



2024 Federal Partners Meeting

- Welcome and Introductions
- Remarks from Superintendent Tanya Gossett
- 2024 CESU Annual Meeting
 - July 16-17
 - National Conservation Training Center, Shepherdstown WV
 - Virtual Option
 - July 18 – CW CESU Annual Meeting: 10-12 PM
 - Please send Danny any suggested agenda items
 - [Agenda](#)
- Discussion of Responses to the CESU Student Award



2024 Federal Partners Meeting

- Update: CW CESU Diversity, Equity, Inclusion, Justice, and Accessibility (DEIJA) Committee
 - Adoption of [Statement and Principles](#)
 - Statement:
 - The CESU Network is committed to advancing the principles of diversity, equity, inclusion, justice, and accessibility.
 - Principles:
 - Create and maintain a diverse and inclusive culture built on mutual respect and understanding
 - Foster a sense of belonging for all participants by adopting equitable policies and practices
 - Enhance and sustain diversity by taking concrete measurable actions to promote opportunities for and increase the participation of historically underrepresented and marginalized individuals, populations, and institutions
 - Embrace and value differences regardless of race, color, ethnicity, national origin, culture, language, sex, gender, gender identity, gender expression, sexual orientation, marital status, parental status, disability, age, career stage, lived experience, discipline, ways of knowing, religion or spirituality, political ideology, socioeconomic status, military or veteran status, and/or other legally or constitutionally protected attributes or affiliations



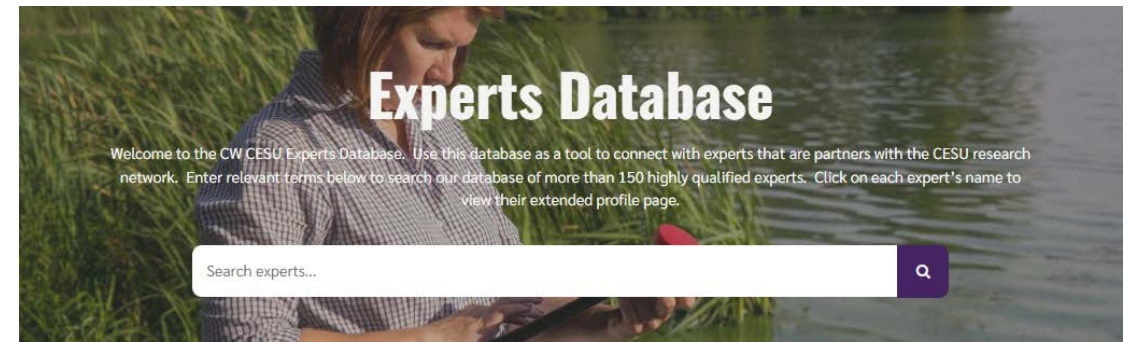
2024 Federal Partners Meeting

- Update: CW CESU Diversity, Equity, Inclusion, Justice, and Accessibility (DEIJA) Committee
 - Developing an Action Plan that will include:
 - Inform cooperators of opportunities
 - Encourage diversity in projects and programs
 - Assessment
 - DEIJA Statement in the Joint Venture Agreement Renewal in 2026
 - Tell stories
 - CESU Student Award
 - NPS Fellowship
 - Create more opportunities to engage within the network



Experts Database Update

<https://cwcesu.org/experts-database/>



CW CESU Experts Database

Refine Search Results By:

Research Discipline

Partner Institution

U.S. State

Are you interested in working within the CW CESU Network?

If you're a researcher at one of our federal or non-federal partner institutions, click the following link to



Bob Reitsma

Partner Institution:
Smithsonian Institution

Research Disciplines:
Conservation |
Environmental Education |
Urban Ecology



James Pierson

Partner Institution:
Horn Point Laboratory |
University of Maryland
Center for Environmental
Science

Research Disciplines:
Aquatic Ecology |
Invertebrates |
Marine Ecology |
Oceanography



Xiaofeng Liu

Partner Institution:
Pennsylvania State
University

Research Disciplines:
Civil Engineering |
Water Resources



- New feature: Related Experts

Related Experts



Diana Oviedo-Vargas

Partner Institution:
Stroud Water Research Center

Research Disciplines: Aquatic Ecology |
Biogeochemistry | Limnology |
Stable Isotope Ecology | Water Quality



Patrick Neale

Partner Institution:
Smithsonian Institution

Research Disciplines: Algae |
Aquatic Ecology | Biogeochemistry



Michael Gonsior

Partner Institution:
Chesapeake Biological Laboratory |
University of Maryland Center for
Environmental Science

Research Disciplines:
Environmental Chemistry |
Oceanography | Water Quality



- 187 experts
- Expert profiles last updated in late 2021
- Watch for email in late May/early June from:
cwcesu@umces.edu

Gurpal Toor

Professor and Extension Specialist
University of Maryland College Park
College Park, MD 20742
Email: gstoor@umd.edu
Phone: 301-405-1215

[Research Website](#)

[Download CV](#)



Research Disciplines: Biogeochemistry | Soils/Agronomy | Water Quality

Research Interests

Water quality, nitrogen, phosphorus, watershed biogeochemistry, isotopes, agriculture, nutrient management, soil fertility

Educational Background

I hold a BS Hons in Agriculture and Chemistry, an MS in Soil Chemistry, and a PhD in Environmental Soil Science. I was trained as a Postdoctoral Researcher in the Plant and Soil Science department at the University of Delaware and as a Research Scientist in the Biological and Agricultural Engineering department at the University of Arkansas.

Biographical Sketch

I am a Professor and Extension Specialist in the Department of Environmental Science & Technology. My expertise is in *Nutrient Management, Soil Fertility, and Water Quality*. From 2007 to 2017, I was an Assistant Professor, Associate Professor, and Full Professor in the Department of Soil and Water Sciences at the University of Florida.

The overall goal of my research and extension program at the University of Maryland is to conduct basic and applied research and extension to (1) increase understanding of environmental issues as related to agricultural and natural ecosystems and (2) solve environmental problems related to nutrient pollution in the water bodies, including the Chesapeake Bay.

Other Research

The specific objectives of my research program are to:

- 1) Develop, evaluate, and refine innovative tools using nutrient management principles to reduce nitrogen and phosphorus pollution of water bodies while using waste materials (manures, biosolids) and commercial fertilizers.
- 2) Investigate mechanisms and processes controlling release and transport of nitrogen and phosphorus from agricultural landscape to drainage ditches, streams, and rivers in the Chesapeake Bay watershed and other water bodies.

Current projects:

1. Reducing Nitrogen and Phosphorus Losses and Protecting Water Quality in the Chesapeake Bay
2. Managing Nitrogen in Agricultural Production Systems to Optimize Efficiency and Reduce Losses.
3. Manipulating Phosphorus in the Soil-Plant-Water Continuum.
4. Assessing the Effectiveness of Soil Health Practices in Enhancing Soil Organic Carbon.



- Instructions and login credentials provided
- Review profile and click either “Click to Modify Your Profile” button to make updates

Please scroll down to review the accuracy of your CW CESU Expert Profile. We encourage you to add additional and/or more up to date information that might help federal partners get to know you and understand your areas of expertise better.

To make changes:

[✎ Click to Modify Your Profile](#)

Test Expert

Appalachian Laboratory | University of Maryland Center for Environmental Science

301 Braddock Road
Frostburg, MD 21532

Email: kkline@al.umces.edu

Phone: 301-689-7122



Research Disciplines: [Aquatic](#) | [Environmental Chemistry](#) | [Hydrology](#) | [Water Quality](#)

Research Interests

water quality, climate change, nutrients, lab safety

Educational Background

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Biographical Sketch

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Other Research

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[✎ Click to Modify Your Profile](#)



- Make updates/corrections
- Upload new CV (pdf format)
- Upload new profile photo
- Click “Update” button at bottom of page to commit changes.
- Address questions to Katie Kline: cwcesu@umces.edu or

Edit Your Expert Profile

Please review each field below for accuracy and update where needed.

First and Last Name*

Test Expert

Modify if your name has changed.

Professional Title

Email*

kkline@al.umces.edu

Phone Number*

301-689-7122

Department

Full Mailing Address

Paragraph

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301 Braddock Road Frostburg, MD 21532

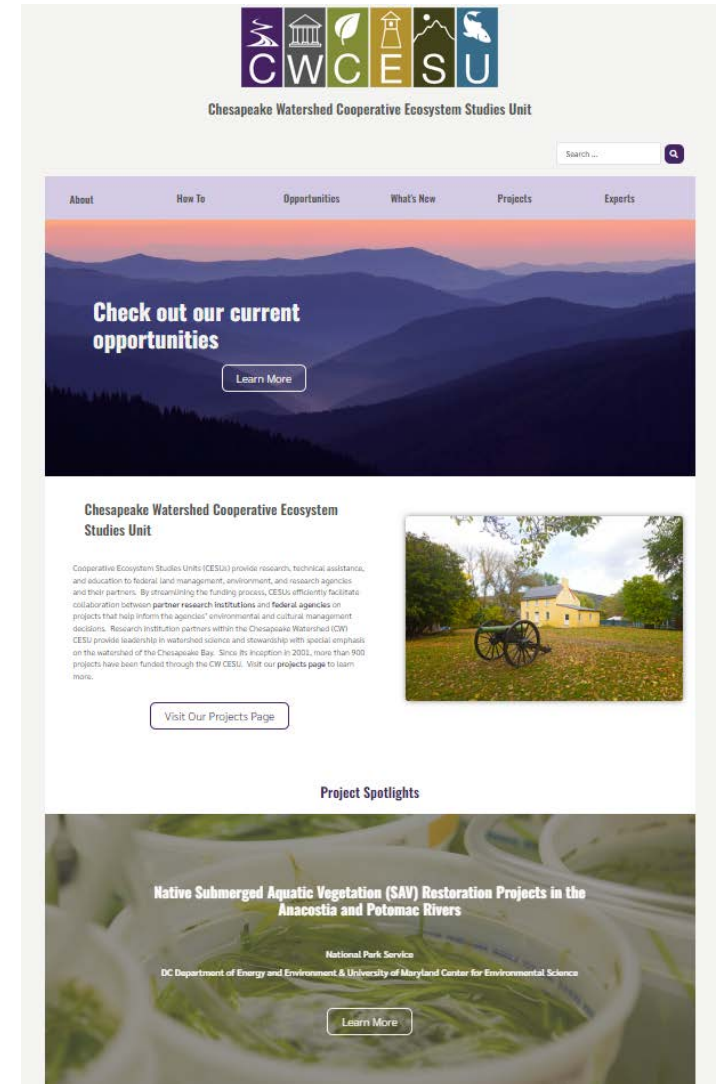
Research Website

If you provide the URL of your research website, the link will be featured on your profile page.



Website Redesign

- Re-branding (see the logo!) and website redesign are complete
- Projects Database is complete:
 - 1,058 projects since 2001
 - \$122.9 million
 - <https://cwcesu.org/projects/>





Projects Database Connected!

University of Maryland Center for Environmental Science



University of Maryland Center for Environmental Science Guide to Experts

Agreement Information

Cooperative Agreement Number: P22AM02116

Expires: 08/31/2027

University of Maryland Center for Environmental Science Contacts

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Claudia Cochran
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Specialist
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University of Maryland Center for Environmental Science CESU Projects

2 hidden fields Filter Sort

Project Name	Principal Investigator	Research Partner	ASU	Federal Agency	Start Date
P23AC01121 Landscape Approaches to Resour...	Katie Lumann	University of Maryland	Diane Pavik	National Park Service, D	6/16/2023
G23AC00155 Supporting the development an...	Mario Tamburri	University of Maryland	Faith Graves	Department of Interior	3/17/2023
P22AM02116 UMCES Master Cooperative Agre...	Ginger Steelman	University of Maryland	Donny Filer	National Park Service, D	9/1/2022
NA22NOS4780172 HCI: USHABC (US Harmful Algal ...	Allen Place	University of Maryland	Laurie Golden	Department of Commel	9/1/2022
G20AC00106 Translating USGS science into ma...	William C. Dennison	University of Maryland	Kari Hyer, Faith Graves	Department of Interior	5/1/2021
P20AC00812 Interpreting and Communicating...	Emily Cohen	University of Maryland	Elizabeth Matthews	National Park Service, D	7/9/2020
P17AC01714 Second Century Regional Resour...	Simon Costanzo, Willa	University of Maryland	Diane Pavik	National Park Service, D	9/18/2017
P17AC01688					



B. Derrick Taff

Associate Professor, Professor in Charge of Graduate Program, Recreation, Park and Tourism Management
Pennsylvania State University
Recreation, Park and Tourism Management
801 Ford Building

University Park, PA 16802

Email: bdt3@psu.edu

Phone: 970-227-2872

Research Website

Research Disciplines: Conservation | Interpretation/Recreation | Social Science

Research Interests

Communication strategies, human and visitor behavior, visitor use management, parks and protected areas, Leave No Trace-based, human health, natural sounds and natural dark skies

Educational Background

- PhD: Human Dimensions of Natural Resources, Colorado State University, Ft. Collins, Colorado
- Master of Arts: American Studies, The University of Alabama, Tuscaloosa, Alabama

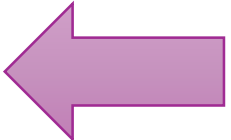
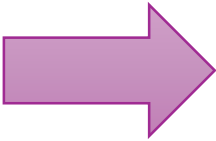
Biographical Sketch

As a conservation social scientist, I examine how communication strategies influence human behavior and, in particular, how they promote healthy human behaviors, and ultimately strong ecological values. I have established a program of research with three focal areas that inform visitor use management in parks and protected areas globally: 1) communication strategies regarding Leave No Trace-based (LNT) minimum impact behaviors, 2) examining the relationship between protected areas and human health, and 3) human health in relation to natural sounds and natural dark skies.

CESU Projects

1 hidden field Filter Sort

Project Name	Principal Investigator	Research Partner	ASU	Federal Agency	Start Date
P20AC00410 Grand Canyon National Park Visit...	Derrick Taff	Pennsylvania State Univ	Sarah Haas	National Park Service, D	3/10/2020
P19AC00182 Grand Canyon National Park Visit...	Derrick Taff	Pennsylvania State Univ	Sarah Haas	National Park Service, D	3/8/2019
P14AC01791					





Adjourned!

Questions?