because the institutions at which they worked refused to make them professors or senior research scientists.

Women have always been eligible for membership in the AAAS, though in the early years their numbers were small. Rossiter told of finding newspaper accounts describing the "Women at the AAAS" as part of the press coverage of the Association's national meetings.

It was not until 1969, however, that a woman, mathematician Mina Rees, was elected to the AAAS presidency. In 1973 anthropologist Margaret Mead was elected AAAS president. Currently, astronomer E. Margaret Burbidge is AAAS president and chemist Anna J. Harrison is president-elect.

JOAN WRATHER  
*Office of Communications*

## Cross-Cultural Comparison of "Self" Wins AAAS Prize

Richard A. Shweder of the University of Chicago and Edmund J. Bourne of California State University at Long Beach have won the 1982 AAAS Socio-Psychological Prize. The \$1000 prize will be awarded to Shweder and Bourne on 29 May at the Annual Meeting in Detroit.

Shweder and Bourne's prizewinning paper, "Does the concept of the person vary cross-culturally?," takes a look at how different people describe themselves and others—and how those beliefs and concepts affect their way of thinking. A number of experiments which called for participants to describe themselves and other people were conducted in Orissa, India, and in the United States. The authors also discuss how innate beliefs about "self" color much social science research.

Richard A. Shweder, a psychological and cultural anthropologist and behavioral scientist, received the Ph.D. degree in social relations and social anthropology from Harvard University in 1972.

Shweder is an associate professor in the Department of Behavioral Sciences at the University of Chicago. He is currently conducting research on moral development in Bhubaneswar, Orissa, India, as part of a 3-year project funded by the National Institute of Child Health and Human Development. While in India, he is affiliated with the Department of Psychology, Utkal University.

Prior to joining the faculty of the University of Chicago, Shweder taught for 1

year in the Department of Sociology at the University of Nairobi, Kenya.

Edmund J. Bourne received the Ph.D. degree in psychology from the University of Chicago in 1976. During the subsequent year he was involved in research on adolescent development at the Michael Reese Medical Center in Chicago under a National Institute of Mental Health postdoctoral fellowship.

Bourne is currently a faculty member in the Department of Psychology at California State University at Long Beach. His research interests are in health psychology and behavioral medicine.

The AAAS Socio-Psychological Prize is awarded annually for a meritorious essay that furthers the understanding of the psychological-social-cultural behavior of human beings. It is intended to encourage social inquiry into the development and application of the kind of methodology that has proved so fruitful in the natural sciences.

## 70th Indian Science Congress Held in Tirupati

In her inaugural address to the Indian Science Congress, Prime Minister Indira Gandhi announced a new government technology policy. Among the aims of the policy are for India to attain technological competence and self-reliance, provide the maximum gainful employment to all, and develop technologies which are internationally competitive and have an export potential.

Professor B. Ramachandra Rao, president of the Indian Science Congress As-

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Martha Ross Redden, director, AAAS Project on the Handicapped in Science and the Association will receive the 1983 Exemplary Service Award of the American Coalition for Citizens with Disabilities.

The AAAS is being recognized "for their commitment to persons with disabilities through the development and maintenance of the Project on the Handicapped in Science." The award also acknowledges Redden's "commitment over the years to insuring that persons with disabilities receive equal opportunities in the field of science."

The award will be presented at the annual meeting of the Coalition, 26 May in Oklahoma City.

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sociation, introduced the Congress' theme, "Man and Ocean—Resources and Development." He described the Indian tradition of looking to the land although the nation is surrounded on three sides by oceans and he called attention to the benefits for India and the world through effective use of the ocean's resources.

Many presentations focused on the assessment of ocean resources. G. S. Siddhu, director general of the Council of Scientific and Industrial Research, spoke about the need for education of first-rate Indian oceanographers and for oceanographic vessels to provide students and scientists access to the seas. The Department of Oceans has had only one oceanographic ship but is now obtaining a modern research vessel from West Germany and expects to add two additional vessels in the next several years. M. Dayal, secretary to the Commission on Alternative Sources of Energy, told the Congress of government-industry joint plans for an ocean thermal energy conversion plant to produce between 1.0 and 1.6 million watts of electricity by exploiting the difference in temperature between surface and deep waters. Professor D. K. Das Gupta described studies conducted in Calcutta University where striking results have been achieved in raising sugar beets on coastal saline tracts.

Among many presentations of scientific interest, two attracted particular attention. Professor M. G. K. Menon of the Planning Commission reviewed the proton-decay experiments at the Kolar gold mines and described the new, bigger detector that is being installed. He reported three confirmed and three non-confirmed events that have encouraged the scientists and suggests that the proton does decay. S. Sriramachari, additional director general, Indian Council of Medical Research, discussed fluorosis, which is a serious problem in some areas of India. A new method for removing fluoride ions from water offers the hope of preventing fluorosis in many villages.

During the Congress the Indian National Science Academy made awards to 16 young scientists for exceptional work in basic and applied research.

William D. Sawyer, dean, School of Medicine, Wright State University, represented the AAAS at the 70th Indian Science Congress. Some 4000 Indian scientists and 40 visiting scientists from 15 countries attended the Congress, held 8–18 January in Tirupati.

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The Department of Pathology of the University of Illinois has an immediate opening for an **ACADEMIC RESEARCHER** at the level of a **RESEARCH ASSISTANT PROFESSOR**. Salary dependent on experience and credentials. The applicant must be qualified to do independent research in atherosclerosis and neoplasia under the general supervision of a senior staff member. The appointee is expected to share in teaching and service duties while continuing research activities. This is an excellent opportunity within the nation's largest medical school system. For fullest consideration, applications should be received by 1 May 1983. *An Equal Opportunity/Affirmative Action Employer.* Direct inquiries and submit curriculum vitae to: **Egil Fosslie, M.D., Department of Pathology, University of Illinois Medical Center, 840 South Wood Street, Chicago, Illinois 60612.**

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