

# PFAS: Integrating Science and Solutions in North Carolina

October 23-24, 2019 | NC Biotech Center, RTP, NC



## Summit Goals

To highlight recent research from the NC PFAS Testing Network and facilitate conversation about strategies to limit human and environmental exposure to PFAS.

## October 23

8:00 **Registration**

8:30 **Welcome and Summit Overview**

David Brown, Administrator, Research Triangle Environmental Health Collaborative

Wanda Bodnar, Scientific Program Analyst, NC PFAS Testing Network, Assistant Professor, Environmental Sciences and Engineering, UNC Chapel Hill

8:45 **CDC/ATSDR's Involvement in PFAS and Health**

Patrick Breyse, Director, National Center for Environmental Health, Agency for Toxic Substances and Disease Registry, Centers for Disease Control and Prevention

9:15 **NC PFAS Testing Network: Initial Findings Related to Water and Air Quality**

*Overview of the Study and Moderator:* Jason Surratt, Program Director, NC PFAS Testing Network, Professor, Environmental Sciences and Engineering, UNC Chapel Hill

*Water Sampling and Analysis:* Lee Ferguson, Associate Professor, Civil and Environmental Engineering, Duke University

*Air Emissions and Atmospheric Deposition:* Barbara Turpin, Professor and Chair, Environmental Sciences and Engineering, UNC Chapel Hill

10:15 **Break**

10:30 **Perspectives from the Field: How Agencies and Communities are Responding to PFAS Contamination in NC**

*Moderator: Katy May, Co-Director, Community Engagement Core, NC State Center for Human Health and Environment*

Schumata Brown, Town Manager, Town of Maysville, NC

Linda Culpepper, Director, Division of Water Resources, NC Department of Environmental Quality

Emily Donovan, Co-founder, Clean Cape Fear

Zack Moore, Section Chief, Epidemiology, Division of Public Health, NC Department of Health and Human Services

Emily Sutton, Haw Riverkeeper, Haw River Assembly

11:30 **Perspectives from Jones Street: Legislative Action to Address PFAS Contamination in NC**

*Moderator: Jeff Warren, Research Director, NC Policy Collaboratory*

*\*\*All legislators present will be invited to speak during the scheduled panel*

Senator Rick Gunn, District 24

Representative Pricey Harrison, District 61

Representative John Szoka, District 45

Senator Mike Woodard, District 22

12:25 **Charge to the Working Groups**

Kathleen Gray, Director, Community Engagement Core, UNC Center for Environmental Health and Susceptibility

12:30 **Lunch**

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## 1:15 **Engaging in Dialogue to Identify Solutions: Working Group Discussions of Key Questions Associated with PFAS Exposure**

*Session 1: Initial scoping and identification of information gaps / research needs*

### **Group A: What are the missing links in our understanding of fate and transport of PFAS?**

Scott Belcher, Research Professor, Toxicology, NC State

Dave Genereux, Professor, Marine, Earth and Atmospheric Sciences, NC State

Jennifer Redmon, Senior Environmental Health Scientist and Chemical Risk Assessment Specialist, RTI International

*Facilitators: Bryan Luukinen, Duke Superfund Research Center, and Sarah Yelton, UNC Institute for the Environment*

### **Group B: Which alternative treatment and disposal options offer most promise?**

Michael Borchers, Assistant Director, Water Resources Department, City of Greensboro

Orlando Coronell, Associate Professor, Environmental Sciences and Engineering, UNC Chapel Hill

Mei Sun, Assistant Professor, Civil and Environmental Engineering, UNC Charlotte

*Facilitators: Neasha Graves, UNC Center for Environmental Health and Susceptibility, and Andrew George, UNC Institute for the Environment*

### **Group C: How can emerging knowledge about PFAS be factored into risk assessment?**

Jamie DeWitt, Associate Professor, Pharmacology and Toxicology, East Carolina University

Sue Fenton, Group Leader, Reproductive Endocrinology Group, National Institute of Environmental Health Sciences

Rebecca Fry, Carol Remmer Angle Distinguished Professor and Associate Chair, Environmental Sciences and Engineering, UNC Chapel Hill

*Facilitators: Kathleen Gray, UNC Center for Environmental Health and Susceptibility, and Ariana Eily, Duke Science and Society Initiative*

## 4:15 **Working Group Reports**

## 5:00 **Adjourn**

### **October 24**

## 8:30 **Controlling PFAS at the Source: Legal Obligations and Liability**

Geoff Gisler, Senior Attorney and Leader, Clean Water Program, Southern Environmental Law Center

## 8:50 **Potential Solutions for PFAS: NIEHS Superfund Research Program Remediation Research**

Heather Henry, Health Scientist Administrator, Superfund Research Program, National Institute of Environmental Health Sciences

## 9:10 **Industry Perspective on Understanding and Abating Organic Fluorinated Compounds**

Sean Uhl, Manufacturing Technology Director, Chemours Fluoroproducts

Amber Wellman, Sustainability Program Manager, Chemours Fluoroproducts

## 9:30 **Charge to the Working Groups**

Kathleen Gray, Director, Community Engagement Core, UNC Center for Environmental Health and Susceptibility

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9:35 **Break**

9:45 **Engaging in Dialogue to Identify Solutions continued**

*Session 2: Potential solutions that address information gaps/research needs*

*A: Understanding fate and transport of PFAS in the environment*

*B: Alternative treatment and disposal options*

*C: Factoring emerging knowledge about PFAS into risk assessment*

11:45 **Working Group Reports**

12:25 **Closing Remarks and Adjourn**

David Brown, Administrator, Research Triangle Environmental Health Collaborative