



Virgin Islands Institute for STEM
Education Research and Practice

Meet The Team:
Mentoring & Research Infrastructure



Verleen McSween, PhD

Assistant Professor of Biology
UVI College of Science and Mathematics

Director for Mentoring and Research Infrastructure
Virgin Islands Institute for STEM Education Research and Practice (VI- ISERP), NSF EPSCoR

Co- Principal Investigator
Undergraduate Research Training Initiative for Student Enhancement (URISE)(T34) National Institutes of Health



Shimeeka Stanley

Research Assistant
Virgin Islands Institute for STEM Education Research and Practice (VI- ISERP), NSF EPSCoR

Senior, marine biology major, minor in environmental science
UVI College of Science and Mathematics

Intern
NASA Office of STEM Engagement (OSTEM)

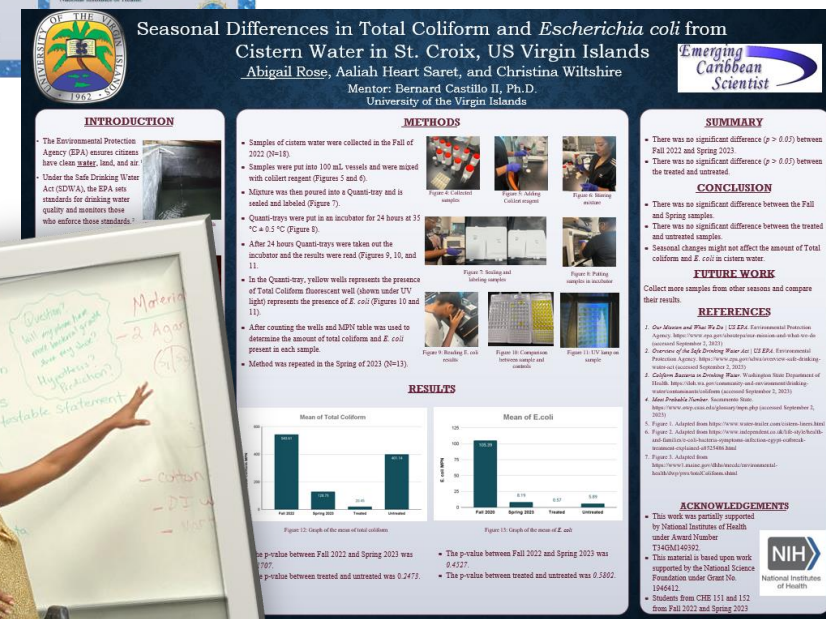
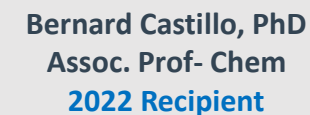
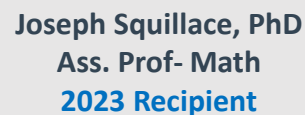
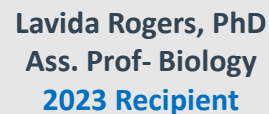
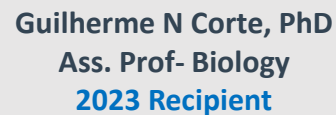


Our OBJECTIVES

To support student/ faculty research infrastructure for the pre- and in-service STEM workforce to increase STEM career interest, skills, and retention

To develop mechanisms of support and development for **STEM students** (undergraduate and graduate)

■To develop mechanisms of support and development for **early-career STEM faculty**





ECS/VI-ISERP FACULTY MENTOR WORKSHOP

LOOKING TO IMPROVE YOUR MENTORING SKILLS AND IMPROVE YOUR STUDENT'S RESEARCH EXPERIENCE?

IF SO, WE'VE GOT YOU COVERED!

JOIN US FOR AN EVIDENCE-BASED MENTORING WORKSHOP

TUESDAY MAY 30

TIME 9:00AM- 11:30PM

ZOOM LOGIN

996 1060 5297

password: #mentor

TRAINING MODULES:

- MAINTAINING EFFECTIVE COMMUNICATION
- ALIGNING MENTOR- MENTEE EXPECTATIONS
- FOSTERING MENTEE INDEPENDENCE
- ADDRESSING EQUITY AND



Setting Goals for your Summer Research Experience

Adapted from the Entering Research curriculum

research methods skills
qualitative data theoretical design passion
review literature framework analysis scope determining narrative types developing need extent
best different topic management frame enough mixed
forming chapter consistent analyzing harmonize phenomenological personal findings
approach



Kickstarting your Research Productivity

VERLEEN MCSWEEN, PhD
LAWANDA CUMMINGS, PhD
University of the Virgin Islands

Resources for

Eastern Caribbean Center

THE CURRENT WORK IN TRAINING AND RESEARCH DEVELOPMENT

Faculty Affiliate



VERLEEN MCSWEEN, PH.D.

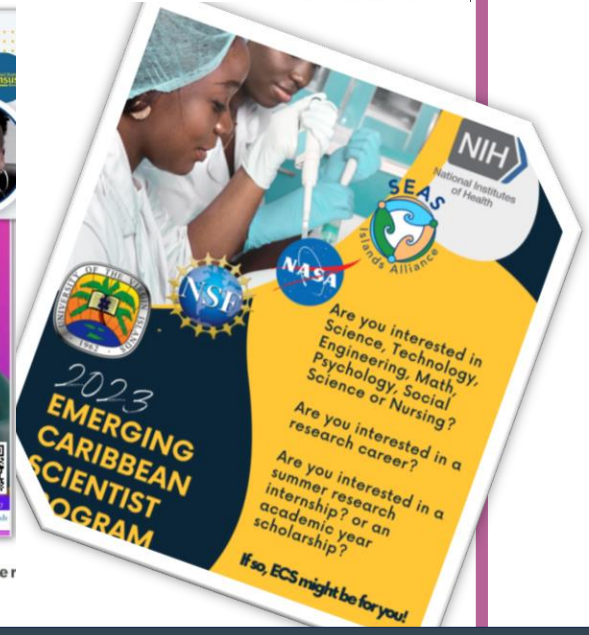
Research Training and Skill Development

FALL 2023 Training	
TRAINING TOPIC	MONTH
Research Questions to Methodology	SEPTEMBER
Introduction to Qualitative Methods	OCTOBER
Scale and Interview Protocol Development	NOVEMBER



CENSUS DATA LEARNING COURSE

Coding the Future: Sparking Young Minds with AI/ML



2023 EMERGING CARIBBEAN SCIENTIST PROGRAM

Are you interested in Science, Technology, Engineering, Math, Psychology, Social Science or Nursing?

Are you interested in a research career?

Are you interested in a summer research internship? or an academic year scholarship?

If so, ECS might be for you!

Writing Support: Voices of Women in STEM (VOWS)

Publication Support and Structured Writing
2022- 2023

34 students mentored in research

22 conference proposals submitted

20 research conference acceptances

28 publication drafts

13 publications submitted for publishing

12 publications accepted for publishing

17 grant proposal drafts

14 grant proposals submitted

8 grant proposals funded



Meria Marcel-Lewis
Math Instructor
VOWS Scholar





RESEARCH

Thank you!

Dr. Verleen McSween

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