SCIENCE NEWS BOOC





In NATURE'S IMAGINATION, Roger Penrose, Oliver Sacks, John Barrow, Gregory Chaitin, Margaret Boden, and others explore how and why classic reductionism is falling by the wayside in their fields.

Both Penrose and mathematician Gregory Chaitin explore Gödel's incompleteness theorem—as does John Barrow, who explains that Chaitin's proof of the theorem shows that, if we ever arrive at a Theory of Everything, there may be a still deeper and simpler unifying theory beyond that

This remarkable volume captures the latest thinking on where we must turn if we are truly to understand ourselves and the uni-

verse we live in.

from Oxford University Press

Oxford University Press, 1995, 212 pages, 61/2" x 91/2", hardcover, \$23.00 NaturesImagH



Scientific discoveries are constantly in the news. Almost daily we hear about new and important breakthroughs. But sometimes it turns out that what was trumpeted as scientific truth is later discredited.

In AT THE FRINGES OF SCIENCE. Michael Friedlander reviews conventional scientific methods and shows how scientists examine the hard cases to determine what is science and what is

He leads the reader through case after entertaining case, covering favorites of "tabloid science" such as astrology and UFOs,

scientific controversies such

as cold fusion, and maverick ideas that were at first rejected by science, only to be embraced later.

-from Westview Press

Westview Press, 1995, 196 pages 61/4" x 91/4", hardcover, \$24.95

FringesSciH



Drawing on his own work and that of other cog nitive, clinical, and brain scientists, Daniel Schacter gives us overwhelming evidence for the thesis that we possess more than one memory system. In SEARCHING FOR MEMORY, Schacter explains why some brain-damaged people cannot remember past events while others cannot acquire new knowledge or call up old. He also shows us how new breakthroughs in brain imaging are allowing us to see, for the first time, the many parts of the brain that must interact to enable us to encode or retrieve a memory. —from Basic Books

Basic Books, 1996, 398 pages, 6 1/4" x 9 1/2", hardcover \$27,00 **SearchMemH**

Edward Tenner is a connoisseur of what he calls "revenge effects"—the unintended, ironic consequences of the mechanical, chemical, biological, and medical forms of ingenuity that have been hallmarks of the 20th century. In seeking out these revenge effects, he discovers a persistent pattern of paradox that implicates everything from low-tar cigarettes, which may encourage smokers to defer quitting, and the meltdown at Chernobyl, which occurred during a test of enhanced safety procedures, and much, much more. WHY THINGS BITE BACK teaches us to

revel in our foibles. It is written not for committed technophiles or determined technophobes—though

they, too, will find much of interest here-but for innocent laypeople stumbling through a Rube Goldberg world and trying to make sense of it. -from Alfred A. Knopf

Alfred A. Knopf, 1996, 346 pages, 6 1/2" x 9 1/2", hardcover, \$2000 WhyBiteBackH



CELESTIAL ORB EARRINGS

A modern adaptation of an ancient design, these earrings are a kaleidoscope for the hands, springing to life with your touch and reflecting the light with their brightly colored beads. They can be manipulated to form a number of fascinating shapes and patterns like having many pieces of jewelry in one. Orbs are 13/8" in diameter, with stainless steel construction, and come packed in gift boxes. \$23,95 OrbEarrings

JANICE VANCLEAVE'S 201 AWESOME, MAGICAL, BIZARRE, & INCREDIBLE EXPERIMENTS

by Janice VanCleave

What makes a sound loud or soft? How do honeybees find their way home? Discover the awesome answers to these and other fascinating mysteries in biology, chemistry, physics, earth science, and astronomy. Just try any of these 201 fun, safe, low-cost experiments at home or at school. Each experiment

includes an illustration and easy-to-follow instructions.

Recommended for ages 8-12. John Wiley & Sons, 1994, 118 pages 81/2" x 11", paperback, \$12.95



The Part of the Pa	Nail • Phone • E-ma	Prices effective through May 31, 1997 All orders must be prepaid Domestic orders only			
MAIL ORDERS TO	1719 N Street, NW, V		DC 20036	BB3897	
QUANTITY	ITEM CODE	PRICE		TOTAL	
9					
METHOD OF PAYMENT: Check enclosed VISA MasterCard		SUBTOTA	SUBTOTAL FOR ITEMS ABOVESHIPPING		
Account #					
Exp.Date		TOTAL			
Signature Name Address			Toll-free: 1-800-544-4565 VISA/MC only DC area: 202-331-9653		
Daytime Phone ()			Fax: 202-785-1242 E-mail: snbooks@scisvc.org		

used only for problems with order