ADVANCED RCR TRAINING
COASTAL REC/USDA ARS VEGETABLE LABORATORY
WEDNESDAY, AUGUST 28, 2019
10:00AM-4:00PM

PRESENTERS:
Gary Machlis, University Professor of Environmental Sustainability
Eric Muth, Professor of Psychology
Associate Dean for Research and Graduate Studies
Tracy Arwood, Assistant Vice President for Research Compliance
Integrity Officer
Megan Sheffield, Data Services Librarian
Jim Grieger, Director of Research Safety

AGENDA:
10:00am-10:15am
Tracy Arwood
Welcome

10:15am-11:15am
Gary Machlis
The Expansion of Scientific Integrity

Scientific integrity has generally included protection and prevention of scientific misconduct such as fabrication of data or plagiarism. Contemporary definitions and policies have significantly expanded the scope and range of issues included in maintaining scientific integrity. Using case examples from several different scientific disciplines, the implications for faculty, staff, and students at research and land-grant universities such as Clemson will be presented, with time for questions and discussion.

11:15am-12:15pm
Eric Muth
Side Effects of Plagiarism and Research Misconduct

Dr. Muth will discuss the side effects of research misconduct, specifically plagiarism, in the form of a case study which had a direct effect on his lab. Work in Dr. Muth’s lab was based on foundational work
in a lab of a scientist at another university. Two students performed thesis and dissertation work building on this foundational work. During the students work, we discovered increasing accusations about the foundational work. During the students work, the accused faculty member was found guilty of academic misconduct and the stream of article retractions by that faculty member began. Discussion will be held around what to do when you find your work is built on the false work of others in order to highlight that plagiarism is not only professional misconduct, it has broad effects on the scientific community and how the public views science.

12:15pm-12:45pm
Lunch (provided)

12:45pm-1:45pm
Tracy Arwood
How Clemson Addresses Research Misconduct

Ms. Arwood will discuss Clemson University’s policy on Research Misconduct. Clemson’s policy mirrors the federal misconduct policy and provides timelines and requirements for handling allegations. This discussion will include expectations for reporting concerns, how allegations are evaluated, the inquiry and investigation processes, and possible outcomes.

1:45pm-2:45pm
Megan Sheffield
Data Management for USDA Researchers

Researchers that receive funds from federal agencies like USDA have special requirements relating to the data they produce in the course of their research. Join me for a brief introduction (or refresher!) on USDA’s specific requirements and recommendations. Participants will learn how to write a Data Management Plan as part of their USDA grants as well as how to stay in compliance with USDA policy. After the presentation, I will be available for questions related to data repositories or questions related to making data or publications open access.

2:45pm-3:45pm
Jim Grieger
Responsible Conduct of Research: How Safety Fits In

Responsible research means safe research. Clemson University has a commitment to safety for its students, faculty and staff. Conducting world class research includes potential exposures to hazardous conditions including chemical, radiological, biological and physical hazards. This talk will discuss how to integrate safety into the research project and how the Office of Research Safety can assist researchers in meeting their safety and compliance responsibilities.

3:45pm-4:00pm
Tracy Arwood
Wrap Up