



## Duke University Integrated Toxicology and Environmental Health Program (ITEHP)

Fall 2015 Seminar Series

Fridays, Noon to 1:30 pm Field Auditorium, Environmental Hall (unless otherwise indicated)

- Aug 28 Edward D. Levin, Ph.D., Duke University  
**Persisting Impacts of organophosphate and neonicotinoid pesticides on neurobehavioral function in zebrafish**
- Sept 4 Brandon Hall, Ph.D., Duke University  
**Beyond nicotine: Developmental exposure to tobacco smoke extract causes later life cognitive and behavioral impairments in rodents**
- Sept 11 Jessica H. Hartman, University of Arkansas for Medical Sciences  
**The prevalence and significance of cooperativity in cytochrome P450 2E1 biochemical activation of compounds**
- Sept 18 Carolyn Mattingly, Ph.D., North Carolina State University  
**Casting a wide net to uncover pathways between environmental exposures and disease**
- Sept 25 Lilah Glazer, Ph.D., Woods Hole Oceanographic Institute  
**Environmental toxicity of PCBs: Lessons from fish as environmental and human health models**
- Oct 2 Vanessa Fitsanakis, Ph.D., King University  
**C. elegans Treated with the Glyphosate-Containing Herbicide TouchDown Show Mitochondrial Inhibition and Elevated ROS**
- Oct 9 John Rawls, Ph.D. Duke University  
**Zebrafish models for studying developmental and environmental regulation of energy balance**
- Oct 16 Christopher Ward, Duke University (\*\*NOTE Room Change: LSRC A158)  
**Microbial community responses to natural and anthropogenic disturbances in aquatic systems**
- Oct 23 Anthony Oliveri, Duke University  
**Early-life exposure to organophosphate flame retardants (OPFRs) alters behavior in zebrafish: A comparison with organophosphate pesticides**
- Oct 30 Nishad Jayasundara, Ph.D., Duke University  
**Mechanisms and consequences of evolutionary adaptation to polluted environments: lessons learned from PAH-resistant Atlantic killifish *Fundulus heteroclitus***
- Nov 6 Keith Cheng, M.D., Ph.D., Penn State University  
**What is phenomics and how can it be used for society?**
- Nov 13 **Fall Symposium: Toxicity of Power**