



Integrated Toxicology and Environmental Health Program (ITEHP)

Spring 2014 Seminar Series

Fridays, Noon to 1:30 pm in LSRC A247

- Jan 10** Junfeng Zhang, Ph.D., Nicholas School of the Environment, Duke University
Exploring How Respirable Particles Affect Health: From Real-world Observations to Laboratory Experiments
- Jan 17** Meng He, ITEHP PhD Candidate, Pharmacology and Cancer Biology, Duke University
Epithelial lateral membrane maintenance: The Palmitoyltransferases-Ankyrin-Spectrin pathway
- Jan 24** Mariah Arnold, ITEHP PhD Candidate, Nicholas School of the Environment, Duke University
Impacts of mountaintop removal coal mining on the Mud River, West Virginia: Selenium accumulation, trophic transfer, and toxicity in biofilms and fish
- Jan 31** Xinyu (Candy) Yang, ITEHP PhD Candidate, Nicholas School of the Environment, Duke University
*Mechanisms of silver nanoparticle toxicity in laboratory suspension and complex environmental media in *Caenorhabditis elegans**
- Feb 7** Gregory Goss, Ph.D., University of Alberta
Nanotoxicology: Much Ado About (Almost) Nothing
- Feb 14** Daniel Baden, Ph.D., UNC-Wilmington Marine Center
From Beach to Bedside: Getting our Feet Wet in Translational Marine Science
- Feb 21** Laura Dishaw, ITEHP PhD Candidate, Nicholas School of the Environment, Duke University
Uptake, Metabolism and Neurodevelopmental Effects of Halogenated Organophosphate Flame Retardants
- Feb 28** Wei Chou Tseng, ITEHP PhD Candidate, Pharmacology and Cancer Biology, Duke University
Somato-dendritic axon initial segment outposts dependent on 480 kDa ankyrin-G organize GABAergic synapses in hippocampal neurons
- Mar 7** **Spring Symposium: Cognitive Impairment Caused by Developmental Neurotoxic Exposure: Mechanisms, Consequences and Therapeutic Treatment** (Searle Center Lecture Hall, 8 am – 3 pm)
- Mar 21** Simon Roberts, ITEHP PhD Candidate, Nicholas School of the Environment, Duke University
PBDE metabolism and effects on thyroid hormone regulation in cultured human astrocytes
- Mar 28** Chuan-Yuan Li, Ph.D., Department of Dermatology, Duke University
Unexpected Roles of Caspases in Stem Cell Regulation, Carcinogenesis, and Cancer Treatment
- Apr 4** Audrey Bone, ITEHP PhD Candidate, Nicholas School of the Environment, Duke University
The effect of TiO₂ nanoparticles on PAH toxicity to fish under environmentally relevant conditions
- Apr 11** Ram Ramabhadran, Ph.D. US-Environmental Protection Agency (retired)
Tox 21 in the Rearview Mirror: Climbing Everest with Sandals
- Apr 18** Katoria Tatum-Gibbs, Ph.D., US-Environmental Protection Agency
*Using the *Drosophila melanogaster* Genetics Reference Panel (DGRP) to Identify Toxicity Pathways for Airborne Chemicals*
- Apr 25** Pauline Mendola, Ph.D., NIH-National Institute of Child Health and Human Development
Complications of Pregnancy Associated With Asthma and the Impact of Poor Air Quality

For more information about ITEHP seminars contact Edward Levin edlevin@duke.edu
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