

Carl Sagan A Life In The Cosmos

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Carl Sagan A Life In The Cosmos

JAYVON CARLEE

The Cold and the Dark Ballantine Books

A prescient warning of a future we now inhabit, where fake news stories and Internet conspiracy theories play to a disaffected American populace "A glorious book . . . A spirited defense of science . . . From the first page to the last, this book is a manifesto for clear thought."—Los Angeles Times How can we make intelligent decisions about our increasingly technology-driven lives if we don't understand the difference between the myths of pseudoscience and the testable hypotheses of science? Pulitzer Prize-winning author and distinguished astronomer Carl Sagan argues that scientific thinking is critical not only to the pursuit of truth but to the very well-being of our democratic institutions. Casting a wide net through history and culture, Sagan examines and authoritatively debunks such celebrated fallacies of the past as witchcraft, faith healing, demons, and UFOs. And yet, disturbingly, in today's so-called information age, pseudoscience is burgeoning with stories of alien abduction, channeling past lives, and communal hallucinations commanding growing attention and respect. As Sagan demonstrates with lucid eloquence, the siren song of unreason is not just a cultural wrong turn but a dangerous plunge into darkness that threatens our most basic freedoms. Praise for *The Demon-Haunted World* "Powerful . . . A stirring defense of informed rationality. . . Rich in surprising information and beautiful writing."—The Washington Post Book World "Compelling."—USA Today "A clear vision of what good science means and why it makes a difference. . . A testimonial to the power of science and a warning of the dangers of unrestrained credulity."—The Sciences "Passionate."—San Francisco Examiner-Chronicle

A Vision of the Human Future in Space Cambridge University Press

How can societies still grappling over the common values and shared vision of their state draft a democratic constitution? This is the central puzzle of *Making Constitutions in Deeply Divided Societies*. While most theories discuss constitution-making in the context of a moment of revolutionary change, Hanna Lerner argues that an incrementalist approach to constitution-making can enable societies riven by deep internal disagreements to either enact a written constitution or function with an unwritten one. She illustrates the process of constitution-writing in three deeply divided societies - Israel, India and Ireland - and explores the various incrementalist strategies deployed by their drafters. These include the avoidance of clear decisions, the use of ambivalent legal language and the inclusion of contrasting provisions in the constitution. Such techniques allow the deferral of controversial choices regarding the foundational aspects of the polity to future political institutions, thus enabling the constitution to reflect a divided identity.

Out of the Lab and into the Limelight Wiley

Presents the personal life, scientific accomplishments, and career of Carl Sagan, astronomer, educator, and public television series host.

The World After Nuclear War Ballantine Books

"The scientific discoveries described in this book may turn out . . . to have been the most important research findings in the long history of science."—Lewis Thomas, from the Foreward
Intelligent Life in the Universe Checkerboard Library
Pulitzer Prize-winning author and astronomer Carl Sagan imagines the greatest adventure of all—the discovery of an advanced civilization in the depths of space. In December of 1999, a multinational team journeys out to the stars, to the most awesome encounter in human history. Who—or what—is out there? In *Cosmos*, Carl Sagan explained the universe. In *Contact*, he predicts its future—and our own.

The Demon-Haunted World Ballantine Books

"A translation, extension, and revision of [the author's *Vselennāia, zhizn', razum*]. Bibliography: p. 489-495.

Carl Sagan's Cosmic Connection Ballantine Books

A fascinating book on the joys of discovering how the world works, by the Pulitzer Prize-winning author of *Cosmos* and *Shadows of Forgotten Ancestors*. "Magnificent . . . Delightful . . . A masterpiece. A message of tremendous hope for humanity . . . While ever conscious that human folly can terminate man's march into the future, Sagan nonetheless paints for us a mind-boggling future: intelligent robots, the discovery of extraterrestrial life and its consequences, and above all the challenge and pursuit of the mystery of the universe."—Chicago Tribune "Go out and buy this book, because Carl Sagan is not only one of the world's most respected scientists, he's a great writer. . . I can give a book no

greater accolade than to say I'm planning on reading it again. And again. And again."—The Miami Herald "The brilliant astronomer . . . is persuasive, provocative and readable."—United Press International "Closely reasoned, impeccably researched, gently humorous, utterly devastating."—The Washington Post

Numerical Relativity Carl Sagan A Life in the Cosmos

A new cultural icon strode the world stage at the turn of the twenty-first century: the celebrity scientist, as comfortable in *Vanity Fair* and *Vogue* as *Smithsonian*. Declan Fahy profiles eight of these eloquent, controversial, and compelling sellers of science to investigate how they achieved celebrity in the United States and internationally—and explores how their ideas influence our understanding of the world. Fahy traces the career trajectories of Richard Dawkins, Stephen Hawking, Steven Pinker, Neil deGrasse Tyson, Brian Greene, Stephen Jay Gould, Susan Greenfield, and James Lovelock. He demonstrates how each scientist embraced the power of promotion and popularization to stimulate thinking, impact policy, influence research, drive controversies, and mobilize social movements. He also considers critical claims that they speak beyond their expertise and for personal gain. The result is a fascinating look into how celebrity scientists help determine what it means to be human, the nature of reality, and how to prepare for society's uncertain future.

Dispatches from the Edges of Science John Wiley & Sons

"Dazzling...A feast. Absorbing and elegantly written, it tells of the origins of life on earth, describes its variety and character, and culminates in a discussion of human nature and the complex traces of humankind's evolutionary past...It is an amazing story masterfully told." FINANCIAL TIMES (LONDON) World renowned scientist Carl Sagan and acclaimed author Ann Druyan have written a ROOTS for the human species, a lucid and riveting account of how humans got to be the way we are. It shows with humor and drama that many of our key traits—self-awareness, technology, family ties, submission to authority, hatred for those a little different from ourselves, reason, and ethics—are rooted in the deep past, and illuminated by our kinship with other animals. Astonishing in its scope, brilliant in its insights, and an absolutely compelling read, *SHADOWS OF FORGOTTEN ANCESTORS* is a triumph of popular science.

Carl Sagan Ballantine Books

Meet Carl Sagan, known for his research on extraterrestrial life! Follow Sagan's story as he theorizes on the temperature of Venus's surface, works with NASA to build the *Mariner 2*, *Viking I*, and *Viking II* probes, and creates the popular PBS program *Cosmos*. Infographics, historic photos, and a glossary enhance readers' understanding of this topic. Additional features include a table of contents, an index, a timeline and fun facts. Aligned to Common Core Standards and correlated to state standards. Checkerboard Library is an imprint of Abdo Publishing, a division of ABDO.

Shadows of Forgotten Ancestors National Geographic Books

In this compelling life of Carl Sagan, award-winning science writer William Poundstone details the transformation of a bookish young astronomer obsessed with life on other worlds into science's first authentic media superstar. The instantly recognizable Sagan, a fixture on television and a bestselling author, offered the layperson entry into the mysteries of the cosmos and of science in general. To much of the scientific community, however, he was a pariah, a brazen publicity seeker who cared more about his image and his fortune than the advancement of science. Poundstone reveals the seldom-discussed aspects of Sagan's life, the legitimate and important work of his early scientific career, the almost obsessive capacity to take on endless projects, and the multiple marriages and fractured personal life, in what *The New Yorker* called an "evenhanded guide" to a great man's career.

Reflections on the Romance of Science Cambridge University Press

A classic book by the world's most famous scientist and science visionary, back in print with a new perspective.

Carl Sagan Ballantine Books

This volume brings together research on the evolution of civilisation in the Andean region of South America from the work of sixteen leading scholars, at one time actively engaged in fieldwork in Peru. Beginning with early chiefdom societies living along the Peruvian coast 2000 years before Christ, the authors trace the growing complexity of Andean states and empires over the next 3000 years. They examine the accomplishments of the ancient Andeans in the rise of magnificent monumental architecture and the construction of unparalleled prehistoric irrigation systems. They also look at the dominant role of warfare in Andean societies and at the collapse of empires in the millennia before the arrival of the Spanish in 1534. Together, the

contributors provide the first systematic study of the evolution of politics along the dry coastal plains and high mountain valleys of the Peruvian Andes.

Carl Sagan Random House Digital, Inc.

"Eleven-year-old Alex Petroski, along with his dog, Carl Sagan, makes big discoveries about his family on a road trip and he records it all on a golden iPod he intends to launch into space"--*Carl Sagan* Penguin

NEW YORK TIMES BESTSELLER • In the final book of his astonishing career, Carl Sagan brilliantly examines the burning questions of our lives, our world, and the universe around us. These luminous, entertaining essays travel both the vastness of the cosmos and the intimacy of the human mind, posing such fascinating questions as how did the universe originate and how will it end, and how can we meld science and compassion to meet the challenges of the coming century? Here, too, is a rare, private glimpse of Sagan's thoughts about love, death, and God as he struggled with fatal disease. Ever forward-looking and vibrant with the sparkle of his unquenchable curiosity, *Billions & Billions* is a testament to one of the great scientific minds of our day. Praise for *Billions & Billions* "[Sagan's] writing brims with optimism, clarity and compassion."—Ft. Lauderdale Sun-Sentinel "Sagan used the spotlight of his fame to illuminate the abyss into which stupidity, greed, and the lust for power may yet dump us. All of those interests and causes are handsomely represented in *Billions & Billions*."—The Washington Post Book World "Astronomer Carl Sagan didn't live to see the millennium, but he probably has done more than any other popular scientist to prepare us for its arrival."—Atlanta Journal & Constitution "Billions & Billions can be interpreted as the Silent Spring for the current generation. . . . Human history includes a number of leaders with great minds who gave us theories about our universe and origins that ran contrary to religious dogma. Galileo determined that the Earth revolved around the Sun, not the other way around. Darwin challenged Creationism with his *Evolution of Species*. And now, Sagan has given the world its latest challenge: *Billions & Billions*."—San Antonio Express-News "[Sagan's] inspiration and boundless curiosity live on in the gift of his work."—Seattle Times & Post-Intelligencer "Couldn't stay awake in your high school science classes? This book can help fill in the holes. Acclaimed scientist Carl Sagan combines his logic and knowledge with wit and humor to make a potentially dry subject enjoyable to read."—The Dallas Morning News

Solving Einstein's Equations on the Computer Ballantine Books

"Ann Druyan has unearthed a treasure. It is a treasure of reason, compassion, and scientific awe. It should be the next book you read." —Sam Harris, author of *The End of Faith* "A stunningly valuable legacy left to all of us by a great human being. I miss him so." —Kurt Vonnegut Carl Sagan's prophetic vision of the tragic resurgence of fundamentalism and the hope-filled potential of the next great development in human spirituality The late great astronomer and astrophysicist describes his personal search to understand the nature of the sacred in the vastness of the cosmos. Exhibiting a breadth of intellect nothing short of astounding, Sagan presents his views on a wide range of topics, including the likelihood of intelligent life on other planets, creationism and so-called intelligent design, and a new concept of science as "informed worship." Originally presented at the centennial celebration of the famous Gifford Lectures in Scotland in 1985 but never published, this book offers a unique encounter with one of the most remarkable minds of the twentieth century.

Carl Sagan U of Minnesota Press

A biography of the astronomer reveals an intellectually astute and emotionally tempestuous man who found himself involved in a host of controversial activities, from visiting Timothy Leary in prison to protesting nuclear weapons, while serving as a visionary voice of the scientific community

Pale Blue Dot Cambridge University Press

Offers a tribute to the late scientist, with technical papers and popular essays from prominent scientists on such issues as religion and science, science education, and space science
The Hercules Text Holt Paperbacks

"The cosmic calendar compresses the local history of the universe into a single year. If the universe began on January 1st it was not until May that the Milky Way formed. Other planetary systems may have appeared in June, July and August, but our Sun and Earth not until mid-September. Life arose soon after. We humans appear on the cosmic calendar so recently that our recorded history occupies only the last few seconds of the last minute of December 31st." ~ Carl Sagan Essential CARL SAGAN Quotes Now at Your Fingertips! This little book of quotes by Carl Sagan covers all his profound quotes on science, cosmos, culture, wisdom Makes for a unique gift to those who appreciate profound

thoughts and ideas Highly quotable lines you can use (or take inspiration) for your own writing "The total number of stars in the Universe is larger than all the grains of sand on all the beaches of the planet Earth." "We live on a hunk of rock and metal that circles a humdrum star that is one of 400 billion other stars that make up the Milky Way Galaxy which is one of billions of other

galaxies which make up a universe which may be one of a very large number, perhaps an infinite number, of other universes. That is a perspective on human life and our culture that is well worth pondering." "For small creatures such as we the vastness is bearable only through love."

Carl Sagan and the Mysteries of the Cosmos Greenwood Publishing Group
Presents an illustrated guide to the universe and to Earth's relationship to it, moving from theories of creation to humankind's discovery of the cosmos, to general relativity, to space missions, and beyond.