

# 2011 Superfund Research Program Annual Meeting

Hilton Downtown Lexington • Lexington, KY • October 23 - 26

## R01 Grantee Session

October 23, 2011

*Bluegrass Room*

### Sunday, October 23

- 2:30 pm**      **Light Refreshments, Presentation Set-Up**
- 2:45 pm**      **Welcoming Remarks**  
William Suk and Heather Henry, NIEHS
- 3:00 pm**      **Novel Mechanism of Uranium Reduction Via Microbial Nanowires**  
Gemma Reguera, Michigan State University
- 3:15 pm**      **Nanoscale Mechanisms of Metal(loid) Rhizostabilization in Desert Mine Tailings**  
Jon Chorover, University of Arizona
- 3:30 pm**      **Raman Sensors in Bioremediation**  
Joseph Irudayaraj, Purdue University
- 3:45 pm**      ***In Vivo* Characterization of Bacteria-Mediated Extracellular Reduction of Chromium**  
Peter Lu, Bowling Green State University
- 4:00 pm**      **Integrating Microbial Biostimulation and Electrolytic Aeration to Degrade POPs**  
Harold May, Medical University of South Carolina
- 4:15 pm**      **Encouraging Bioremediation in Sediment Caps**  
Danny Reible, University of Texas - Austin
- 4:30 pm**      **Break**
- 4:45 pm**      **Novel Approaches to Understanding and Managing Complex Mixtures**  
Rolf Halden, Arizona State University

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- 5:00 pm**      **Low-Impact Delivery of Sorbent Amendments to Reduce Contaminant Bioavailability in Sediments**  
Upal Ghosh, University of Maryland, Baltimore County
- 5:15 pm**      **Largemouth Bass as a Bioindicator Species for Understanding Contamination of the North Shore of Lake Apopka with Organochlorine Pesticides**  
Nancy Denslow, University of Florida
- 5:30 pm**      **Carbon as a Multifunctional Amendment to Treat PCBs and Mercury**  
Eunah Kim (for Richard Luthy), Stanford University
- 5:45 pm**      **Reactive Core Mats - Tools for Reducing Exposure from Contaminated Aquatic Sediments**  
Thomas Sheahan, Northeastern University
- 6:00 pm**      ***In Situ* Sediment Remediation Using Benthic Waterjet Amendment Placement**  
Joel Burken, Missouri University of Science and Technology
- 6:15 pm**      **Closing Remarks**  
William Suk and Heather Henry, NIEHS