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