

Included are Barbara McClintock, who spent nearly 50 years in obscurity before winning her Nobel Prize for discovering jumping genes, and Subramanian Chandrasekhar, who at age 24 formulated his theories of black holes only to be told that they were an impossibility.

The idea for a book of science poetry grew out of the reception of poetry published in *Science* 85 during the past 4 years. According to Bonnie Gordon, editor of the anthology and an editor at *Science* 85, "the original concept was a collection that traced the influence of science poetry over several hundred years . . . but it became evident that such a wealth of science poetry is being written today that an anthology based on contemporary work was demanded."

Songs from Unsung Worlds is a collection of science poetry written by both poets and scientists. It contains works of poetry from as diverse a group of poets as 20th-century American poet W. H. Auden to 18th-century German poet Goethe. Theoretical chemist and Nobel Prize winner Roald Hoffmann, Loren Eiseley, and biochemist Anselm Parlatore are among the scientists whose words appear in the anthology.

Two new books from *Science* focus on research topics of great interest to the scientific community—neuroscience and biotechnology.

Neuroscience contains 27 papers from *Science* representing the work of some 84 researchers at private and federal laboratories, hospitals, universities, and medical schools in six countries. Solomon Snyder, neuroscience researcher from Johns Hopkins University Medical Institutions, presents an overview to the volume and a look at some of the most up-to-date advances in the field.

Edited by Philip H. Abelson and Eleonore Butz, the book presents accounts of discoveries made during the recent burgeoning in neuroscience research in areas ranging from genetic engineering to clinical therapy and addresses fundamental questions concerning the functioning of the nervous system within the four sections of the volume—neuroplasticity, molecular biology, synaptic transmission, and behavior.

Biotechnology and Biological Frontiers covers some of the most important topics at the forefront of biological research and development. Edited by Philip H. Abelson, this volume consists of 36 papers by 136 scientists representing industrial, university, and governmental laboratories worldwide. The book is divided into two parts. Part I is devoted to a sampling of the status of a revolution in applied biology and includes articles on

gene splicing, monoclonal antibodies, agricultural research, microbiological engineering, and protein engineering. Part 2 of the book focuses on fundamental research instead of practical applications.

Several new books from *Science* also are in the planning stages including those on astronomy and astrophysics and on chemistry.

Copies of *A Passion to Know* and *Songs from Unsung Worlds* are available through the *Science* 85 Book Service, 1101 Vermont Avenue, NW, Washington, D.C. 20005.

Copies of *Neuroscience and Biotechnology* and *Biological Frontiers* are available from the AAAS Sales Office, 1515 Massachusetts Avenue, NW, Washington, D.C. 20005.

JEFFREY L. TERAMANI
Office of Communication

Membership Office Needs Your Help to Stop Duplication

More than 25,000 AAAS members responded to our plea earlier this year to help us avoid sending membership promotional mailings to our current members. Since our mail tells us that many of you still are receiving promotional mailings, we are repeating our appeal to members to let us know all addresses and variations of names by which you receive mail.

In order for AAAS to maintain our strong member base, we must regularly recruit new members, more than 25,000 each year. Our most effective tool is the direct mail membership campaign, conducted three times annually. Even though we make every effort to screen out current members' names from the lists we use, the system is not foolproof. One reason for this is the variation between names and addresses as they appear on our membership file and how they appear on the lists we acquire. Another reason is that our member files contain either a home or business address for each member, but not both.

You can help us to reduce further the likelihood that you receive promotional mailings. To do that we need for you to provide us with a current mailing label from *Science* and your "other" address(es). These other addresses will be for internal use only and will not be used for purposes other than our own screening process described above.

The system for avoiding these trouble-

some mailings will never be perfect. However, we believe that the above procedure is one more step toward avoiding inconvenience to you and toward further controlling our costs. Please direct your responses and any questions to Carol L. Rogers, head, Office of Communications and Membership, AAAS, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036, or telephone 202-467-4460.

AAAS Honors Argentine President

In March, the Association hosted a reception in New York City to honor Raul Alfonsin, president of Argentina, for his commitment to advancing both science and human rights in his country. The reception, on 21 March, was held at the American Museum of Natural History.

Calling Alfonsin's election (in December 1983) a "vivid symbol of hope throughout the world," AAAS president David A. Hamburg commended the Argentine president for "rapidly restoring the [Argentine] scientific community to its former healthy condition of freedom and creativity and social contribution."

Alfonsin expressed deep appreciation to the AAAS for its continuing commitment to science and to human rights and called on the Association to persevere in this work. He also urged AAAS to use its resources to help the world avoid nuclear war.

The AAAS has played a collaborative role in promoting both science and human rights in Argentina over the course of some years. Working together with other Latin American scientific associations through the Interciencia Association, AAAS has supported and organized scientific symposia in Argentina, including "Biotechnology and Development" (Buenos Aires, November 1984) and "Improved Utilization of Natural Resources in Semi-Arid Regions" (Mendoza, November 1984).

In 1977 AAAS president Emilio Q. Daddario made a 10-day visit to Argentina to demonstrate the concerns of the American scientific community for the plight of their colleagues in Argentina. Continuing its interest in the situation in Argentina, the AAAS issued a report, *Scientists and Human Rights in Argentina Since 1976*, in 1981.

In June 1984 the AAAS' Clearinghouse on Science and Human Rights sent a delegation of forensic scientists and a geneticist to Argentina at the re-

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INTERNATIONAL SYMPOSIUM ON GLUCOSE-6-PHOSPHATE DEHYDROGENASE

November 14 to 16, 1985
Pasadena, California

This symposium is sponsored by NIH and City of Hope National Medical Center. Topics will include: G6PD deficiency and hemolytic anemia, G6PD activity and red cell metabolism, G6PD variations, G6PD in non-human organisms, expression of Gd locus, G6PD structure and function, and cloning and structure of the gene.

Further information is available from: Akira Yoshida, Department of Biochemical Genetics, City of Hope National Medical Center, Duarte, CA 91010 or (818) 359-8111, ext. 2362.

pressure conditions before and during operation and "compares" them with chamber data during subsequent operations to facilitate identification of causes of anomalies. UTI Instruments. Circle 603.

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Pertussis Toxin

Pertussis toxin (islet-activating protein or lymphocytosis-promoting factor) is now available. It is quite pure with no fimbrial hemagglutinin detectable by gel electrophoresis and no measurable *B. pertussis* adenylate cyclase activity when assayed in the presence or absence of calmodulin. It is supplied as a lyophilized powder in 50- μ g vials. A detailed lot analysis accompanies each shipment. List Biological Laboratories. Circle 592.

Literature

Mechanical CAD System features a design, drafting, engineering, and manufacturing software system for research or production. Harris, Computer Systems Division. Circle 558.

Freeze Drying brochure introduces the Supermodulyo and Modulyo units. Edwards High Vacuum. Circle 594.

Optics offers electro-optical and optical-mechanical apparatus and equipment. Physitec. Circle 595.

Riboprobe Gemini describes reagents for RNA synthesis. Promega Biotec. Circle 596.

Fluorescence Instrumentation features spectrofluorometers, spectrophotometers, and accessories. SLM Instruments. Circle 597.

Labware lists a full line of plastic laboratory containers and apparatus. Nalge. Circle 598.

Streptavidin Applications Guide describes technology and details applications for the detection of nucleic acids. Bethesda Research Laboratories. Circle 600.

AAAS NEWS

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quest of Argentina's National Commission on Disappeared Persons. This spring, the Association worked with the Medical School of the National University of Buenos Aires and the Human Rights Office of the Argentine Ministry of the Interior, to sponsor a 6-week training workshop in forensic sciences.

Hamburg and AAAS president-elect Gerard Piel presented Alfonsin with a certificate of membership in the Association and a letter commending the Argentine president for his record in advancing the cause of science and upholding human rights. The award and reception were planned and carried out by James W. Rowe, AAAS project director for Western Hemisphere Cooperation.

In addition to Hamburg and Piel, Alfonsin was greeted by former AAAS Board chairs Emilio Q. Daddario, Edward E. David, Jr., H. Bentley Glass, Mina Rees, and Leonard M. Rieser.

Obituaries

Santiago E. Aguerrevere of Caracas, Venezuela, member of Section E since 1931, 15 November 1984.

Charles Norman Barnum of Charlotte, North Carolina, member of Section M since 1943, 4 February 1985.

Bryon R. Clark of Cincinnati, Ohio, member of Section N since 1967, 2 January 1985.

Sidney P. Colowick, Department of Microbiology, Vanderbilt University School of Medicine, member of Section G since 1963, 2 January 1985.

Robert Davies of Seattle, Washington, member of Section N since 1971, 23 January 1985.

Stephen Doba, Jr., of Red Bank, New Jersey, member of Section M since 1960, 27 December 1984.

W. H. Earle of Phoenix, Arizona, member of Section G since 1979, 15 December 1984.

Ernest N. Fergus of Lexington, Kentucky, member of Section O since 1921, 3 January 1985.

G. S. Fraenkel, Department of Entomology, University of Illinois, member of Section G since 1957, 27 October 1984.

Sterling D. Garrard of Concord, Massachusetts, member of Section N since 1957, 4 December 1984.

Frank Gerbode of San Francisco, California, member of Section N since 1948, 6 December 1984.