

## Feynman By Jim Ottaviani Nicoleprive

Traces the colorful, turbulent life of the Nobel Prize-winning physicist, from the death of his childhood sweetheart during the Manhattan Project to his rise as an icon in the scientific community.

A portrait of the late Nobel Prize-winning physicist recounts his early enthusiasm for science, work on the atom bomb, and inquiry into the Challenger explosion. The New York Times best-selling sequel to "Surely You're Joking, Mr. Feynman!" One of the greatest physicists of the twentieth century, Richard Feynman possessed an unquenchable thirst for adventure and an unparalleled ability to tell the stories of his life. "What Do You Care What Other People Think?" is Feynman's last literary legacy, prepared with his friend and fellow drummer, Ralph Leighton. Among its many tales—some funny, others intensely moving—we meet Feynman's first wife, Arlene, who taught him of love's irreducible mystery as she lay dying in a hospital bed while he worked nearby on the atomic bomb at Los Alamos. We are also given a fascinating narrative of the investigation of the space shuttle Challenger's explosion in 1986, and we relive the moment when Feynman revealed the disaster's cause by an elegant experiment: dropping a ring of rubber into a glass of cold water and pulling it out,

misshapen.

"Edward O. Wilson, one of the world's preeminent biologists, launches his career not in a classroom but roaming outside, exploring beaches, woods, and swamps with an insatiable drive to understand the natural world. Wilson's critically acclaimed memoir *Naturalist* is an inspiring account of his growth as a scientist and the evolution of the fields he helped define. This new [graphic adaptation] brings Wilson's childhood and celebrated career to life through full-color illustrations and Wilson's own lyrical writing."--Provided by publisher.

In their bestselling book for young readers, noted physicist Stephen Hawking and his daughter, Lucy, provide a grand and funny adventure that explains fascinating information about our universe, including Dr. Hawking's latest ideas about black holes. It's the story of George, who's taken through the vastness of space by a scientist, his daughter, and their super-computer named Cosmos. George's *Secret Key to the Universe* was a *New York Times* bestseller and a selection of *Al's Book Club* on the *Today* show.

An accessible graphic introduction to evolution for the most science-phobic reader Illustrated by the brilliant duo Kevin Cannon and Zander Cannon, this volume is written by the noted comic author and professor of biology Jay Hosler. *Evolution* features the same characters introduced in the highly regarded *The*

Stuff of Life: A Graphic Guide to Genetics and DNA, now here to explain the fundamentals of the evolution of life on earth. On the heels of explaining to his planetary leader the intricacies of human genetics in *The Stuff of Life*, the intrepid alien scientist Bloort-183 is charged in this sequel with covering the wider story of evolution. Using the same storytelling conceit that *Plenty* magazine declared “so charming that you won’t even notice you’ve absorbed an entire scientific field” and that caused *Seed* to pick *The Stuff of Life* as a best book of 2008, *Evolution* brilliantly answers *Wired*’s demand, “What’s the solution to America’s crisis in science education? More comic books!” *Evolution*, the most accessible graphic work on this universally studied subject, takes the reader from earth’s primordial soup to the vestigial structures, like the coccyx and the male nipple, of modern humans. Once again, the award-winning illustrations of the Cannons render the complex clear and everything cleverly comedic. And in Hosler, *Evolution* has an award-winning biology teacher whose science comics have earned him a National Science Foundation grant and an interview on NPR’s *Morning Edition*. It is, perhaps, the perfect video game. Simple yet addictive, *Tetris* delivers an irresistible, unending puzzle that has players hooked. Play it long enough and you’ll see those brightly colored geometric shapes everywhere. You’ll see them in your dreams. Alexey Pajitnov had big ideas about games. In 1984, he created

Tetris in his spare time while developing software for the Soviet government. Once Tetris emerged from behind the Iron Curtain, it was an instant hit. Nintendo, Atari, Sega—game developers big and small all wanted Tetris. A bidding war was sparked, followed by clandestine trips to Moscow, backroom deals, innumerable miscommunications, and outright theft. In this graphic novel, New York Times–bestselling author Box Brown untangles this complex history and delves deep into the role games play in art, culture, and commerce. For the first time and in unparalleled detail, *Tetris: The Games People Play* tells the true story of the world’s most popular video game.

Richard Feynman: physicist . . . Nobel winner . . . bestselling author . . . safe-cracker. In this substantial graphic novel biography, *First Second* presents the larger-than-life exploits of Nobel-winning quantum physicist, adventurer, musician, world-class raconteur, and one of the greatest minds of the twentieth century: Richard Feynman. Written by nonfiction comics mainstay Jim Ottaviani and brilliantly illustrated by *First Second* author Leland Myrick, Feynman tells the story of the great man's life from his childhood in Long Island to his work on the Manhattan Project and the Challenger disaster. Ottaviani tackles the bad with the good, leaving the reader delighted by Feynman's exuberant life and staggered at the loss humanity suffered with his death. Anyone who ever wanted to know

more about Richard P. Feynman, quantum electrodynamics, the fine art of the bongo drums, the outrageously obscure nation of Tuva, or the development and popularization of the field of physics in the United States need look no further than this rich and joyful work. One of School Library Journal's Best Adult Books 4 Teens titles of 2011 One of Horn Book's Best Nonfiction Books of 2011 In graphic novel format, tells the stories of women who have made major contributions to science and technology, including Marie Curie, Emmy Noether, Rosalind Franklin, and Barbara McClintock.

"An illustrated introduction to the major subjects of Western philosophy, guided by Heraclitus"--

Richard Feynman: physicist . . . Nobel winner . . . bestselling author . . . safe-cracker. In this substantial graphic novel biography, *First Second* presents the larger-than-life exploits of Nobel-winning quantum physicist, adventurer, musician, world-class raconteur, and one of the greatest minds of the twentieth century: Richard Feynman. Written by nonfiction comics mainstay Jim Ottaviani and brilliantly illustrated by *First Second* author Leland Myrick, Feynman tells the story of the great man's life from his childhood in Long Island to his work on the Manhattan Project and the Challenger disaster. Ottaviani tackles the bad with the good, leaving the reader delighted by Feynman's exuberant life and staggered at

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The perfect companion to any flight - a guide to the science on view from your window seat. There are few times when science is so immediate as when you're in a plane. Your life is in the hands of the scientists and engineers who enable tons of metal and plastic to hurtle through the sky at hundreds of miles an hour. Inflight Science shows how you stay alive up there - but that's only the beginning. Brian Clegg explains the ever changing view, whether it's crop circles or clouds, mountains or river deltas, and describes simple experiments to show how a wing provides lift, or what happens if you try to open a door in midair (don't!). On a plane you'll experience the impact of relativity, the power of natural radiation and the effect of altitude on the boiling point of tea. Among the many things you'll learn is why the sky is blue, the cause of thunderstorms and the impact of volcanic ash in an enjoyable tour of mid-air science. Every moment of your journey is an opportunity to experience science in action: Inflight Science will be

your guide.

Feynman First Second

Presents the story of illusions, with such characters as The Scientist, The American, The Inventor, and The Heir.

Professeur de physique à 24 ans, prix Nobel à 47, Richard Feynman (1918-1988) fut l'un des plus grands physiciens de notre temps. Depuis sa participation au projet Manhattan en tant que jeune chercheur jusqu'à sa brillante démonstration lors de l'enquête sur l'explosion de la navette spatiale Challenger, cet orateur-né sut aussi se faire apprécier du grand public. Mais ce portrait serait incomplet si l'on se contentait de louer en lui le physicien hors pair. Iconoclaste, il mena une vie excentrique - farceur impertinent, joueur de bongo, amateur de night-clubs, séducteur invétéré, déchiffreur de codes secrets et de textes mayas, grand voyageur -, racontée ici avec un dessin pétri de l'humour du gamin de la banlieue new-yorkaise qu'il n'a jamais cessé d'être. [Source : d'après la 4e de couverture]

A unique tribute to a small-town American childhood highlights the experiences that shaped the author's character, for better and for worse, offering snapshots of happiness alternating with tragedy.

Welcome to the Human Body Theater, where your master of ceremonies is going

to lead you through a theatrical revue of each and every biological system of the human body! Starting out as a skeleton, the MC puts on a new layer of her costume (her body) with each "act." By turns goofy and intensely informative, the Human Body Theater is always accessible and always entertaining. Maris Wicks is a biology nerd, and by the time you've read this book, you will be too! Harnessing her passion for science (and her background as a science educator for elementary and middle-school students), she has created a comics-format introduction to the human body that will make an expert of any reader -- young or old!

This collection from scientist and Nobel Peace Prize winner highlights the achievements of a man whose career reshaped the world's understanding of quantum electrodynamics. *The Pleasure of Finding Things Out* is a magnificent treasury of the best short works of Richard P. Feynman—from interviews and speeches to lectures and printed articles. A sweeping, wide-ranging collection, it presents an intimate and fascinating view of a life in science—a life like no other. From his ruminations on science in our culture to his Nobel Prize acceptance speech, this book will fascinate anyone interested in the world of ideas. Recounts the story of Harry Harlow, a psychologist who speculated, explained, and conducted experiments on whether "love" exists, using rhesus monkeys as



subjects.

In the graphic novel *Astronauts: Women on the Final Frontier*, Jim Ottaviani and illustrator Maris Wicks capture the great humor and incredible drive of Mary Cleave, Valentina Tereshkova, and the first women in space. The U.S. may have put the first man on the moon, but it was the Soviet space program that made Valentina Tereshkova the first woman in space. It took years to catch up, but soon NASA's first female astronauts were racing past milestones of their own. The trail-blazing women of Group 9, NASA's first mixed gender class, had the challenging task of convincing the powers that be that a woman's place is in space, but they discovered that NASA had plenty to learn about how to make space travel possible for everyone.

*BRIGHT ELEGY* tells a story of mystery, violence and love the story of one mans conflicted journey a man trying to flee his past while at the same time sinking into childhood memories for succor and comfort. *BRIGHT ELEGY* is a love story. Not a romance, but a love story a story in which time and memory and reality twist in a triple helix to form the life of the main character, James Sharpe. James runs away to an island in the Pacific Northwest where he encounters Helen and is swept up in a quest to discover the truth about his past life and the death of his girlfriend.

A twelve-year-old demigod is sent to help the people of Arcopolis, a city infested with monsters.

This reader-friendly, richly illustrated book provides an engaging overview of quantum physics, from “big ideas” like probability and uncertainty and conservation laws to the behavior of quarks and photons and neutrinos, and on to explanations of how a laser works and why black holes evaporate.

Tells the story of the life and work of the Danish physicist in comic book format.

"Nuclear weapons, since their conception, have been the subject of secrecy. In the months after the dropping of the atomic bombs on Hiroshima and Nagasaki, the American scientific establishment, the American government, and the American public all wrestled with what was called the "problem of secrecy," wondering not only whether secrecy was appropriate and effective as a means of controlling this new technology but also whether it was compatible with the country's core values. Out of a messy context of propaganda, confusion, spy scares, and the grave counsel of competing groups of scientists, what historian Alex Wellerstein calls a "new regime of secrecy" was put into place. It was unlike any other previous or since. Nuclear secrets were given their own unique legal designation in American law ("restricted data"), one that operates differently than all other forms of national security classification and exists to this day. Drawing on massive amounts of declassified files, including records released by the government for the first time at the author's request, Restricted Data is a narrative account of nuclear secrecy and the tensions and uncertainty that built as the Cold War continued. In the US, both science and democracy are pitted against nuclear secrecy, and this makes its history

uniquely compelling and timely"--

Following their New York Times-bestselling graphic novel Feynman, Jim Ottaviani and Leland Myrick deliver a gripping biography of Stephen Hawking, one of the most important scientists of our time. From his early days at the St Albans School and Oxford, Stephen Hawking's brilliance and good humor were obvious to everyone he met. A lively and popular young man, it's no surprise that he would later rise to celebrity status. At twenty-one he was diagnosed with ALS, a degenerative neuromuscular disease. Though the disease weakened his muscles and limited his ability to move and speak, it did nothing to limit his mind. He went on to do groundbreaking work in cosmology and theoretical physics for decades after being told he had only a few years to live. He brought his intimate understanding of the universe to the public in his 1988 bestseller, *A Brief History of Time*. Soon after, he added pop-culture icon to his accomplishments by playing himself on shows like *Star Trek*, *The Simpsons*, and *The Big Bang Theory*, and becoming an outspoken advocate for disability rights. In *Hawking*, writer Jim Ottaviani and artist Leland Myrick have crafted an intricate portrait of the great thinker, the public figure, and the man behind both identities.

A tour-de-force by rising indy comics star Gene Yang, *American Born Chinese* tells the story of three apparently unrelated characters: Jin Wang, who moves to a new neighborhood with his family only to discover that he's the only Chinese-American student at his new school; the powerful Monkey King, subject of one of the oldest and greatest Chinese fables; and Chin-Kee, a personification of the ultimate negative Chinese stereotype, who is ruining his cousin Danny's life with his yearly visits. Their lives and stories come together with an unexpected twist in this action-packed modern fable. *American Born Chinese* is an amazing ride, all the way up to the

astounding climax. *American Born Chinese* is a 2006 National Book Award Finalist for Young People's Literature, the winner of the 2007 Eisner Award for Best Graphic Album: New, an Eisner Award nominee for Best Coloring and a 2007 Bank Street - Best Children's Book of the Year. This title has Common Core Connections

Award winning authors Jim Ottaviani and Leland Purvis present a historically accurate graphic novel biography of English mathematician and scientist Alan Turing in *The Imitation Game*. English mathematician and scientist Alan Turing (1912-1954) is credited with many of the foundational principles of contemporary computer science. *The Imitation Game* presents a historically accurate graphic novel biography of Turing's life, including his groundbreaking work on the fundamentals of cryptography and artificial intelligence. His code breaking efforts led to the cracking of the German Enigma during World War II, work that saved countless lives and accelerated the Allied defeat of the Nazis. While Turing's achievements remain relevant decades after his death, the story of his life in post-war Europe continues to fascinate audiences today. Award-winning duo Jim Ottaviani (the #1 New York Times bestselling author of *Feynman* and *Primates*) and artist Leland Purvis (an Eisner and Ignatz Award nominee and occasional reviewer for the *Comics Journal*) present a factually detailed account of Turing's life and groundbreaking research--as an unconventional genius who was arrested, tried, convicted, and punished for his openly gay lifestyle, and whose innovative work still fuels the computing and communication systems that define our modern world. Computer science buffs, comics fans, and history aficionados will be captivated by this riveting and tragic story of one of the 20th century's most unsung heroes.

"A story of the Manhattan Project and the price J. Robert Oppenheimer, Leo Szilard, and we all

paid for the atomic bomb"--P. 4 of cover.

Famous explorer Bob and his dog Rick have been around the world and even to the Moon, but their travels through the quantum universe show them the greatest wonders they've ever seen. As they follow their tour guide, the giddy letter h (also known as the Planck constant), Bob and Rick discover that the universe is bouncy, have crepes with Max Planck, talk to Einstein about atoms, visit Louis de Broglie in his castle, and hang out with Heisenberg on Heligoland. On the way, we find out that a dog - much like a cat - can be both dead and alive, the gaze of a mouse can change the universe, and a comic book can actually make quantum physics fun, easy to understand and downright enchanting.

Let's face it: From adenines to zygotes, from cytokinesis to parthenogenesis, even the basics of genetics can sound utterly alien. So who better than an alien to explain it all? Enter Bloort 183, a scientist from an asexual alien race threatened by disease, who's been charged with researching the fundamentals of human DNA and evolution and laying it all out in clear, simple language so that even his slow-to-grasp-the-point leader can get it. In the hands of the award-winning writer Mark Schultz, Bloort's predicament becomes the means of giving even the most science-phobic reader a complete introduction to the history and science of genetics that's as easy to understand as it is entertaining to read.

Features true stories from the history of science Some are serious, some are humorous, and most are a bit of both. All are written by Jim Ottaviani and showcase artwork by Mark Badger, Donna Barr, Sean Bieri, Paul Chadwick, Gene Colan, Guy Davis, Colleen Doran, David Lasky, Steve Lieber, Lin Lucas, Bernie; Mireault, Scott Roberts, Scott Saavedra, and Rob Walton. The author, a professor of entomology at Harvard, looks back on his life, education, and

career, and discusses his work.

"A printed eulogy of one of the most interesting and creative physicists of our time....The reader gets fascinating first-person accounts from eminent physicists qua ardent admirers of one who will forever be remembered in the pages of physics." Choice Prominent physicists such as John Wheeler, Freeman Dyson, Hans Bethe, Julian Schwinger, Murray Gell-Mann, David Pines, and others offer intimate reminiscences of their colleague and perceptive explanations of Feynman's trailblazing work. These essays uncover the precocious undergraduate, the young scholar at Cornell, the theoretician in his prime at Caltech, and the mature teacher and mentor. Highlighting both the charm and brilliance of Feynman, "Most of the Good Stuff" is an engrossing collection for enthusiasts--scientists and nonscientists alike--awed and entertained by one of the century's greatest minds.

Introduces the lives and work of three eminent primatologists, shares insights into their educations under mentor Louis Leakey, while exploring their pivotal contributions to twentieth-century natural science.

Feynman's Tips on Physics is a delightful collection of Richard P. Feynman's insights and an essential companion to his legendary Feynman Lectures on Physics With characteristic flair, insight, and humor, Feynman discusses topics physics students often struggle with and offers valuable tips on addressing them. Included here are three lectures on problem-solving and a lecture on inertial guidance omitted from The Feynman Lectures on Physics. An enlightening memoir by Matthew Sands and oral history interviews with Feynman and his Caltech colleagues provide firsthand accounts of the origins of Feynman's landmark lecture series. Also included are incisive and illuminating exercises originally developed to supplement The

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Feynman Lectures on Physics, by Robert B. Leighton and Rochus E. Vogt. Feynman's Tips on Physics was co-authored by Michael A. Gottlieb and Ralph Leighton to provide students, teachers, and enthusiasts alike an opportunity to learn physics from some of its greatest teachers, the creators of The Feynman Lectures on Physics.

One of the most famous science books of our time, the phenomenal national bestseller that "buzzes with energy, anecdote and life. It almost makes you want to become a physicist" (Science Digest). Richard P. Feynman, winner of the Nobel Prize in physics, thrived on outrageous adventures. In this lively work that "can shatter the stereotype of the stuffy scientist" (Detroit Free Press), Feynman recounts his experiences trading ideas on atomic physics with Einstein and cracking the uncrackable safes guarding the most deeply held nuclear secrets—and much more of an eyebrow-raising nature. In his stories, Feynman's life shines through in all its eccentric glory—a combustible mixture of high intelligence, unlimited curiosity, and raging chutzpah. Included for this edition is a new introduction by Bill Gates. A graphic novel account of the race to construct the first atomic bomb and the decision to drop it, tracing the early research, the heated debates, and profiles of forefront Manhattan Project contributors.

In graphic novel format, the story of Edward Drinker Cope and Othniel Charles Marsh, two scientists who found and fought for the bones revealed when the railroad moved west. "In this substantial graphic novel biography, First Second presents the larger-than-life exploits of Nobel-winning quantum physicist, adventurer, musician, world-class raconteur, and one of the greatest minds of the twentieth century: Richard Feynman. Written by nonfiction comics mainstay Jim Ottaviani and brilliantly illustrated by First Second author Leland Myrick,

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