

M-LEEd Center Winter Seminar Series



Stephania Cormier, PhD

Wiener Chair and Professor of Biological Sciences, Louisiana State University; Director, LSU Superfund Research Program; Professor of Comparative Biomedical Sciences, LSU School of Veterinary Medicine; Honorary Professor Child Health Research Centre, University of Queensland, Australia



Seminar

"In Utero Exposures to E-cigarettes: implications for childhood obesity"

12:05 – 1:00 pm
Thursday, January 30th, 2020

A1655 SPH1

The main goal of Dr. Stephanie Cormier's laboratory is to determine if exposure during early life to environmental factors (i.e. allergens, pollutants, and respiratory viruses) leads to predisposition, development of, or exacerbation of respiratory disease in the adult. In the short term, they seek: (1) to define the cellular and molecular changes in the pulmonary microenvironment following gestational and/or neonatal exposure; (2) to determine if urban pollutants (e.g. particulates such as diesel exhaust particles), initiate cellular/molecular events in the developing lung which lead to increased susceptibility to airways disease later in life; (3) to define the impact of respiratory viral infection on pulmonary pathophysiology of the infant; and (4) to understand how urban pollutants impact host defense resulting in enhanced morbidity and increased mortality from respiratory infections.