Afternoon Session: PFAS in North Carolina

FALL 2018 SYMPOSIUM

SEPTEMBER 28, 2018

Jason D. Surratt, PhD

Program Director, PFAS Testing Network

Professor, Department of Environmental Sciences and Engineering, UNC Gillings School of Global Public Health

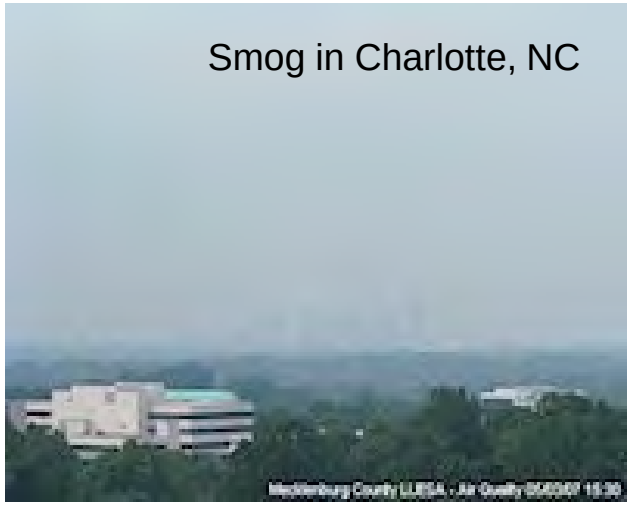
PhD, Chemistry, Caltech 2010

- *Dissertation: Analysis of the Chemical Composition of Atmospheric Organic Aerosols by Mass Spectrometry*

BA, Chemistry & BS, Meteorology, North Carolina State University 2003

North Carolina native, grew up in Charlotte, NC

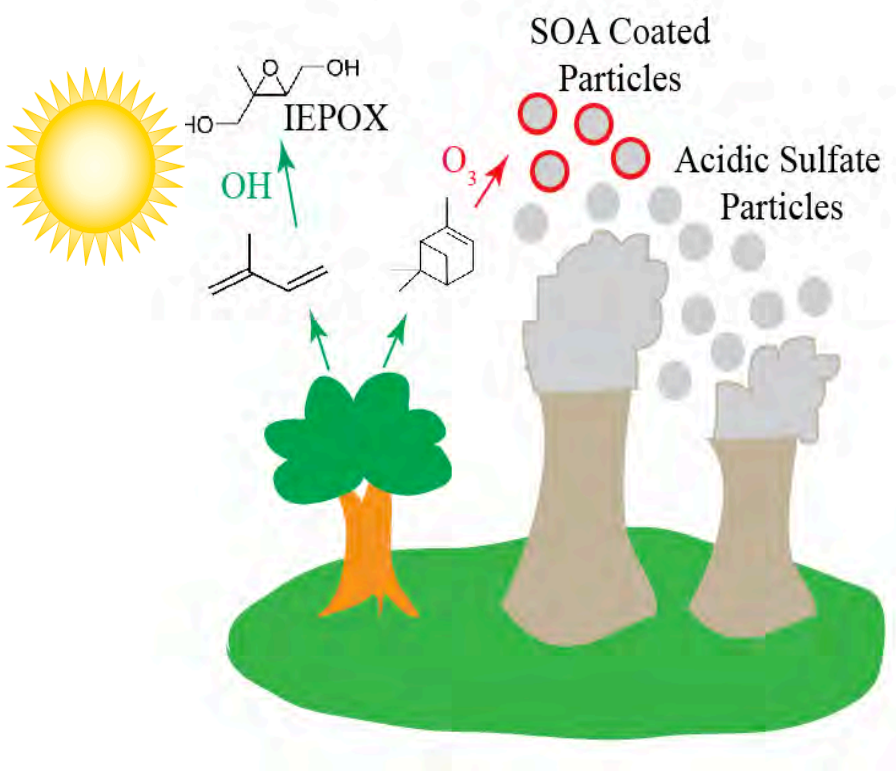
Research foci: **resolving underlying atmospheric chemistry** (or sources) **that produces *harmful*** fine particulate matter (or aerosol particles) contained within **outdoor air pollution** (**“smog”**)



Surratt Lab's Current Research

We **use targeted and non-targeted mass spectrometry analyses** to study **organic contaminants in air**

We focus on **how these organics result from the interaction of natural emissions** (trees) and **human emissions** (from coal and other combustion sources)



This atmospheric chemistry plays key role in po**or air quality**, **changes to climate**, and **potential health effects** in southeastern USA

Afternoon Agenda

1:10	**PFAS in North Carolina** Detlef Knappe, PhD Professor of Civil, Construction and Environmental Engineering, NC State University
1:45	**Study Context and Policy Landscape** Jeff Warren, PhD Research Director, NC Policy Collaboratory Panel participants include Reps. Harrison (D-Guilford) & Szoka (R-Cumberland), Sens. McKissick (D-Durham) & Lee (R-New Hanover)
2:30	Break
2:45	**Introduction to the PFAS Testing Network Study** 5 lightning talks with Q&A following talks
4:45	**Closing Comments** Lee Ferguson, PhD & Jason Surratt, PhD

Thank You to the Symposium Sponsors

Food and beverage were paid for with non-state funds

PFAS in North Carolina

DETLEF KNAPPE, PhD

Study Context and Policy Landscape

JEFF WARREN, PhD