



**Duke University Integrated Toxicology and Environmental Health Program**

Spring 2015 Seminar Series, Fridays

Noon to 1:20 pm Field Auditorium, Environmental Hall

- Jan 9** Michael Aschner, Ph.D., Albert Einstein College of Medicine  
***Manganese Neurotoxicity: Lessons from Worms to Human Neonates***
- Jan 16** Mamta Behl, Ph.D., NIEHS, NTP  
***Screening Compounds with Developmental and Neurotoxic Potential: Flame Retardants, a Case Example***
- Jan 23** Mamle Quarmyne, Duke University, ITEHP Doctoral Candidate  
***Protein Tyrosine Phosphatase Receptor Type S (PTPRS) Regulates Hematopoietic Stem Cell Self-Renewal***
- Jan 30** Jordan Bailey, Ph.D., Postdoctoral Associate, Duke University  
***The Development and Use of a Neurobehavioral Test Battery for the Characterization of Environmental Toxicants: An Evaluation of Firemaster 550***
- Feb 6** William Pan, Ph.D., Duke University  
***Human Fertility and Land Use Change in the Amazon, What's the Connection?***
- Feb 13** Jerry Yakel, Ph.D., NIEHS  
***Role of Nicotinic ACh Receptors in Hippocampal Excitability and Plasticity***
- Feb 20** Andrey Massarsky, Ph.D., Postdoctoral Associate, Duke University  
***Impacts of Total Particulate Matter from Cigarette Smoke on Early Development of Zebrafish (*Danio rerio*)***
- Feb 27** Thomas B. Knudsen, Ph.D., EPA  
***Computational Embryology and Predictive Toxicology***
- Mar 6** David Janz, Ph.D., University of Saskatchewan  
***Selenium: When a Good Nutrient Goes Bad***
- Mar 13** *No seminar, Spring Break*
- Mar 20** Mingliang (Thomas) Fang, Duke University, ITEHP Doctoral Candidate  
***Characterizing the Binding Potential, Activity, and Bioaccessibility of Peroxisome Proliferator Activated Receptor (PPAR $\gamma$ ) Ligands in Indoor Dust***
- Mar 27** Priyaanka Nanduri, Duke University, ITEHP Doctoral Candidate  
***Passing the Baton: The switch from proteasomes to autophagy in aggresome processing***
- Apr 3** ***Spring Symposium - The Cancer Exposome: Confluence of Toxic Exposures & Disease Outcome Pathways***
- Apr 10** Laura Macaulay, Duke University, ITEHP Doctoral Candidate  
***Endocrine and Neurobehavioral Effects from Flame Retardant Exposure in Early and Juvenile Life Stages of Zebrafish***
- Apr 17** John Rooney, Duke University, ITEHP Doctoral Candidate  
***Later Life Consequences of Developmental Mitochondrial DNA Damage***
- Apr 24** Edward Zhu, Duke University, ITEHP Doctoral Candidate  
***Circuit and behavior basis of egg-laying site selection in *Drosophila****