



NC Society of Toxicology

NC SOT Annual (Virtual) Meeting September 17, 21, and 23

Day 1 (Thursday, September 17th) – [registration for Day 1](#)

12:00 (noon) – 1:00 pm

Career Panel for Undergraduates



John Schelp
Moderator



Heather Patisaul
Associate Dean for
Research, NCSU



Tony Ndifor
Director, Preclinical
Development and
Safety, J&J



Saniya Rattan
Postdoctoral
fellow, NIEHS



Brandy Riffle
Regulatory
Toxicologist, BASF

1:00 pm – 1:30 pm

Introduction and Business Meeting

1:30 pm – 2:30 pm

Graduate Student Presentations

Thomas Jackson (NCSU) “Gestational Cd Exposure in the CD-1 Mouse Induces Metabolic Syndrome in Adult Female Offspring”

Ho Young Lee (NCSU) “Pulmonary Exposure of Mice to Perfluoro-2-propoxy Propanoic Acid (Genx) Transforms Alveolar Macrophages from a Pro-inflammatory Phenotype to a Proliferative Phenotype”

Rubia Martin (NCSU) “Exposure to a mixture of BMAA and MCLR synergistically modulates behavior in larval zebrafish while exacerbating molecular changes related to neurodegeneration”

2:30 pm – 3:15 pm

Keynote Speaker

Rusty Thomas (EPA) *“Growing Up and Leaving Home: Emerging from the Teenage Years in 21st Century Computational Toxicology”*

3:15 pm – 3:30 pm

Awards for Graduate Student Competition

3:30 pm – 4:40 pm

Poster Pitch – Posters in 3 minutes

4:40 pm

Adjourn



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Day 2 (Monday, September 21st) – [registration for Day 2](#)

12:00 (noon) – 1:00 pm Career Panel for Graduate Students and Postdocs



John Schelp
Moderator



Cavin Ward-Caviness
Computational
Biologist, EPA



Sabitha Papineni
Global Regulatory
Toxicologist, Corteva
Agriscience



Julia Rager
Assistant
Professor, UNC



Brante Sampey
Associate Director,
Toxicology,
Intrinsic Corp.

1:00 pm – 1:15 pm Introduction

1:15 pm – 2:15 pm Postdoc Presentations for PARC

Paige Bommarito (NIEHS) “Prenatal consumer product chemical mixtures and size-for-gestational age at birth”

Marci Smeltz (EPA) “Assessing Generated In Vitro Toxicokinetic Data of Per- and Polyfluoroalkyl Substances (PFAS) with In Vitro-In Vivo Extrapolation (IVIVE)”

Xian Wu (NIEHS) “Engineering Human Neural Organoids to Explore Impaired Neurogenesis Induced by Arsenic”

2:15 pm – 3:00 pm Keynote Speaker

L. Earl Gray (EPA) *“Quantification of the Uncertainties in Extrapolating from In Vitro Antiandrogen and Short-Term In Vivo Assays to Adverse Reproductive Development in Male Rats”*

3:00 pm – 3:15 pm PARC Awards

3:15 pm – 4:25 pm Poster Pitch – Posters in 3 minutes

4:25 pm Adjourn



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Day 3 (Wednesday, September 23rd) – [registration for Day 3](#)

- 1:00 pm – 1:15 pm Introduction
- 1:15 pm – 2:15 pm Poster Pitch – Posters in 3 minutes
- 2:15 pm – 3:00 pm Keynote Speaker

Carla Ng (University of Pittsburgh) *“PFAS at biological interfaces: What do we know about drivers of bioavailability and tissue distribution?”*

- 3:00 pm – 3:15 pm Awards for Poster Pitch Competition
- 3:15 pm – 3:30 pm Thank You’s and Meeting End
- 3:45 pm – 5:00 pm Student and Postdoc Mixer (Zoom link below)

Students and post-docs, join us for an evening of networking and entertainment with other local toxicology trainees.



Not a member? Come to find out more about the NC Society of Toxicology and how to join!

Zoom Link
<https://duke.zoom.us/j/97056090993>