

CHM 100

Book Report Reading List:

If you cannot find any of these books in our library you are free to use the area public libraries, and ODU's Library. If you prefer, you may choose a book, written in or after 1995, concerning an environmental topic such as the ozone hole, acid rain, water or air pollution, toxic waste, indoor pollution, etc., **but your instructor must see and approve the book before you read and report on it.**

- *A Feeling for the Organism: The Life and Work of Barbara McClintock*, Evelyn F. Keller
- *Crime Lab.: A Guide for Nonscientists*, John Houde
- *Blue: The History of a Color*, Michel Pastoureau
- *Science Firsts: From the Creation of Science to the Science of Creation*, Robert E. Adler
- *Hazardous to Our Health? FDA Regulation of Health Care Products*, Robert Higgs (Editor), Ronald W. Hansen, Paul H. Rubin
- *Protecting America's Health: The FDA, Business, and One Hundred Years of Regulation*, Philip J. Hilts
- *Florey: The Man Who Made Penicillin*, Lennard Bickel
- *Rosalind Franklin: The Dark Lady of DNA*, Brenda Maddox
- *Chemistry Connections: The Chemical Basis of Everyday Phenomena*, K. Karukstis, & G. Van Hecke
- *The Genie in the Bottle: 67 All-New Commentaries on the Fascinating Chemistry of Everyday Life*, Dr. J. Schwarcz
- *The Chemistry of Fragrances*, D. Pybus (Compiler), C. Sell (Compiler), D. H. Pybuss
- *Molecules at an Exhibition: Portraits of Intriguing Materials in Everyday Life*, John Emsley
- *Thieves, Deceivers, and Killers*, William C. Agosta
- *In Earth's Company: Business, Environment, and the Challenge of Sustainability*, Carl Frankel
- *Eco-Economy: Building an Economy for the Earth*, Lester R. Brown
- *The Future of Life*, Edward Osborne Wilson
- *When Smoke Ran Like Water: Tales of Environmental Deception and the Battle Against Pollution*, D. L. Davis
- *The World According To Pimm: A Scientist Audits the Earth*, Stuart L. Pimm
- *The Real Environmental Crisis: Why Poverty, Not Affluence, Is the Environment's Number One Enemy*, Jack M. Hollander
- *Pendulum: Leon Foucault and the Triumph of Science*
- *Global Warming: the science of climate change*, Frances Drake.
- *Stories of the Invisible: a guided tour of molecules*, Philip Ball.
- *The Future of Life*, Edward O. Wilson.
- *Understanding Evolution*, E. Peter Volpe, Peter A. Rosenbaum.
- *Enough: Staying Human in an Engineered Age*, Bill McKibben.
- *Who Owns Life?* edited by David Magnus, Arthur Caplan, Glenn McGee.
- *Mapping Human History: discovering the past through our genes*, Steve Olson.
- *Environmental Pollution and Plant Response*. edited by S. B. Agrawal, M. Agrawal.
- *The Killers Within: the deadly rise of drug-resistant bacteria*, M. Shnayerson, M. J. Plotkin.
- *Old Paint: A Medical History of Childhood Lead-paint Poisoning in the U.S.*, P. English
- *Atmospheric Pollution: Causes, Effects, and Control Policies*, Derek Elsom

- *Global Alert- The Ozone Pollution Crisis*, Jack Fishman & R. Kalish
- *Ablaze: The Stories of Heroes & Victims of Chernobyl*, Piers P. Read
- *Chernobyl: The Long Shadow*, Chris C. Park
- *The Legacy of Chernobyl*, Zhores A. Medvedev
- *Americans and their Weather*, William B. Meyer
- *Water Follies: Groundwater Pumping and the Fate of America's Fresh Waters*,
- *The Demon in the Freezer*, Richard Preston
- *The Structure of Scientific Revolutions*, Thomas S. Kuhn
- *Rosalind Franklin & DNA*, Anne Sayre
- *The Chemicals of Life*, Isaac Asimov
- *A Choice of Catastrophes*, Isaac Asimov
- *Life and Energy*, Isaac Asimov
- *A Short History of Chemistry*, Isaac Asimov
- *Introduction to Plastics*, J.H. Briston
- *The Common Sense of Science*, J. Bronowski
- *Science & Human Values*, J. Bronowski
- *Earth Resources, Energy and the Environment*, Douglas G. Brookins
- *The Search for Eve*, Michael H. Brown
- *Energy and the Environment*, Theodore L. Brown
- *Toxic Wind*, William Brown
- *The Wasted Ocean*, David K. Bulloch
- *Silent Spring*, Rachel Carson
- *The Closing Circle*, Barry Commoner
- *The Poverty of Power, Energy and the Economic Crisis*, Barry Commoner
- *The Cousteau Almanac*, Jacques-Ives Cousteau
- *Ecoscience: Population, Resources Environment*, Paul & Anne Ehrlich
- *The Population Bomb*, Paul Ehrlich
- *The Population Explosion*, Paul Ehrlich
- *Earth: The Making, Shaping & Workings of a Planet*, Derek Elsom
- *World Dynamics*, Jay Forrester
- *Earth in the Balance: Ecology & the Human Spirit*, Al Gore
- *Since Silent Spring*, Frank Graham, Jr.
- *The Hole in the Sky*, John Gribbin
- *Chemicals from Petroleum*, Lawrence Haddams
- *A Brief History of Time*, Stephen Hawking
- *Minerals and Man*, C.S. Hurburt
- *The Recurring Silent Spring*, H. Patricia Hynes
- *Until the Sun Dies*, Robert Jastrow
- *Global Alert: Ozone Pollution Crisis*, J. Fishman & R. Kalish
- *Energy for America*, Irene Kiefer
- *Global Jigsaw Puzzle*, Irene Kiefer
- *The Tangled Wing*, Melvin Konner

- *Let Them Eat Promises: The Politics of Hunger in America*, N. Kotz
- *Ice Time: Climate, Science & Life on Earth*, Th. Levenson
- *Love Canal: Science, Politics & People*, Adeline G. Levine
- *Technological Risk*, H. W. Lewis
- *The Greenhouse Trap*, Francesca Lyman
- *An Introduction to Macromolecules*, Leo Mandelkern
- *The Limits of Science*, P.P. Medawar
- *The Rights of Nature*, Roderick F. Nash
- *The Origins of Life*, Leslie Orgel
- *The Culture of Technology*, Arnold Pacey
- *Islands of Truth: A Mathematical Mystery Tour*, Ivars Peterson
- *An Imagined World: A Story of Scientific Discovery*, K. Popper
- *Conjectures & Refutations: The Growth of Scientific Knowledge*, K. Popper
- *The Brain*, Richard M. Restak
- *Ozone Crisis*, Sharon L. Roan
- *The Restless Atom*, A. Romer
- *A Skeleton in the Darkroom: Stories of Serendipity in Science*, Gilbert Shapiro
- *Art & Physics-Parallel Visions in Space Time & Light*, Leonard Shlain
- *Environmental Issues in Chemical Perspective*, T. Spiro & Wm Stigliani
- *A Scientist at the Seashore*, James Trefil
- *Science Matters: Achieving Scientific Literacy*, R.M. Hazen & J. Trefil
- *The Double Helix*, J.D. Watson
- *Discovery of the Elements*, Mary Weeks
- *Toxic Threat*, Stephen J. Zipko
- *Beyond the Crime Lab*, Jon Zonderman

If a book that interests you is not on this list, you may choose a book, written in or after 1997, concerning an environmental topic such as the ozone hole, acid rain, water or air pollution, toxic waste, indoor pollution, etc. **Your instructor must see and approve the book before you read and report on it.**