

Science on the Air

Science News prints the latest written word of scientific development and noteworthy news. We've set this space aside to inform our readers of programs of scientific interest that are scheduled on television and radio. Check your local listings for exact times. (R) indicates a repeat broadcast.

June 1 (PBS) Nature – "Kilimanjaro" (R) Explores the different and distinct ecologies of Africa's Mt. Kilimanjaro from its base to its pinnacle.

June 3 (PBS) Nova – "Antarctica: Earth's Last Frontier" (R) A visit to this wilderness of ice, where warm-blooded residents include seals, skuas, penguins and scientists.

June 4 (PBS) Smithsonian World – "Heroes and the Test of Time" (R) A trip to the site of Little Bighorn, where archaeologists have unearthed startling new information about Custer's defeat. Also explores the life and work of the great 19th-century American painter/scientist Thomas Eakins.

June 7 (PBS) Bodywatch – "Stress to Your Advantage" (R) Psychologists have found that some people in the highest stress situations live long, happy lives. The development of traits to ward off stress is discussed.

June 7 (PBS) Cats & Dogs – Examines the causes, symptoms, treatment and prevention of a wide variety of common pet ailments. Saturdays.

June 7 (PBS) Innovation – "Figures of Speech" (R) A look at the new technology used to advance the study of voice research.

June 8 (PBS) Nature – "Kinabalu: Summit of Borneo" (R) A visit to Kinabalu, the highest point between the Himalayas and New Guinea.



Lotte Jacobi

June 10 (PBS) Nova – "What Einstein Never Knew" (R) Probes the quest of many of the world's finest physicists to devise a grand theory of unification to explain the enigma of the universe.

June 14 (PBS) Innovation – "The Science of Beauty" (R) In an exploration of the science of skin care, this program visits the Skin Care Study Center in Philadelphia, where researchers determine whether or not skin products are safe and effective.

June 14 (PBS) Bodywatch – "Will to Be Well" (R) A look at the specific evidence linking the mind to the immune system and an exploration of psycho-neuro-immunology research and techniques.

June 15 (PBS) Nature – "Birds of Paradox" (R) A look at birds that cannot fly but have evolved highly efficient ways of moving on land and in water.

June 17 (PBS) Nova – "Signs of the Apes, Songs of the Whales" (R) Explores the latest research in animal communication.

June 21 (PBS) Bodywatch – "Building Better Babies" (R) Focuses on the latest information on fetuses and newborns.

June 21 (PBS) Innovation – "Is Anybody Out There?" (R) A look at the new advancements in computer technology and highly sophisticated radio telescopes scientists are using in an attempt to reach intelligent life beyond our planet.

June 22 (PBS) OK Heart – A documentary on one of the most comprehensive community health awareness projects to date, this program profiles the efforts of the citizens of Pennsylvania's Wyoming Valley to mobilize its entire population to wage battle against the number-one killer in the United States: heart disease.

June 22 (PBS) Nature – "Treasures of the Gulf" (R) A look at the unique coexistence of wildlife and technology in the war-torn Arabian Gulf.

June 24 (PBS) Nova – "The Climate Crisis" (R) Examines the "greenhouse effect" and its relationship to the earth's surface and the lower layers of atmosphere.

June 25 (PBS) Smithsonian World – "Where None Has Gone Before" (R) Profiles modern-day explorers who risk life and reputation to conquer new frontiers.

June 28 (PBS) Bodywatch – "Nobody Ever Died of Middle Age" (R) Drawing on the latest research, this program recommends simple steps that can mitigate the aging process.

June 28 (PBS) Innovation – "Smile" (R) Looks at new developments in dental technology. Public health officials predict that by the end of the century, tooth decay in children and young adults will be almost nonexistent.

June 29 (PBS) Nature – "Namaqualand: Diary of a Desert Garden" (R) Known to some as the home of the Nama people, Namaqualand, an arid, windy semidesert in southwest Africa, is known the world over for its spectacular display of flowers.

Books

Books is an editorial service for readers' information. To order any book listed or any U.S. book in print please remit retail price, plus \$1.00 handling charge for each book, to **Book Order Service**, Science News, 1719 N. Street, N.W., Washington, D.C. 20036. All books sent postpaid. Domestic orders only.

Bird of Passage: Recollections of a Physicist – Rudolf Peierls. A delightful autobiography by one of the leading physicists of our times, telling of his life, his associates and the developments in physics that were a central part of his life. Princeton U Pr, 1985, 350 p., illus., \$29.50.

The Facts on File Dictionary of Astronomy – Valerie Illingworth, Ed. This dictionary, originally published in 1979, has been revised to include the recent advances in astronomical knowledge. Two hundred fifty entries have been added to bring the total entries to more than 2,300. Facts on File, 2nd ed., 1985, 437 p., illus., \$19.95.

How the World Works: A Guide to Science's Greatest Discoveries – Boyce Rensberger. This book, according to the author, is for people who did not become scientists but who still retain a fascination for the world around them. After a discussion of what science is, this science writer synthesizes 24 of the major scientific theories that shape our view of the natural world. He goes on to explain in detail a great number of scientific terms that appear frequently in popular articles about current scientific research. Morrow, 1986, 378 p., illus., \$18.95.

Modeling Nature: Episodes in the History of Population Ecology – Sharon E. Kingsland. In this history of population ecology, the author demonstrates how this traditionally descriptive discipline altered its way of understanding nature. She also analyzes the fruitful interactions between ecology and evolutionary biology. U of Chicago Pr, 1985, 267 p., illus., \$27.50.

The Penguin Dictionary of Psychology – Arthur S. Reber. Defines approximately 17,000 terms from psychology, psychiatry and related fields. Also points out how each term is actually employed and how it has been used and sometimes abused in the past. Viking/Penguin, 1985, 848 p., \$25, paper, \$7.95.

The Premature Labor Handbook: Successfully Sustaining Your High-Risk Pregnancy – Patricia Anne Robertson and Peggy Henning Berlin. In the majority of cases, says the introduction, the causes of premature labor or incompetent cervix are not known. About eight to 10 percent of all pregnancies are affected by these conditions. This book not only covers the medical aspects of premature labor, incompetent cervix and premature delivery but also contains information on how to cope with the stress these conditions present. Doubleday, 1986, 218 p., illus., \$16.95, paper, \$9.95.

To Do No Harm: DES and the Dilemmas of Modern Medicine – Roberta J. Apfel and Susan M. Fisher. Two psychiatrists use the story of DES, formerly prescribed to women with difficult pregnancies, to illustrate the complexity of modern medicine. Examines the pressures to experiment with new techniques and drugs, doctors' risk-taking and responses to errors and how the trust that is essential to a good patient-physician relationship can be destroyed when things go wrong. Traces the history of DES and its use and tells of the overwhelming impact of the DES tragedy on mothers and daughters. Originally published in hardback in 1984. Yale U Pr, 1986, 199 p., \$8.95.