

BOOK SUGGESTIONS - FROM SOME PHYSICS AND ASTRONOMY FACULTY

AUTHOR	TITLE & BRIEF DESCRIPTION
Bill Bryson (2003)	A short history of nearly everything. Anchor Canada An elegantly written history of science that includes a lot of physics and astrophysics.
Brenda Maddox (2001)	Rosalind Franklin: the Dark Lady of DNA. Harper Collins The story of the woman behind the discovery of the structure of DNA.
Roger Penrose	The Emperor's New Mind A story about computers, the mind, and how the laws of physics underpin them all
Kip Thorne (1994)	Black Holes and Time Warps: Einstein's Outrageous Legacy
Barbara Lovett Cline	Men Who Made a New Physics (or The Questioners) A historical perspective on modern physics.
Stephen Hawking	A Brief History of Time From the Big Bang to black holes
James Gleick	Chaos A historical introduction to the ideas of chaos & fractals.
	Genius: Richard Feynman and Modern Physics The story of Richard Feynman's colourful life, his theories and experiments, and what they mean today
G.Gamow	Mr. Tompkins in Wonderland A journey through a country in which quantum and relativistic effects are part of everyday experience.
John Gribbin	In search of Schrödinger's Cat Quantum physics & reality.
J.M. Thomas	Michael Faraday and The Royal Institution (Biography)
Abraham Pais	Inward Bound: Of Matter & Forces in the Physical World
Russell Rhodes	The Making of the Atomic Bomb A very good history of nuclear physics to the second World War; and much else
Steven Weinberg	Dreams of a Final Theory A very clear presentation of what modern elementary particle physics is all about.
L.Krauss	Fear of Physics - A Guide for the Perplexed. An excellent discussion of guiding principles in physics, including symmetry.
Richard Feynman	Surely You're Joking, Mr. Feynman What Do You Care What Other People Think? Both are stories from Feynman's life, told by him.
Brian Greene	The Elegant Universe: Superstrings, Hidden Dimensions, and the Quest for the Ultimate Theory. The Fabric of the Cosmos: Space, Time and the Texture of Reality.
Jeremy Bernstein	Oppenheimer: Portrait of an Enigma. Biography of the man behind the nuclear bomb.