

U.S. Environmental Protection Agency
Science Advisory Board
Looking to the Future
Renaissance Mayflower, 1127 Connecticut Avenue NW
Washington DC 20036
October 27, 2008

Purpose: Is to stimulate SAB thinking about priorities for meeting critical environmental problems with an integrated approach to interdisciplinary science and research.

Preliminary Agenda

8:00 - 8:10 am	Welcome Remarks	Dr. M. Granger Morgan, SAB
	Biofuels: What are the net environmental implications?	
8:10- 8:15 am	Introduction	Dr. M. Granger Morgan, SAB
8:15- 8:45 am	Sustainable paths to a biofuel-powered transportation sector; the role of innovation and invention	Dr. Bruce Dale, Michigan State University Dr. Lee Lynd, Dartmouth College
8:45- 9:15 am	Ensuring environmental sustainability of biofuel systems	Dr. Kenneth Cassman, University of Nebraska
9:15- 9:45 am	Lifecycle environmental and health costs and benefits of fossil and renewable fuels	Dr. G. David Tilman, University of Minnesota
9:45-10:15 am	Biofuels potential: The climate protective domain	Dr. Christopher Field, Carnegie Institution
10:15-10:30 am	Break	
10:30-12:00 pm	SAB discussion with invited speakers	
12:00-1:15 pm	Lunch	
	Epigenomics research: What are the implications for environmental health sciences and human health risk assessment?	
1:15- 1:20 pm	Introduction	Dr. Deborah Cory-Slechta, SAB
1:20- 1:50 pm	Developmental Origins of Health and Disease - the Role of Epigenetic Mechanisms	Dr. Mark Hanson, University of Southampton

1:50- 2:20 pm	Epigenetics: The new genetics of disease susceptibility	Dr. Randy Jirtle, Duke University
2:20- 2:50 pm	Epigenetic transgenerational activity of endocrine disruptors on reproduction and disease; the ghosts in your genes	Dr. Michael Skinner, Washington State University
2:50 -3:15 pm	Break	
3:15- 4:45 pm	SAB discussion with invited speakers	
4:45- 5:00 pm	Concluding remarks	Dr. Deborah Swackhamer, SAB Chair
5:00 pm	Adjourn	