

# Toxicology Program

## Fall 2021 Seminar Series

**Tuesdays @ 4:00PM**

All Seminars will be held via Zoom webinar: We are trying to host as many of them in person as we can in the Toxicology Auditorium (2104). Please check the TOX Seminar Series Calendar and weekly flyer to confirm it will be held in person

<https://ncsu.zoom.us/j/91502156770>

### August



**August 17, 2021**  
**Dr. Jun Ninomiya-Tsuji**  
North Carolina State University  
*Host Defense, Cell Death and Toxicology*



**August 24, 2021\*\***  
**Dr. Anna Mae Diehl**  
Duke University School of Medicine  
*Fixing Fatty Livers*



**August 31, 2021**  
**Dr. Mohanish Deshmukh**  
University of North Carolina School of Medicine  
*Distinct Thresholds of Apoptosis: From Stem Cells to Neurons*

### September



**September 7, 2021**  
**Dr. Emmanuel Obeng-Gyasi**  
North Carolina Agricultural and Technical State University  
*Lead Distribution in Urban Soil in a Medium-Sized City: Household-Scale Analysis*



**September 14, 2021\***  
**Dr. Maria Rodgers**  
University of Connecticut  
*Immunotoxicology: Understanding Oil Spill Impacts and Looking into the Future*



**September 21, 2021**  
**Dr. Erin Yost**  
*NC State Alumni speaker*  
U.S Environmental Protection Agency  
*Risk Assessment and Systematic Review in EPA's Integrated Risk Information System (IRIS) Assessments*



**September 28, 2021\*\*\***  
**Dr. Elsie Sunderland**  
Harvard University  
*What Are the PFAS Exposure Sources We Are Currently Overlooking?*

### October

**October 5, 2021**  
Holiday- No Seminar

**October 12, 2021\***  
**Dr. Carla Ng**  
University of Pittsburgh  
*PFAS Toxicokinetics: Navigating the Ins and Outs of Cells and Organisms*



**October 19, 2021**  
**Dr. Tamarra James-Todd**  
Harvard University  
*Endocrine Disrupting Chemicals and Women's Reproductive Health: Applying An Environmental Justice Framework to Epidemiologic Studies*



**October 26, 2021\***  
**Dr. Jessica Plavicki**  
Brown University  
*Interrogating Microglia as Critical Mediators of PFOS-induced Neurotoxicity*



### November

**November 2, 2021**  
**Sarah Orr**  
NC State PhD Student  
*Physiological Plasticity and Acclimatory Responses to Salinity Stress Are Ion-specific in the Mayfly, Neocloeon Triangulifer*



**Sierra Moorefield**  
NC State PhD Student  
*A Novel Role for Zac1 in Cadmium-Induced Non-Alcoholic Fatty Liver Disease*



**November 9, 2021\***  
**Dr. Yvonne Fondufe-Mitlendorf**  
University of Kentucky  
*Epigenetic Reprogramming in Response to an Environmental Toxicant*



**November 16, 2021**  
**Dr. Suzanne Martos**  
National Institute of Environmental Health Sciences/ National Institutes of Health  
*Single-Cell Approaches Reveal altered CD8+ T Cells in Smokers Indicating Immune Dysfunction and Premature Aging*



**November 23, 2021**  
**Dr. Rukiyah Van Dross-Anderson**  
East Carolina University  
*Exploring the Impact of Cannabinoid Metabolites on Skin Cancer*



This seminar series is sponsored by the Toxicology Training Grant

\*Co-Sponsored by the Center for Human Health and the Environment

\*\* Co-Sponsored by the Toxicology Graduate Student Association

\*\*\* Co- Sponsored by Superfund Program: Center for Environmental and Health Effects of PFAS

Tox Seminar Series Calendar can be found at:  
<https://calendar.google.com/calendar/u/0?cid=Y19kYnZnZG02ODJoMihzdTc1ZWNoZzdhazliGE8cm91cC5YWxibmRhc5nb29nbGUuY29t>

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