



The 5th Annual Prairie Northern Chapter Meeting of SETAC

Pesticides on the Prairies

All presentations will take place in the St. Thomas More College, Auditorium Room 140

Registration 7:30 am – 12:00 pm (Outside Auditorium Room 140, St. Thomas More College)

7:45 - 8:15	Annual General Board Meeting (St. Thomas Moore, Atrium)
8:15	Opening Remarks: Dr. David Janz, University of Saskatchewan; greeting from PNC SETAC Board of Directors
8:30	Plenary Speaker: Connie Moase , PhD, Director, Health Effects Division II, Health Evaluation Directorate, Health Canada Pest Management Regulatory Agency "International Cooperation and its Impact on Pesticide Regulation in Canada"
9:00	J. Challis : Photodegradation of Pharmaceuticals in Aquatic Environments: Defining our Current Understanding and Identifying Knowledge Gaps
9:15	J. Shira : Reducing Contaminants and Toxicity in Rural Wastewater Effluent Using New Subsurface Treatment Technology
9:30	L. Cuscito : The Reliability of Sucralose as a Wastewater Contamination Tracer
9:45	T. Tse : Reconstructing Spatial and Temporal Changes in Phytoplankton Abundance in a Narrow River-valley Reservoir
10:00 - 10:30	Coffee Break (Atrium)
10:30	D. Saunders : Three Novel Brominated Flame Retardants Affect Fecundity and Transcript Profiles of the HPGL-axis in Japanese Medaka
10:45	J. Doering : Predicting the Sensitivity of Endangered Sturgeons to Dioxin-like Compounds: Molecular Investigation into the Aryl Hydrocarbon Receptor Pathway
11:00	D. Boyle : A Comparative Study of the Toxicities of Ionic and Nanoparticulate Silver in Zebrafish (<i>Danio Rerio</i>)
11:15	V. Ortega : Metal-oxide Nanoparticles Alter Receptor-mediated Signal Transduction and the Functional Capacity of Innate Immune Cells
11:30	W. Dew : Effect of a Metal Mixture on the Olfactory System of Rainbow Trout (<i>Oncorhynchus mykiss</i>)
11:45	K. Painter : In-channel beaver impoundments increase availability of methylmercury to stream food webs
12:00 - 1:15	Lunch (Choices Cafeteria)
1:15	Plenary Speaker: Paul Hoekstra , PhD, Regulatory and Science Stewardship Manager, Syngenta Canada "Protection and Production: Meeting Both Goals through Sustainable Agriculture"
1:45	M. Hanson : What does your evidence weigh?
2:00	A. Main : Factors Influencing Fate and Persistence of Neonicotinoid Insecticides in Prairie Wetlands
2:15	M. Cavallaro : Effects of Neonicotinoid Insecticides on Aquatic Insect Emergence in Prairie Wetlands
2:30	C. Michelson : Effects of Agricultural Intensification and Neonicotinoid Insecticides on Tree swallow (<i>Tachycineta bicolor</i>) Diet and Reproduction
2:45 - 3:15	Coffee Break (Atrium)
3:15	L. Flahr : Developmental Exposure to Aroclor 1254 Alters Migratory Behaviour in Juvenile European Starlings (<i>Sturnus Vulgaris</i>)
3:30	M. Banerjee : Role of Human Multidrug Resistance Protein 4 (MRP4) in Arsenic Transport
3:45	R. Krohn : Selenium vs. Arsenic: A Whole Food Approach to Combat Arsenic-related Cardiovascular Disease
4:00	Plenary Speaker: Christy Morrissey , PhD, Assistant Professor, Department of Biology and School of Environment and Sustainability, University of Saskatchewan "A Scientist's View of Emerging Global Environmental Issues of Neonicotinoid Insecticide Use"
4:30 – 6:00	Poster Social (Room 1001 and Atrium)
6:00	Dinner (University Club) – Nametag from the meeting required.

