Duke University Integrated Toxicology and Environmental Health Program (ITEHP)
Spring 2016 Seminar Series
Fridays, Noon to 1:30 pm Field Auditorium, Environment Hall (**unless otherwise noted)

Jan 15  Jane Hoppin, Ph.D., North Carolina State University
Pesticides and respiratory outcomes: Implications for human health

Jan 22  Timothy J Shafer, Ph.D., US-Environmental Protection Agency **LSRC A158**
Screening compounds for neurotoxicity and developmental neurotoxicity using neural networks in vitro

Jan 29  Tom Arcury, Ph.D., Wake Forest University
PACE4: A study of sub-clinical neurological outcomes of farmworker pesticide exposure

Feb 5   Trevor Archer, Ph.D., National Institute of Environmental Health Sciences
Using epigenetic enzymes to regulate transcription

Feb 12  Laurie H. Sanders, Ph.D. University of Pittsburgh
Mitochondrial DNA damage, pesticides and Parkinson’s disease

Feb 19  Thomas Brock III, Ph.D., Duke University
Assessing toxicity and consumer health-risk in the use of art and craft materials

Feb 26  Michael Freemark, M.D., Duke University
Endocrine-disrupting chemicals: how strong is the evidence for metabolic and reproductive effects in humans?

Mar 4   Barbara Block, Ph.D., Stanford University
Impacts of the Deepwater Horizon oil spill on Atlantic Bluefin Tuna in the Gulf of Mexico: From cardiac function of ecosystem observations

Mar 11  Claudia Gonzalez, Duke University ITEHP, Ph.D. Candidate
Mitochondrial dysfunction and dopaminergic neurodegeneration in C. elegans

Mar 18  Spring Break – No Seminar

Mar 25  Tamara Tal, Ph.D., US-Environmental Protection Agency
Microbiota colonization status modifies chemical toxicity in embryonic zebrafish

Apr 1   Christopher Leonetti, Duke University ITEHP, Ph.D. Candidate
The effects of BFRs on thyroid hormone homeostasis in human placenta tissue and cell culture

Apr 8   Daniel Pomp, Ph.D., University of North Carolina
Host-diet interactions on the gut microbiome in next-generation mouse models through the lens of quantitative genetics

Apr 15  Charlotte Clark, Ph.D. & Elizabeth Shapiro-Garza, PhD., Duke University
Communication out of the box: Research translation and community engagement

April 22 Tomoko Obara, Ph.D., University of Oklahoma Health Sciences Center
Using Medaka to study organ development, chronic diseases, and regeneration