

Carl Sagan

Carl Sagan A Biography Greenwood Publishing Group

A penetrating, mesmerizing biography of a scientific icon, now in paperback

"Absolutely fascinating . . . Davidson has done a remarkable job."-Sir Arthur C.

Clarke "Engaging . . . accessible, carefully documented . . . sophisticated."-Dr.

David Hollinger for The New York Times Book Review "Entertaining . . . Davidson

treats [the] nuances of Sagan's complex life with understanding and

sympathy."-The Christian Science Monitor "Excellent . . . Davidson acts as a

keen critic to Sagan's works and their vast uncertainties."-Scientific American "A

fascinating book about an extraordinary man."-Johnny Carson "Davidson, an

award-winning science writer, has written an absorbing portrait of this Pied Piper

of planetary science. Davidson thoroughly explores Sagan's science, wrestles

with his politics, and plumbs his personal passions with a telling instinct for the

revealing underside of a life lived so publicly."-Los Angeles Times Carl Sagan

was one of the most celebrated scientists of this century-the handsome and

alluring visionary who inspired a generation to look to the heavens and beyond.

His life was both an intellectual feast and an emotional rollercoaster. Based on

interviews with Sagan's family and friends, including his widow, Ann Druyan; his

first wife, acclaimed scientist Lynn Margulis; and his three sons, as well as exclusive access to many personal papers, this highly acclaimed life story offers remarkable insight into one of the most influential, provocative, and beloved figures of our time—a complex, contradictory prophet of the Space Age.

"A charming book, ringing with the joy of existence." -- Richard Dawkins "This lyrical exploration of how we can find beauty in the natural world comes from the daughter of Carl Sagan . . . A wonderful gift for your favorite reader." --Good Housekeeping The perfect gift for a loved one or for yourself, *For Small Creatures Such as We* is part memoir, part guidebook, and part social history, a luminous celebration of Earth's marvels that require no faith in order to be believed. Sasha Sagan was raised by secular parents, the astronomer Carl Sagan and the writer and producer Ann Druyan. They taught her that the natural world and vast cosmos are full of profound beauty, that science reveals truths more wondrous than any myth or fable. When Sagan herself became a mother, she began her own hunt for the natural phenomena behind our most treasured occasions—from births to deaths, holidays to weddings, anniversaries, and more—growing these roots into a new set of rituals for her young daughter that honor the joy and significance of each experience without relying on religious framework. As Sagan shares these rituals, *For Small Creatures Such as We*

becomes a moving tribute to a father, a newborn daughter, a marriage, and the natural world--a celebration of life itself, and the power of our families and beliefs to bring us together.

RETURNING TO TELEVISION AS AN ALL-NEW MINISERIES ON FOX Cosmos is one of the bestselling science books of all time. In clear-eyed prose, Sagan reveals a jewel-like blue world inhabited by a life form that is just beginning to discover its own identity and to venture into the vast ocean of space. Cosmos retraces the fourteen billion years of cosmic evolution that have transformed matter into consciousness, exploring such topics as the origin of life, the human brain, Egyptian hieroglyphics, spacecraft missions, the death of the Sun, the evolution of galaxies, and the forces and individuals who helped to shape modern science. Praise for Cosmos “Magnificent . . . With a lyrical literary style, and a range that touches almost all aspects of human knowledge, Cosmos often seems too good to be true.”—The Plain Dealer “Sagan is an astronomer with one eye on the stars, another on history, and a third—his mind’s—on the human condition.”—Newsday “Brilliant in its scope and provocative in its suggestions . . . shimmers with a sense of wonder.”—The Miami Herald “Sagan dazzles the mind with the miracle of our survival, framed by the stately galaxies of space.”—Cosmopolitan “Enticing . . . iridescent . . . imaginatively illustrated.”—The

File Type PDF Carl Sagan

New York Times Book Review NOTE: This edition does not include images. Documents the history of Halley's Comet and describes, in two hundred photographs and an informative text, the path of the comet and the astronomical details of its existence

Who was Carl Sagan? Was he an astronomer, cosmologist, astrophysicist, astrobiologist, author, science popularizer, or science communicator? This picture book, perfect for young kids, will show you. Adya Jha, a twelve-year-old writer, writes a picture book that will take you and the little ones on a journey across his life, to the far reaches of the cosmos, and inspire many to persist and believe.

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

The classic first-contact science fiction novel that launched the career of Jack McDevitt, the national bestselling author of *Coming Home*—now revised from the original edition, and featuring a new foreword. From a remote corner of the galaxy a message is being sent. The continuous beats of a pulsar have become odd, irregular...artificial. It can only be a code. Frantically, a research team struggles to decipher the alien communication. And what the scientists discover is destined to shake the foundations of empires around this world—from Wall Street to the Vatican...

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.

Carl Sagan's many contributions to science and society have been profound and far-reaching, influencing millions of people around the world. He carried out significant research in planetary science, was closely associated with the US space program, created the highly acclaimed television series *Cosmos*, and was the Pulitzer Prize-winning author of many best-selling popular science books. *Carl Sagan's Universe* is a fascinating and beautifully illustrated collection of articles by a distinguished team of authors, and covers the many fields of science, education, policy making, and related areas in which Sagan worked. The book is divided into

File Type PDF Carl Sagan

four sections, the first two of which provide an absorbing overview of the US space program (as well as a complementary account of the Russian program), and of the history and current status of the search for extraterrestrial life. The final two sections deal with the importance of science education in the successful development of a technological society, and of the shaping of science policy in tackling the problems facing us today. Also included is a separate chapter by Sagan himself, discussing the place and role of our planet and mankind in the universe. Written in honour of Carl Sagan's many achievements, this book will fascinate and reward anyone interested in planetary science and exploration, the search for extraterrestrial life, or the role of science in the modern world.

A biography of the celebrity scientist who brought astronomy to books, magazines, and television, as well as to his Cornell University classroom.

“The Addiction Inoculation is a vital look into best practices parenting. Writing as a teacher, a mother, and, as it happens, a recovering alcoholic, Lahey's stance is so compassionate, her advice so smart, any and all parents will benefit from her hard-won wisdom.” —Peggy Orenstein, author of *Girls & Sex* and *Boys & Sex* In this supportive, life-saving resource, the New York Times bestselling author of *The Gift of Failure* helps parents and educators understand the roots of substance abuse and identify who is most at risk for addiction, and offers practical steps for prevention. Jessica Lahey was born into a family with a long history of alcoholism and drug abuse. Despite her desire to thwart her genetic legacy, she became an alcoholic and didn't find her way out until her early forties. Jessica has worked as a teacher in substance abuse programs for teens, and was determined to inoculate her two adolescent sons against their most dangerous inheritance. All children, regardless of their genetics, are at

some risk for substance abuse. According to the National Center on Addiction and Substance Abuse, teen drug addiction is the nation's largest preventable and costly health problem. Despite the existence of proven preventive strategies, nine out of ten adults with substance use disorder report they began drinking and taking drugs before age eighteen. The Addiction Inoculation is a comprehensive resource parents and educators can use to prevent substance abuse in children. Based on research in child welfare, psychology, substance abuse, and developmental neuroscience, this essential guide provides evidence-based strategies and practical tools adults need to understand, support, and educate resilient, addiction-resistant children. The guidelines are age-appropriate and actionable—from navigating a child's risk for addiction, to interpreting signs of early abuse, to advice for broaching difficult conversations with children. The Addiction Inoculation is an empathetic, accessible resource for anyone who plays a vital role in children's lives—parents, teachers, coaches, or pediatricians—to help them raise kids who will grow up healthy, happy, and addiction-free.

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

File Type PDF Carl Sagan

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* For every child who has ever looked up at the stars and asked, "What are they?" comes the story of a curious boy who never stopped wondering: Carl Sagan. When Carl Sagan was a young boy he went to the 1939 World's Fair and his life was changed forever. From that day on he never stopped marveling at the universe and seeking to understand it better. *Star Stuff* follows Carl from his days star gazing from the bedroom window of his Brooklyn apartment, through his love of speculative science fiction novels, to his work as an internationally renowned scientist who worked on the Voyager missions exploring the farthest reaches of space. This book introduces the beloved man who brought the mystery of the cosmos into homes across America to a new generation of dreamers and star gazers.

About this book... Since the publication of *Worlds in Collision*, Dr. Immanuel Velikovsky's unconventional theories of the origin of the solar system have generated immense interest and bitter controversy. Chief among his critics has been the well-known astronomer, author and

File Type PDF Carl Sagan

television personality, Dr. Carl Sagan, of Cornell University. While brilliantly defending Velikovsky's work, Carl Sagan and Immanuel Velikovsky mercilessly dissects Sagan, his blatantly snide, dishonest and unprofessional 'arguments,' and exposes the sordid and unscientific side of 'scientific' controversy.

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.

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.

Do you want more free book summaries like this? Download our app for free at <https://www.QuickRead.com/App> and get access to hundreds of free book and audiobook summaries. Unlock the mysteries of the universe. Have you ever paused for a moment to ponder the complexities of the universe? Or wondered what it would be like to understand what's really going on up there? Carl Sagan's revolutionary expose of the cosmos seeks to answer those questions and more. By unpacking the concepts which characterize our understanding of the universe and our place in it, Sagan takes you on an unparalleled intergalactic journey.

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

File Type PDF Carl Sagan

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.

The Pulitzer Prize-winning author of *Cosmos* and renowned astronomer Carl Sagan's international bestseller about the discovery of an advanced civilization in the depths of space remains the "greatest adventure of all time" (Associated Press). The future is here...in an adventure of cosmic dimension. When a signal is discovered that seems to come from far beyond our solar system, a multinational team of scientists decides to find the source. What follows is an eye-opening journey out to the stars to the most awesome encounter in human history. Who—or what—is out there? Why are they watching us? And what do they want with us? One of the best science fiction novels about communication with extraterrestrial intelligent beings, *Contact* is a "stunning and satisfying" (Los Angeles Times) classic.

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

A collection of interviews and profiles show how Sagan, a lifelong skeptic, refined his views and expressed amazement that Earth encompasses everything about which he cared.

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.

One of the world's leading scientists explains why—and how—the search for intelligent life beyond Earth should be expanded. Fifty years ago, a young astronomer named Frank Drake first pointed a radio telescope at nearby stars in the hope of picking up a signal from an alien civilization. Thus began one of the boldest scientific projects in history, the Search for Extraterrestrial Intelligence (SETI). After a half-century of scanning the skies, however, astronomers have little to report but an eerie silence—eerie because many scientists are convinced that the universe is teeming with life. Physicist and astrobiologist Paul Davies has been closely involved with SETI for three decades and chairs the SETI Post-Detection Taskgroup, charged with deciding what to do if we're suddenly confronted with evidence of alien intelligence. He believes the search so far has fallen into an anthropocentric trap—assuming that an alien species will look, think, and behave much like us. In this provocative book Davies refocuses the search, challenging existing ideas of what form an alien intelligence might take, how it might try to communicate with us, and how we should respond if it does.

File Type PDF Carl Sagan

A young reader introduces a boy to the many imaginative worlds that books bring to life.

"A biography of Carl Sagan focusing on his childhood and culminating in the Voyager mission and the Golden Record"--Provided by publisher.

Equal parts scientist and public personality, Carl Sagan was one of the most well-known figures of the 20th century. As an adviser to NASA, he helped plan the first moon landing. As an activist, he warned of the dangers of nuclear war. And through his writings and television show, Sagan nurtured the scientific curiosity of audiences around the world, encouraging even the non-scientifically inclined to understand the possibilities that lay in the cosmos and beyond. The remarkable life of the multi-talented Sagan is chronicled within these pages, which survey his personal and professional challenges and his greatest successes.

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

File Type PDF Carl Sagan

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

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

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

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

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.

File Type PDF Carl Sagan

What are these graceful visitors to our skies? We now know that they bring both life and death and teach us about our origins. Comet begins with a breathtaking journey through space astride a comet. Pulitzer Prize-winning astronomer Carl Sagan, author of *Cosmos* and *Contact*, and writer Ann Druyan explore the origin, nature, and future of comets, and the exotic myths and portents attached to them. The authors show how comets have spurred some of the great discoveries in the history of science and raise intriguing questions about these brilliant visitors from the interstellar dark. Were the fates of the dinosaurs and the origins of humans tied to the wanderings of a comet? Are comets the building blocks from which worlds are formed? Lavishly illustrated with photographs and specially commissioned full-color paintings, *Comet* is an enthralling adventure, indispensable for anyone who has ever gazed up at the heavens and wondered why. Praise for *Comet* "Simply the best." —The Times of London "Fascinating, evocative, inspiring." —The Washington Post "Comet humanizes science. A beautiful, interesting book." —United Press International "Masterful . . . science, poetry, and imagination." —The Atlanta Journal & Constitution NATIONAL BESTSELLER • "Exciting and provocative . . . A tour de force of a book that begs to be seen as well as to be read."—The Washington Post Book World 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. *Shadows of Forgotten Ancestors* is a thrilling saga that starts with the origin of

the Earth. 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. Sagan and Druyan conduct a breathtaking journey through space and time, zeroing in on critical turning points in evolutionary history, and tracing the origins of sex, altruism, violence, rape, and dominance. Their book culminates in a stunningly original examination of the connection between primate and human traits. Astonishing in its scope, brilliant in its insights, and an absolutely compelling read, *Shadows of Forgotten Ancestors* is a triumph of popular science.

“Fascinating . . . memorable . . . revealing . . . perhaps the best of Carl Sagan’s books.”—The Washington Post Book World (front page review) In *Cosmos*, the late astronomer Carl Sagan cast his gaze over the magnificent mystery of the Universe and made it accessible to millions of people around the world. Now in this stunning sequel, Carl Sagan completes his revolutionary journey through space and time. Future generations will look back on our epoch as the time when the human race finally broke into a radically new frontier—space. In *Pale Blue Dot*, Sagan traces the spellbinding history of our launch into the cosmos and assesses the future that looms before us as we move out into our own solar system and on to distant galaxies beyond. The exploration and eventual settlement of other worlds is neither a fantasy nor luxury, insists Sagan, but rather a necessary condition for the survival of the human race.

File Type PDF Carl Sagan

“Takes readers far beyond Cosmos . . . Sagan sees humanity’s future in the stars.”—Chicago Tribune

Sometimes intelligent life is right in front of your whiskers. Hsissh is a member of The One. There are some newcomers to The One's homeplanet. They call themselves "humans," and they are, frankly, mentally deficient--they can't warp the quantum world with their minds. However, Hsissh is becoming attached to one of them, a Miss Noa Sato. When The One decide they will wipe out the humans and Noa's life is on the line, Hsissh is forced to take sides ... he might find intelligent life where The One least expect it.

“A history of the human brain from the big bang, fifteen billion years ago, to the day before yesterday . . . It's a delight.”—The New York Times Dr. Carl Sagan takes us on a great reading adventure, offering his vivid and startling insight into the brain of man and beast, the origin of human intelligence, the function of our most haunting legends—and their amazing links to recent discoveries. “How can I persuade every intelligent person to read this important and elegant book? . . . He talks about all kinds of things: the why of the pain of human childbirth . . . the reason for sleeping and dreaming . . . chimpanzees taught to communicate in deaf and dumb language . . . the definition of death . . . cloning . . . computers . . . intelligent life on other planets. . . . Fascinating . . . delightful.”—The Boston Globe “In some lost Eden where dragons ruled, the foundations of our intelligence were laid. . . . Carl Sagan takes us on a guided tour of

that lost land. . . . Fascinating . . . entertaining . . . masterful.”—St. Louis Post-Dispatch
A star-crossed prophecy. A lot of music. Just not a lot of light. In this darkly comic rock-fable, a melancholy sandwich maker’s humdrum life is intersected by two entrancing sisters. A sweeping ode to young love set against the backdrop of the Northeast blackout of 1965, *Fly By Night* is a tale about making your way and discovering hope in a world beset by darkness.

[Copyright: d638184a27b0dafa8c53823af2528537](#)