

Pre-Conference Trainee Satellite Meeting

La Fonda Hotel, Santa Fe, New Mexico, August 28th, 2022

Open to all registered trainees (postdoctoral fellows, graduate students, undergraduate students)
Please contact the IPTC organizing committee at 2022IPTC@salud.unm.edu by August 15th to confirm attendance (and lunch).

CONFERENCE DAY 0 (AUG 28, 2022)

8:30	Convene, Registration	
8:45	Welcome, Opening Remarks	Alexandra Noël, PhD, LSU
9:00	The road traveled to predicting potential human health effects of carbon nanotubes & nanofibers	Aaron Erdely, PhD, NIOSH
9:30	Training/Workshop: Computational modeling for inhaled aerosols	Annie Jarabek, US EPA
10:45	Coffee Break	
11:00	Inhaled Aerosol Practicum: Application of the EPA MPPD Model for Interspecies Extrapolation and Risk Assessment: <i>A Tale of Two Use Cases</i>	Trainees' activity
12:45	Lunch	
1:45	Career Oriented Talk (20 min) + Q & A with trainees (10 min) Academia	Phoebe Stapleton, PhD, Rutgers University
2:15	Career Oriented Talk (20 min) + Q & A with trainees (10 min) Government	Aaron Erdely, PhD, NIOSH
2:45	Coffee Break	
Trainees' platform presentations		
3:00	Role of Lipid Metabolism in Particulate Matter - Induced Lung Inflammation and Injury (10 min)	Hannah Lovins, OSU
3:15	Particulate Air Pollution and Viral Activation by Airway Proteases: Assessed by a Novel Assay in Human Nasal Epithelial Cells (10 min)	Stephanie Brocke, UNC
3:30	Dietary Supplementation with Omega - Fatty Acid Prevents Silica - Triggered Autoimmune Disease in Adult Lupus - Prone Mice (10 min)	Lauren Heine, MSU
3:45	Physicochemical Drivers of Primary Toxicologic Outcomes induced by Carbon Nanotubes and Nanofibers from U.S. Facilities (10 min)	Kelly Fraser, NIOSH
4:00	Coffee Break	
4:15	Magnetic Resonance Imaging Contrast Agents Induce Acute Tubular Damage and Gadolinium-rich Nanoparticle Formation in Renal Cortex (10 min)	Joshua DeAguero, UNM
4:30	Acrolein, a major constituent of combustion emissions, induces sexually dimorphic neuroendocrine and metabolic dysfunction (10 min)	Devin Alewel, US EPA
5:00	Awards announcement	Matthew Campen, PhD, UNM & Alexandra Noël, PhD, LSU
5:10	Concluding remarks, Adjournment	Alexandra Noël, PhD, LSU