



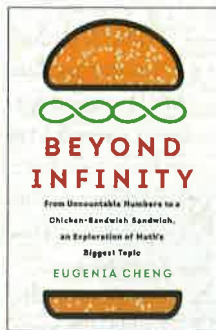
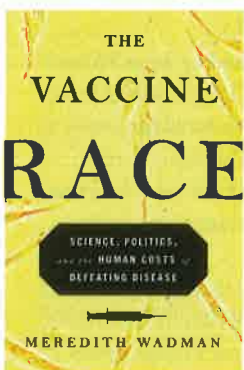
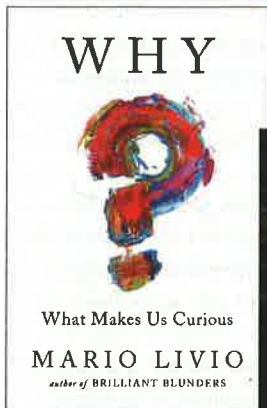
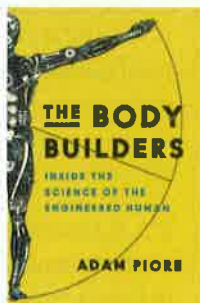
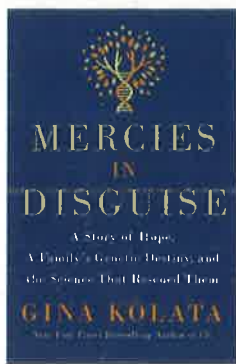
SPRING 2017 ADULT ANNOUNCEMENTS

Science

BY ALEX CROWLEY

This spring's science list has everything: climate change, eclipses, animal behavior, the relationship between biology and culture, groundbreaking neuroscience, genetics, and bioengineering.

TOP 10



Beyond Infinity: An Expedition to the Outer Limits of Mathematics

Eugenia Cheng. Basic, Mar. 28

The charming musician, chef, and mathematician takes readers on a staggering journey from math at its most elemental to its loftiest abstractions.

The Body Builders: Inside the Science of the Engineered Human

Adam Piore. Ecco, Mar. 14

Piore dives into the current revolution in human augmentation and bioengineering to see how it may help people transcend the boundaries of bodies and minds.

Cannibalism: A Perfectly Natural History

Bill Schutt. Algonquin, Feb. 14

Schutt introduces readers to the history of this strange and largely horrifying behavior, and outlines the factors that lead to outbreaks in other species and our own.

Mask of the Sun: The Science, History, and Forgotten Lore of Eclipses

John Dvorak. Pegasus, Mar. 7

Revealing the humanism behind the science of lunar and solar eclipses, Dvorak explains with insightful detail and vivid prose how and why eclipses occur, and provides insight into the total solar eclipse coming in summer 2017.

Mercies in Disguise:

A Story of Hope, a Family's Genetic Destiny, and the Science That Rescued Them

Gina Kolata. St. Martin's, Mar. 21

New York Times science reporter Kolata follows a South Carolina family through its reckoning with genetic illness and one courageous daughter's determination to disrupt her destiny.

Sophie's Planet

James Hansen. Sigma, May 16

Hansen's moving and insightful letters to his granddaughter Sophie offer a fascinating glimpse at environmental research and policy, as well as a clarion call for the future of the climate change fight.

The Strange Order of Things: The Biological Roots of Culture

Antonio Damasio. Pantheon, June 6

This multidisciplinary investigation into homeostasis doubles as a landmark reflection on the origins of life, mind, and culture.

The Vacation Guide to the Solar System

Olivia Koski and Jana Grceвич. Penguin, June 6

This illustrated planning guide for the curious space adventurer covers all of the essentials for your next voyage, how to get there, and what to do when you arrive.

The Vaccine Race: Science, Politics, and the Human Costs of Defeating Disease

Meredith Wadman. Viking, Feb. 7

Wadman covers the story of how political roadblocks nearly stopped the race to develop the first widely used normal human cell line and, through it, some of the world's most important vaccines.

Why? What Makes Us Curious

Mario Livio. Simon & Schuster, July 11

Astrophysicist Livio explores the nature of curiosity, investigates why it's essential to art and science, and talks with several multidisciplinary superstars to find out what drives them.

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S&S/TED

Asteroid Hunters by Carrie Nugent (Mar. 14, hardcover, \$16.99, ISBN 978-1-5011-2008-4). As asteroid hunter Nugent introduces readers to the telescope she uses to detect near-Earth asteroids, she reveals the known impact asteroids have had and explains how scientists could use increasing knowledge to prevent an epic natural disaster.

SCRIBNER

Into the Gray Zone: A Neuroscientist Explores the Border Between Life and Death by Adrian Owen (June 20, hardcover, \$28, ISBN 978-1-5011-3520-0) reveals Owen's controversial, groundbreaking work with patients whose brains were previously thought vegetative or nonresponsive, but turn out to be alive in the zone between full consciousness and brain death.

SMITHSONIAN

Exoplanets: Diamond Worlds, Super Earths, Pulsar Planets, and the New Search for Life Beyond Our Solar System by Michael E. Summers and James Trefil (Mar. 14, hardcover, \$29.95, ISBN 978-1-58834-594-3). Astronomer Summers and physicist Trefil explore the Kepler satellite's remarkable recent discoveries, arguing that the incredible richness and complexity being found necessitates a change in mental paradigms.

ST. MARTIN'S

Bugged: The Insects Who Rule the World and the People Obsessed with Them by David MacNeal (July 4, hardcover, \$25.99, ISBN 978-1-250-09550-3) takes readers on an offbeat scientific journey that weaves history, travel, and culture in order to define the human relationship with these mini-monsters.

Mercies in Disguise: A Story of Hope, a Family's Genetic Destiny, and

the Science That Rescued Them by Gina Kolata (Mar. 21, hardcover, \$25.99, ISBN 978-1-250-06434-9). *New York Times* science reporter Kolata follows a South Carolina family through their reckoning with genetic illness and one courageous daughter's determination to disrupt her destiny.

VIKING

The Great Unknown: Seven Journeys to the Frontiers of Science by Marcus du Sautoy (Apr. 11, hardcover, \$30, ISBN 978-0-7352-2180-2) takes readers into the minds of science's greatest innovators to reveal the fraught circumstances of their discoveries. Du Sautoy presents tools for understanding the biggest questions that scientists are struggling to solve.

The Vaccine Race: Science, Politics, and the Human Costs of Defeating Disease by Meredith Wadman (Feb. 7, hardcover, \$28, ISBN 978-0-525-42753-7) covers the story of how political roadblocks nearly stopped the urgent race to develop the first widely used normal human cell line and, through it, some of the world's most important vaccines.

YALE UNIV.

In the Shadow of the Moon: The Science, Magic, and Mystery of Solar Eclipses by Anthony Aveni (Apr. 25, hardcover, \$28, ISBN 978-0-300-22319-4). Anticipating solar eclipses visible in 2017 and 2024, astronomer and anthropologist Aveni explains the science behind the phenomenon as he reveals the profound effects these cosmic events have had on human history.

Spaceflight in the Shuttle Era and Beyond: Redefining Humanity's Purpose in Space by Valerie Neal (June 27, hardcover, \$40, ISBN 978-0-300-20651-7) questions over four decades' worth of thinking about, and struggling with, the meaning of human spaceflight. Neal examines the ideas, images, and people that emerged in light of competing visions of the spaceflight enterprise.

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