



Breakthrough Generation

Fellowship Bootcamp, Summer 2009

www.breakthroughgen.org

Modernization & Development:

The Progress Paradox

Gregg Easterbrook (Random House: 2003) :: Chapters 1 and 2

The Moral Consequences of Economic Growth

Benjamin Friedman (Random House: 2005) :: Chapters 1, 4, 8, 13

Development as Freedom

Amartya Sen (Anchor Books: 1999) :: Introduction, Chapters 1 and 2

Modernization, Cultural Change, and Democracy

Ronald Inglehart (Cambridge University Press: 2005) :: Introduction, Chapters 1 and 13

Culture and Prosperity: Why Some Nations are Rich But Most Remain Poor

John Kay (HarperCollins: 2004) :: Chapters 2, 17, 28, and 29

Common Wealth: Economics for a Crowded Planet

Jeffrey Sachs (Penguin Press: 2008) :: Chapters 9, 10, and 11

China, Inc: How the Rise of the Next Superpower Challenges America and the World

Ted Fishman (Simon & Schuster: 2005) :: Introduction, Chapters 8 and 11

Communication & Psychology

Influence: The Psychology of Persuasion

Robert Cialdini (William Morrow: 1993) :: Chapters 1, 4, and 7

Words that Work: It's Not What You say, It's What People Hear

Frank Luntz (Hyperion: 2007) :: Introduction, Chapters 1, 10, and 13

Don't Think of an Elephant: Know Your Values and Frame the Debate

George Lakoff (Chelsea Green: 2004) :: Chapter 1

"Global Warming and Renewable Energy Focus Groups Memo"

American Environics (Oct. 2007)

Politics & Philosophy

Break Through: Why We Can't Leave Saving the Planet to Environmentalists

Nordhaus and Shellenberger (Mariner Books: 2009)

Achieving Our Country

Richard Rorty (Harvard University Press: 1998) :: Part I

"Obama's Timid Liberalism"

Michael Lind (Salon: March 2009)

“Jagged Terrain: Cronon, Soulé, and the Struggle over Nature and Deconstruction in Environmental Theory”

William Chaloupka (Strategies: Journal of Theory, Culture & Politics: Vol 13, 2000)

America at the Crossroads

Francis Fukuyama (Yale University Press: 2006) :: Chapter 2

- **Guest lecturers:** William Chaloupka

Industrial & Technology Policy:

The Past & Future of America’s Economy: Long Waves of Innovation that Power Cycles of Growth

Robert Atkinson (Edward Elgar Publishing Inc: 2004) :: Chapters 2, 5, 7, 8, and 9

“The Next American System”

Michael Lind (Democracy Journal: Fall 2008)

“A Capital Budget for Public Investment”

Sherle Schwenninger (New American Foundation: 2008)

“Progress for Progressives: Technology & Effectiveness in Human Affairs”

Daniel Sarewitz (Lecture in Science & Technology, Arizona State University: Sept. 2008)

“Innovation Nation”

Robert Atkinson (Democracy Journal: Winter 2009)

“Case Studies in American Innovation: A New Look at Government Involvement in Technological Development”

Zachary Arnold et al. (Breakthrough Institute: April 2009)

- **Guest lecturers:** Fred Block, Robert Atkinson, and Michael Lind

Energy & Climate:

The Emerging Climate Consensus

Nordhaus and Shellenberger (Breakthrough Institute: Spring 2009)

“Future Global Energy Prosperity: The Terawatt Challenge”

Richard Smalley (MRS Bulletin: June 2005)

“Powering the Planet”

Nathan S. Lewis (MRS Bulletin: October 2007)

Structuring an Energy Technology Revolution

Charles Weiss and William Bonvillian (MIT Press: 2009) :: Preface, Chapters 1 and 2

“Dangerous Assumptions”

Roger Pielke Jr et al. (Nature: Vol 452, April 2008)

“Advanced Technology Pathways to Global Climate Stability”

Marty Hoffert et al. (Science: Vol 298, 2002)

“Energy Innovation from the Bottom Up”

John Alic (Clean Air Task Force & Consortium for Science, Policy, and Outcomes: March 2009)

“Can Technology Spare the Earth?”

Jesse H. Ausubel (American Scientist Magazine: March/April 1996)

Energy at the Crossroads: Global Perspectives and Uncertainties

Vaclav Smil (MIT Press: 2003) :: Chapters 3, 5, and 6

“The Geoengineering Option: A Last Resort Against Global Warming”

David Victor (Foreign Affairs: March/April 2009)

“Opposition to Transgenic Technologies: Ideology, Interests and Collective Action Frames”

Ronald Herring (Nature: Volume 9, June 2008)

- **Guest lecturers:** Nate Lewis, Marty Hoffert, Roger Pielke, and Steve Strauss

Finance & Economics:

“The Quiet Coup”

Simon Johnson (The Atlantic: April 2009)

Fixing Global Finance

Martin Wolf (Yale University Press: 2009) :: Chapters 1, 2, and 8

“Tools for a New Economy: Proposals for a financial regulatory system”

Robert Pollin (Boston Review: January/February 2009)

“The Fall of America, Inc”

Francis Fukuyama (Newsweek: October 2008)

“Our Phony Economy”

Jonathan Rowe (Congressional Testimony: March 2008)

- **Guest lecturers:** Robert Johnson

Social Policy:

Elsewhere USA

Dalton Conley (Random House: 2009) :: Introduction, Chapters 1, 3, 5, Conclusion

The Rise of the Creative Class

Richard Florida (Basic Books: 2002) :: Chapters 1, 3 and 14

“Go on a Savings Spree”

Dalton Conley (New York Times: Feb. 2008)

“The Geography of Poverty: Rethinking Social Policy”

Dalton Conley (Boston Review: March/April 2007)

- **Guest lecturers:** Dalton Conley

Futurism

“The Coming Superbrain”

John Markoff (New York Times: May 2009)

The Singularity is Near: When Humans Transcend Biology

Ray Kurzweil (Penguin Press: 2005) :: Preface, Chapters 1 and 2

Our Posthuman Future :: Consequences of the Biotechnology Revolution

Francis Fukuyama (Picador: 2002) :: Chapters 1, 10, and 12

“Why the Future Doesn’t Need Us”

Bill Joy (Wired Magazine: April 2000)