

Per- and Polyfluoroalkyl Substances Testing (PFAST) Network

House Committee on Environment



Policy
Collaboratory



April 9, 2019

Jeffrey Warren, PhD

Research Director

Legislative Update

PFAST Network Team



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

NC STATE
UNIVERSITY



**NORTH CAROLINA
AGRICULTURAL AND TECHNICAL
STATE UNIVERSITY**



ECU



Duke
UNIVERSITY

PFAST Network

Funding Distribution

TEAM	UNCCH	UNCW	NCSU	NCA&T	UNCC	ECU	DUKE
Project Mgmt	\$715,923	\$0	\$0	\$0	\$0	\$0	\$0
Team 1 H2O sampling	\$0	\$0	\$502,075	\$0	\$171,478	\$0	\$582,906
Team 2 well risk models	\$137,100	\$0	\$240,927	\$0	\$0	\$0	\$0
Team 3 PFAS removal tests	\$256,882	\$0	\$126,907	\$0	\$166,928	\$0	\$99,689
Team 4 air deposition	\$235,246	\$299,942	\$0	\$0	\$3,000	\$3,000	\$0
Team 5 Applied R&D	\$199,207	\$0	\$510,857	\$20,521	\$0	\$168,068	\$0
Team 6 communications	\$61,054	\$0	\$57,054	\$0	\$0	\$0	\$57,054
Team 7 data mgmt	\$284,239	\$0	\$112,942	\$0	\$0	\$0	\$0
TOTAL	\$1,889,652	\$299,942	\$1,550,762	\$20,521	\$341,406	\$171,068	\$739,649

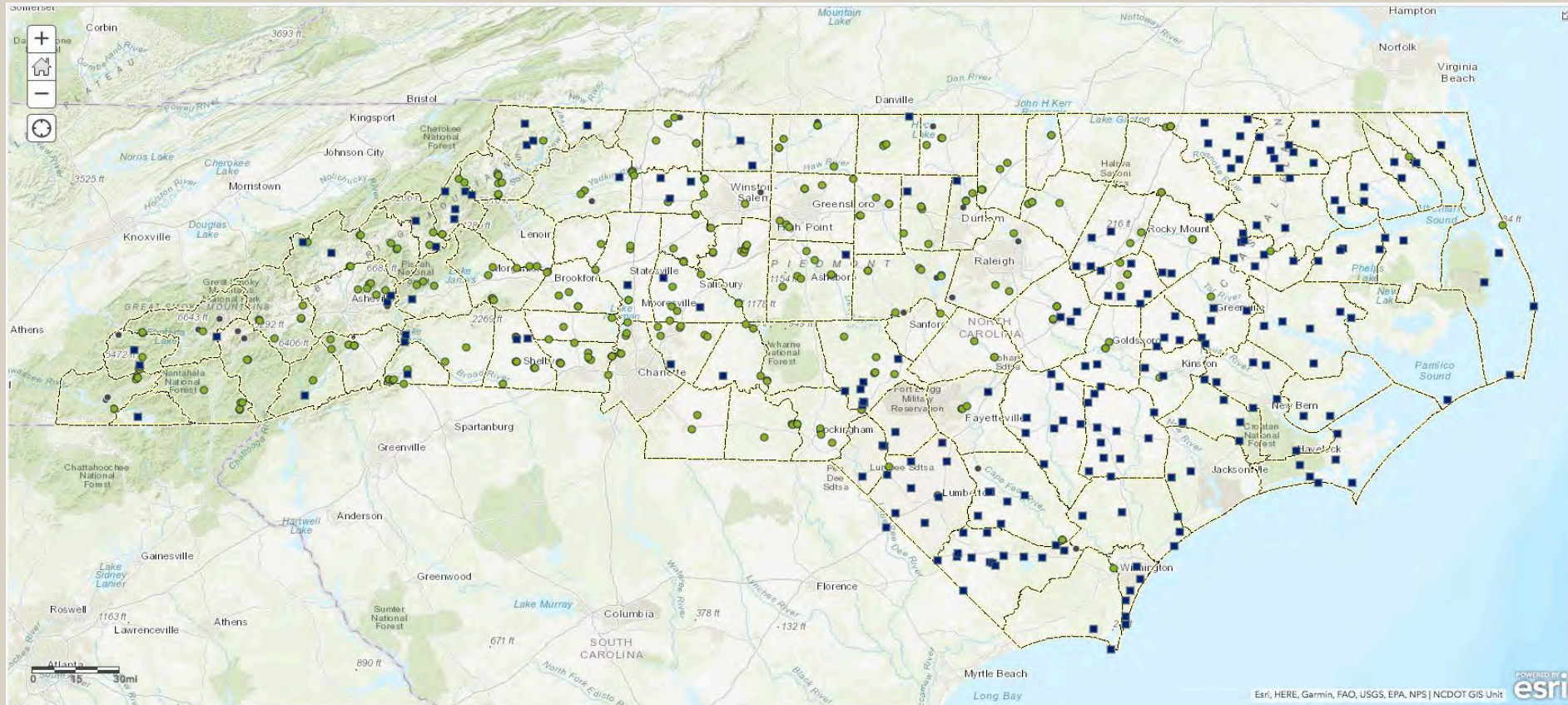
Challenge Grant funds ~\$1.6M



Knappe (NCSU)	\$489,375
McDonald Gibson (UNCCH)	\$380,000
Hoppin (NCSU)	\$263,205.49
Fry (UNCCH)	\$180,651
Call (NCSU)	\$75,000
Genereux (NCSU)	\$61,597.75
Waters/Lockett (UNCCH)	\$50,000
NC DEQ	\$50,000
Sun (UNCC)	\$26,858.25
Ferguson (Duke)	\$15,000
Duckworth (NCSU)	\$15,000
TOTAL	\$1,606,687.49

Public Water Sampling Sites

n = 348 (158 wells + 190 surface intakes)



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NORTH CAROLINA
PFAST
Testing Network

www.ncpfastnetwork.com

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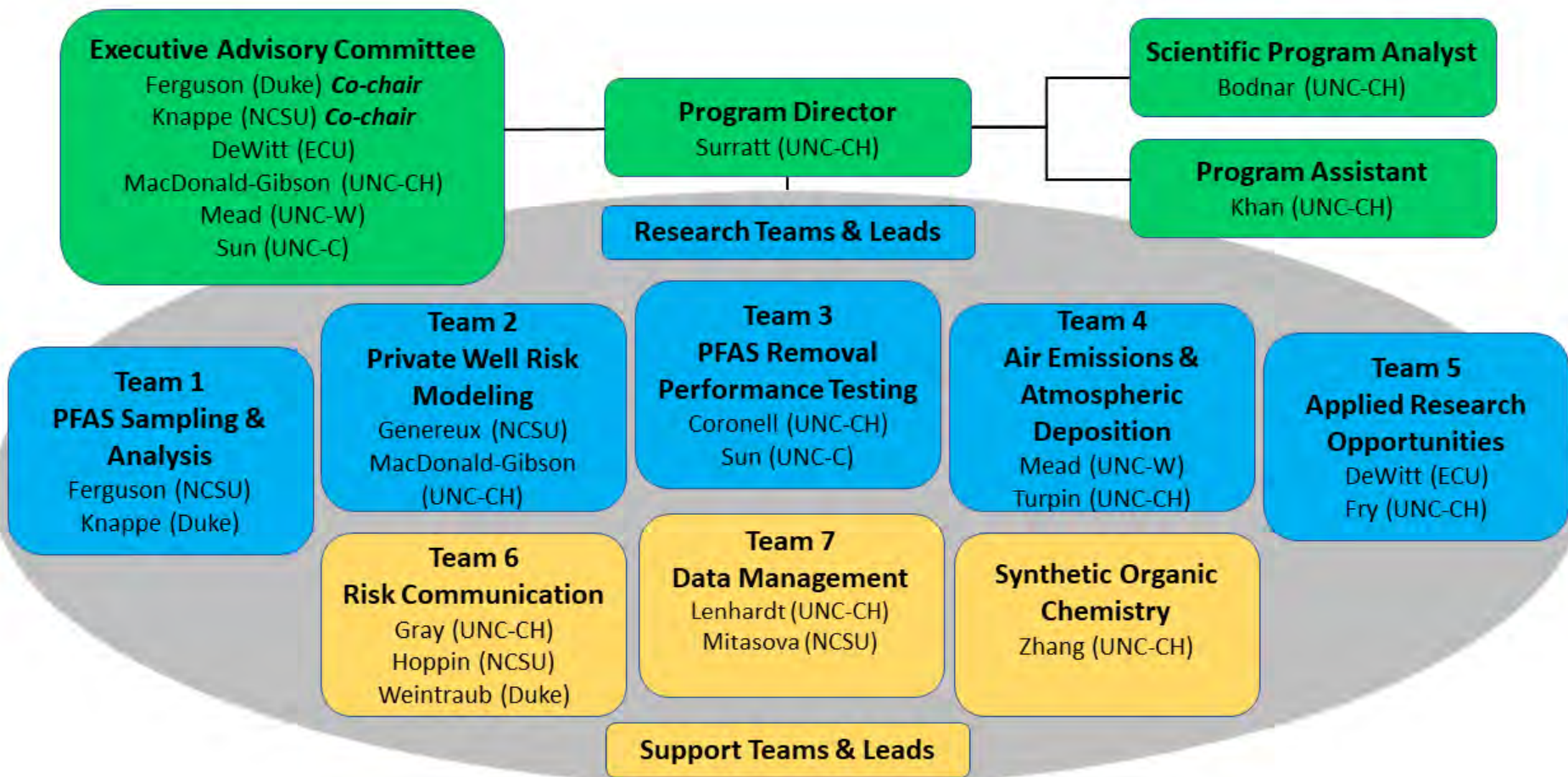


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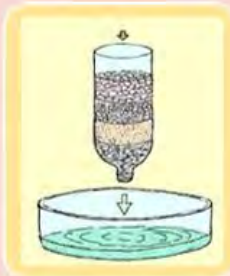


April 9, 2019

Wanda Bodnar, PhD
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Research and Support Teams



Team 1:

PFAS Sampling
and Analysis

Team 2:

Private Well
Risk Modeling

Team 3:

PFAS Removal
Performance
Testing

Team 4:

Air Emissions
and
Atmospheric
Deposition

Team 5:

Applied
Research
lab experiments
animal studies
human samples

Team 6:

Risk
Communication

Team 7:

Data Science
and
Management



Program Management Team & Synthetic Chemist



Research Activities

Sampling



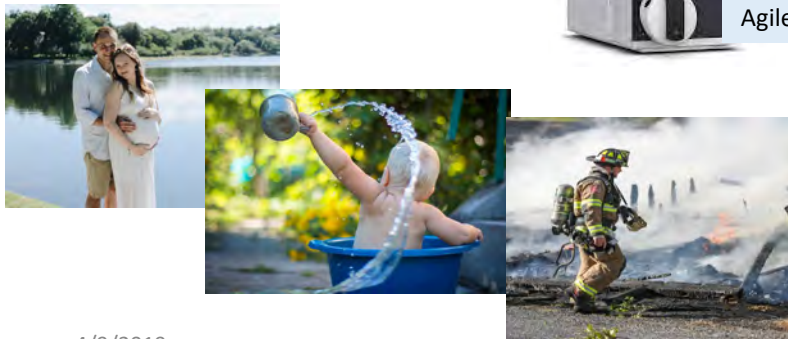
Removal Performance



Analysis



Health Effects



Predictive Models



Questions & Answers



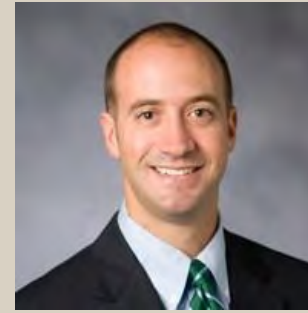
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