

Some Suggested Books for History 3350 Class Presentation:

Dan Agin, *Junk Science: How Politicians, Corporations, and Other Hucksters Betray Us* (2006)

Joyce Appleby, *Shores of Knowledge: New World Discoveries and the Scientific Imagination* (2013).

W. Brian Arthur, *The Nature of Technology: What It Is and How It Evolves* (Free Press, 2009).

Anthony Aveni, *Stairways to the Stars: Skywatching in Three Great Ancient Cultures* (1999).

Marcia Bartusiak, *The Day We Found the Universe* (2009).

David Bodanis, *E=mc²: A Biography of the World's Most Famous Equation* (2000).

Bill Bryson, *A Short History of Nearly Everything* (2003).

Cathy Cobb and Harold Goldwhite, *Creations of Fire: Chemistry's Lively History from Alchemy to the Atomic Age* (New York: Plenum Press, 1995).

Clifford D. Conner, *A People's History of Science: Miners, Midwives, and Low Mechanics* (2005).

Richard Conniff, *Swimming with Piranhas at Feeding Time: My Life Doing Dumb Stuff with Animals* (2010).

Alfred W. Crosby, *Children of the Sun: A History of Humanity's Unappeasable Appetite for Energy* (2006).

Jared M. Diamond, *The Third Chimpanzee: The Evolution and Future of the Human Animal* (1992).

Jared M. Diamond, *Guns, Germs, and Steel: The Fates of Human Societies* (1997).

Jared M. Diamond, *Collapse: How Societies Choose to Fail or Succeed* (2005).

Rosemary Drisdelle, *Parasites: Tales of Humanity's Most Unwelcome Guests* (2010).

Rob Dunn, *Every Living Thing: Man's Obsessive Quest to Catalog Life, from Nanobacteria to New Monkeys* (2009).

Timothy Ferris, *The Whole Shebang: A State of the Universe Report* (1998).

Stuart Firestein, *Ignorance: How It Drives Science* (2012).

David Fisher, *Much Ado about (Practically) Nothing: A History of the Noble Gases* (2010).

Allan Franklin, et al, *Ending the Mendel-Fisher Controversy* (2008).

David M. Friedman, *The Immortalists: Charles Lindbergh, Dr. Alexis Carrel, and Their Daring Quest to Live Forever* (2007).

Stephen Jay Gould, *The Mismeasure of Man* (1981, Revised and expanded: 1996).

John Grant, *Denying Science: Conspiracy Theories, Media Distortions, and the War against Reality* (Prometheus Books, 2011).

John Gribbin, *The Scientists: A History of Science Told Through the Lives of Its Greatest Inventors* (2004).

John Gribbin, *Alone in the Universe: Why Our Planet is Unique* (2011).

Oren Harman, *The Price of Altruism: George Price and the Search for the Origins of Kindness* (2010).

Sandra G. Harding, *Is Science Multicultural?: Postcolonialisms, Feminisms, and Epistemologies* (1998).

Stephen W. Hawking, *A Brief History of Time: From the Big Bang to Black Holes* (1988).

Hal Hellman, *Great Feuds in Science: Ten of the Liveliest Disputes Ever* (1998).

Chris Impey and Holly Henry, *Dreams of Other Worlds: The Amazing Story of Unmanned Space Exploration* (2013).

James Hoggan with Richard Littlemore, *Climate Cover-up: The Crusade to Deny Global Warming* (2009).

Michio Kaku, *Physics of the Future: How Science Will Shape Human Destiny and Our Daily Lives by the Year 2100* (2011).

Sam Kean, *The Disappearing Spoon: And Other True Tales of Madness, Love, and the History of the World from the Periodic Table of the Elements* (2010).

Peter D. Kramer, *Listening to Prozac: A Psychiatrist Explores Antidepressant Drugs and the Remaking of the Self* (1993).

Thomas S. Kuhn, *The Structure of Scientific Revolutions* (second edition, Chicago: University of Chicago Press, 1962, 1970).

Edward J. Larson, *Evolution: The Remarkable History of a Scientific Theory* (2004)

David C. Lindberg, *The Beginnings of Western Science: The European Scientific Tradition in Philosophical, Religious, and Institutional Context, Prehistory to A.D. 1450* (Second edition, 2008).

Mario Livio, *Brilliant Blunders: From Darwin to Einstein - Colossal Mistakes by Great Scientists That Changed Our Understanding of Life and the Universe* (2013)

Alberto A. Martinez, *Science Secrets: The Truth about Darwin's Finches, Einstein's Wife, and Other Myths* (2011).

Victor K. McElheny, *Drawing the Map of Life: Inside the Human Genome Project* (2010).

Ronald L. Numbers, *The Creationists* (1992).

Ronald L. Numbers, editor, *Galileo Goes to Jail and Other Myths About Science and Religion* (2009).

Brian Payton, *The Ice Passage: A True Story of Ambition, Disaster, and Endurance in the Arctic Wilderness* (2010).

Roy Porter, ed., *The Cambridge Illustrated History of Medicine* (1996).

Roy Porter, *The Greatest Benefit to Mankind: A Medical History of Humanity* (1998)

James Lawrence Powell, *Dead Pool: Lake Powell, Global Warming, and the Future of Water in the West* (2008).

Chet Raymo, *Walking Zero: Discovering Cosmic Space and Time Along the Prime Meridian* (2006).

Richard Rhodes, *The Making of the Atomic Bomb* (1986).

Richard Rhodes, *Dark Sun: The Making of the Hydrogen Bomb* (1996).

Richard Rhodes, *Deadly Feasts: Tracking the Secrets of a Terrifying New Plague* (1997).

Paul Sabin, *The Bet: Paul Ehrlich, Julian Simon, and Our Gamble over Earth's Future* (2013).

Michael Shellenberger and Ted Nordhaus, *Break Through: From the Death of Environmentalism to the Politics of Possibility* (2007).

Michael Shermer, *In Darwin's Shadow: The Life and Science of Alfred Russel Wallace: A Biographical Study on the Psychology of History* (2002).

Neil Shubin, *Your Inner Fish: A Journey into the 3.5-Billion-Year History of the Human Body* (Pantheon, 2008).

Daniel Lord Smail, *On Deep History and the Brain* (University of California Press, 2007).

Keith Thomson, *Jefferson's Shadow: The Story of His Science* (2012).

Robert Wright, *The Moral Animal: Why We Are, the Way We Are: The New Science of Evolutionary Psychology* (1994).

J. Craig Venter, *Life at the Speed of Light: From the Double Helix to the Dawn of Digital Life* (2013).

Richard S. Westfall, *The Life of Isaac Newton* (1993).

Robert Wright, *Nonzero: The Logic of Human Destiny* (2000).

Carl Zimmer, *Evolution: The Triumph of an Idea* (2001)

Almost any book by Carl Sagan, Stephen Jay Gould, or Edward O. Wilson.

Selected science fiction novels.