

Human Health and the Environment

Research Symposium

Thursday, June 29th, 2023

Time	Topic	Presenter	Location
8:30 - 8:50 am	Introduction and Welcome:	<p>B. Paige Lawrence, PhD (Professor and Chair, Department of Environmental Medicine; Director, Environmental Health Sciences Center and Institute for Human Health and the Environment)</p> <p>Mark Taubman, MD (Dean, School of Medicine and Dentistry and CEO, URMC)</p>	School of Nursing Auditorium
Morning Session:			
9:00-9:50 am	Keynote Presentation: <i>"Defining Strategic Directions for EHS in the Context of Climate Change"</i>	<p>Rick Woychik, PhD (Director, National Institute of Environmental Health Sciences and National Toxicology Program, NIH)</p>	School of Nursing Auditorium
9:50-10:05 am	<i>"Secondhand Marijuana Smoke Exposure in Young Children in New York City"</i>	<p>Karen Wilson, MD, MPH (Department of Pediatrics, URMC)</p>	School of Nursing Auditorium
10:05-10:20 am	<i>"The Overall and Distributional Impacts of Hazardous Waste Cleanups on Infant Health"</i>	<p>Elaine Hill, PhD (Department of Public Health Sciences, URMC)</p>	School of Nursing Auditorium
10:20-10:35 am	Coffee Break		School of Nursing Vestibule
10:35-11:05 am	Invited presentation: <i>"Future Impacts of Climate Change on Human Health via Air Quality"</i>	<p>Lee Murray, PhD (Department of Earth and Environmental Sciences, UR)</p>	School of Nursing Auditorium
11:05-11:20 am	<i>"Characterization of Exposures to Airborne Human-Respirable Microplastic Particles"</i>	<p>Alison Elder, PhD (Department of Environmental Medicine, URMC)</p>	School of Nursing Auditorium
11:20-11:35 am	<i>"Micro MOOP: A Study of the Anthropocene in the Black Rock Desert"</i>	<p>Samantha Romanick, PhD (Department of Biomedical Engineering, UR)</p>	School of Nursing Auditorium
11:35-1:30 pm	Lunch and Poster Session		Saunders Research Building Atrium
Afternoon Session:			
1:30-2:20 pm	Keynote presentation: <i>"Developmental Exposure to PCBs Causes Autism-Relevant Phenotypes in Juvenile Mice Expressing Human Mutations that Modulate Neuronal Calcium Signaling"</i>	<p>Pam Lein, PhD (Chair and Professor, Department of Molecular Biosciences at University of California Davis)</p>	School of Nursing Auditorium
2:20-2:35 pm	<i>"Novel Nrf2-regulated Genes Regulate Metal Toxicity in Human Neural Progenitor Cells"</i>	<p>Hae-Ryung Park, PhD (Department of Environmental Medicine, URMC)</p>	School of Nursing Auditorium
2:35-2:50 pm	<i>"Per- and Polyfluoroalkyl Substances Promote Hypertension Through Oxidative Stress and Epithelial Sodium Channel-Mediated Sodium Reabsorption"</i>	<p>Jason Wu, PhD (Department of Medicine—Nephrology, URMC)</p>	School of Nursing Auditorium
2:50-3:05 pm	Coffee break		School of Nursing Vestibule
3:05-3:35 pm	Invited presentation: <i>"Ambient Ultrafine Particle Air Pollution and Neuro-developmental Disorders"</i>	<p>Deborah Cory-Slechta, PhD (Department of Environmental Medicine, URMC)</p>	School of Nursing Auditorium
3:35-3:50 pm	<i>"Ferroptosis Induced Mitochondrial Dysfunction in Alzheimer's Disease-Like Phenotypes in C.elegans"</i>	<p>John Onukwufor, PhD (Department of Pharmacology & Physiology, URMC)</p>	School of Nursing Auditorium
3:50-4:35 pm	Discussion Session	<p>Moderator: Matthew Rand, PhD (Department of Environmental Medicine, URMC)</p>	School of Nursing Auditorium
4:35-4:50 pm	Conclusion	<p>B. Paige Lawrence, PhD (Professor and Chair, Department of Environmental Medicine; Director, Environmental Health Sciences Center and Institute for Human Health and the Environment)</p>	School of Nursing Auditorium
4:50-5:50 pm	Reception		Evarts Lounge (Helen Wood Hall, Room 1.W133)



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