

GEMS

Genetics and Environmental Mutagenesis Society

Annual Spring Meeting

April 24, 2012

EPA-RTP Campus, 109 T.W. Alexander Drive, RTP, NC 27711

EMERGING ENVIRONMENTAL ISSUES

- 8:00 AM – 8:45 AM Registration and Continental Breakfast
- 8:45 AM - 9:00 AM Welcome: Nagu Keshava, Ph.D., GEMS President
Introductions: Lyle Burgoon, Ph.D., GEMS President-elect
- 9:00 AM – 9:40 AM **Shale Gas, Hydraulic Fracturing, and Environmental Health**
Robert B. Jackson, Ph.D., Duke University
- 9:40 AM -10:20 AM **Old? New? Different? Nanotechnologies: What Makes Them Toxic?**
Martin Philbert, Ph.D., University of Michigan
- 10:20 AM – 10:40 AM Coffee Break
- 10:40 AM – 11:20 AM **Biofuels Statewide: Millions of Gallons. Also Landscape-changing, No Small Task, and Civic Responsibility.**
W. Steven Burke, Biofuels Center of North Carolina
- 11:20 AM – 12:00 PM **Disinfection byproducts in drinking water: Human health risks and risk management options**
Detlef Knappe, Ph.D., North Carolina State University
- 12:00 PM – 1:15 PM Lunch Break (*Lunch Provided*)
- 1:15 PM – 2:00 PM **The Future of Environmental Data: Why You Should Care About Scientific Data Management**
David Lyons, U.S. Environmental Protection Agency
- 2:00 PM – 2:30 PM Concluding Remarks
Lyle Burgoon, Ph.D., U.S. Environmental Protection Agency