

Science on the Air

Check your local listings for exact times and dates.
(R) indicates a repeat broadcast.

June 1 (PBS) Science Journal Provides timely news on the week's events in science, medicine and technology. Thursdays.

June 3 (PBS) Bodywatch—"Hyperactivity" (R) Looks at the distinctive symptoms of hyperactivity in children and explores treatments ranging from psychotherapy to the controversial stimulant Ritalin.

June 3 (CNN) Healthweek Provides comprehensive coverage of medical and health issues. Saturdays.

June 3 (CNN) Science and Technology Week Covers the latest in science and technology news. Saturdays.

June 4 (PBS) Innovation—"In the Image of Nature" Tells how computer graphics are helping scientists visualize nature as never before.

June 4 (PBS) Nature—"Land of the Kiwi" (R) Travels to the Pacific islands that make up New Zealand.

June 6 (PBS) Nova—"The Brutal Craft: Pioneers of Surgery" (R) Examines the early stages of surgery's revolution, when medical science overcame the basic problems of pain, infection and blood loss. Part one of four.

June 7 (PBS) The Infinite Voyage—"Living With Disaster" Explores ways in which scientists are learning to predict and monitor hurricanes and earthquakes.

June 10 (PBS) Bodywatch—"The Savvy Patient" (R) Looks at the doctor/patient relationship and advises viewers on active collaboration with their physicians.

June 10 (PBS) Wild America—"The Grouse and Goshawk" (R) Examines the natural balance between the hungry and the hunted, illustrated by these two birds.

June 11 (PBS) Innovation—"A Neurological Mystery" Looks at researchers' efforts to understand and fight Parkinson's disease.

June 11 (PBS) Nature—"Tom's River: Reflections of a River Keeper" (R) Explores the wild creatures of the Hampshire Avon in rural England through the eyes of a longtime river keeper.

June 12 (PBS) Return of the Wolves Documents the plight of wolves in the United States, focusing on efforts in Yellowstone National Park to reintroduce wolves to the wilderness.

June 13 (PBS) Nova—"Into the Heart: Pioneers of Surgery" (R) Explores the long road to the now-commonplace wonders of open-heart surgery. Part two of four.

June 14 (PBS) Discover: The World of Science (R) Investigates creatures living more than a mile beneath the sea, new scientific methods of catching criminals, the return of the red wolf to North Carolina and a human-powered helicopter.

June 15 (PBS) Acid Rainbows (R) Explores the controversy surrounding acid rain in the West.

June 17 (PBS) Bodywatch—"An Ancient Form of Care" (R) Reports on acupuncture and other traditional or folk medicine techniques, to help viewers determine which treatments may help and which are still unproven.

June 17 (PBS) Wild America—"Otters of the Adirondacks" (R) Examines every aspect of the creature's existence in the Eastern mountain wilderness.

June 18 (PBS) Innovation—"Antarctic Paradox" (R) Takes viewers on a journey through Antarctica, illustrating this continent's importance to scientific research.

June 20 (PBS) Nova—"New Organs for Old: Pioneers of Surgery" (R) Looks at the progress of tissue- and organ-transplant experiments over the decades. Part three of four.

June 24 (PBS) Bodywatch—"Headaches" (R) Describes the different types of headaches and a range of therapies, from ancient to high-tech.

June 24 (PBS) Wild America—"Growing Up Wild" (R) Shows the parallels between growing up wild and growing up human as Marty and Diane Stouffer take their daughter camping.

June 25 (PBS) Innovation—"Oh! My Aching Head" (R) Examines the mix of diagnostic equipment bringing new hope to many headache sufferers.

June 27 (PBS) Nova—"Beyond the Knife: Pioneers of Surgery" (R) Addresses the ethical questions arising from the rush to perform experimental surgery and discusses the present roles of surgeons. Part four of four.

June 28 (PBS) Discover: The World of Science (R) Looks at relaxation therapy, a race of solar-powered cars and threats to manatee survival.

Books

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Cosmic Rays—Michael Friedlander. This professor of physics and astronomy weaves an engaging tale of cosmic rays, beginning with their discovery and ending with current research. The subject is inherently technical, but the author has foregone equations and formulas to increase accessibility. Harvard U Pr, 1989, 160 p., illus., hardcover, \$27.50.

The Essential Guide to Prescription Drugs, 1989 Edition—James W. Long. The major part of the book profiles more than 200 commonly prescribed drugs, addressing benefits and risks, available dosage forms and strengths, how the drugs work alone or in combination with others, use during pregnancy, side and adverse effects and more. Other sections include treatments for chronic disorders such as high cholesterol and psoriasis, a glossary of drug-related terms, drugs listed by class, tables of drug information and brand and generic names. Har-Row, 1989, 1,026 p., hardcover, \$27.50, paperback, \$12.95.

Ice Time: Climate, Science and Life on Earth—Thomas Levenson. Beginning with the development of the atmosphere, this book goes on to explore ancient climates and our present climate. The author discusses the delicate interrelationships of climate—how air affects water, water influences wind, and wind affects land—and how our impact on any of these affects all the rest. Levenson explains that with satellites and computers we now know more about past and present climates than ever before. This revolution in technology enables climate scientists to see that human activity can affect the weather and, to a smaller extent, the climate—and to understand the consequences. Har-Row, 1989, 242 p., hardcover, \$18.95.

A Psychology of Food: More Than a Matter of Taste—Bernard Lyman. A technical yet fascinating and readable book about why we eat what we eat and what it means. Sections explore the psychological significance of food and its role in personality and social development; how food preferences develop and change with mood; the influence of taste, odor, texture, appearance and color on our food choices; the future of using food in psychotherapy, and more. Includes an extensive bibliography. Van Nos Reinhold, 1988, 189 p., illus., paperback, \$31.95.

Sleep—J. Allan Hobson. The author recounts new research in the science of sleep and dreams for the general reader. Hobson describes new technology enabling researchers to observe sleep objectively, cellular and molecular findings that tell how the brain regulates sleep, the contrast between the mental states of waking and dreaming, common sleep disorders and new ideas about the physical basis of human consciousness. Photographs of sleeping humans, a "sleep bestiary" collected from animal photographers and excellent color diagrams complement the descriptions of current sleep research. WH Freeman, 1989, 213 p., color/b&w illus., hardcover, \$32.95.