

# Responsible Conduct of Research Training

## Fall Semester 2023

Training to guide participants through the ethics and responsibilities of conducting research as a researcher and mentor.

### Dates

Session 1: October 20, 2023 • Session 2: November 3, 2023

### Time

9:45 am – 3:30 pm

### Location

Main Campus Student Center, Room 337

## PROGRAM CONTACTS

Tammy Drapeaux Senior Research Compliance & Training Specialist, Research Integrity & Compliance  
Anthony Rowe, MBA Assistant Director, Research Integrity & Compliance and Export Controls

## PROGRAM INSTRUCTORS

John Baumgartner Lab Safety Manager/Biosafety Officer, Responsible Official, Environmental Health & Safety  
Kenneth Briley, MSW, CIP Interim Director, Office of Compliance Monitoring  
Gaelle Deshayes, PhD IACUC Director, Dept. of Comparative Medicine  
Christopher Geyer, PhD Associate Professor, Dept. of Anatomy & Cell Biology  
Annette Greer, PhD, MSN Associate Professor, Dept. of Bioethics & Interdisciplinary Studies  
Jeffrey McKinnon, PhD Professor, Dept. of Biology  
Morgan Milton, PhD Assistant Professor, Dept. of Biochemistry & Molecular Biology  
Anthony Rowe, MBA Assistant Director, Research Integrity & Compliance and Export Controls  
Samuel Sears, PhD Professor, Depts. of Psychology and Cardiovascular Sciences and COIC Chair  
Kerry Sewell, MSLS Research Development Director, College of Health and Human Performance  
Suzanne Sparrow, MPH Director, Human Research Protections, University and Medical Center IRB  
Tonya Zeczycki, PhD Associate Professor, Dept. of Biochemistry & Molecular Biology

## PROGRAM DESCRIPTION

This training is designed for students and postdoctoral scholars who are contractually required or recipients of NIH, NSF, or other training awards that require training in Responsible Conduct of Research (RCR). The training will cover the principles and expectations for conducting research ethically and guide participants in teaching others for whom they are responsible. Each session will be led by ECU subject matter experts in each of the RCR core areas.

### Pre-Session Reading

This training places a heavy emphasis on discussion, and the content area instructor may require participants to complete light pre-session reading in preparation for discussion.

### Attendance

Attendance is mandatory to fulfill your contractual agreement and/or meet a federal funding requirement. On completion of this program, you will receive a course certificate.

For the second session, you will choose either Research Involving Vertebrate Animals or Research Involving Human Subjects and Materials – the two topics run concurrently.

### Lunch

Lunch and snacks will be provided each day.

### ADA Accommodation

Individuals requesting accommodation under the Americans with Disabilities Act (ADA) should contact the ADA Coordinator at least 48 hours prior to the event at (252) 737-1018 / [ada-coordinator@ecu.edu](mailto:ada-coordinator@ecu.edu).

**Responsible Conduct of Research Training**  
**Session 1: Friday, October 20, 2023 • Main Campus Student Center, Room 337**

<b>Time</b>	<b>Topic/Description</b>	<b>Instructor</b>
9:45 am	<b>Welcome: Check-In</b>	Tammy Drapeaux
10:00 am to 11:00 am	<p align="center"><b>Research Misconduct</b></p> <ul style="list-style-type: none"> <li>• Distinguishing the lines between misconduct, irresponsible conduct, and expected normative practices,</li> <li>• Understanding federal and ECU policies and responses to suspected research misconduct, and</li> <li>• Utilizing federal and ECU resources to report a concern of research misconduct.</li> </ul>	Annette Greer
11:00 am to 11:55 am	<p align="center"><b>Conflicts of Interest and Commitment</b></p> <ul style="list-style-type: none"> <li>• Recognizing, acknowledging, managing, and eliminating professional conflicts of interest &amp; commitment,</li> <li>• Distinguishing institutional conflicts of interest,</li> <li>• Understanding federal and ECU policies and practices with respect to financial conflicts of interest,</li> <li>• Recognizing risks of nonfinancial conflicts of interest, and</li> <li>• Avoiding unconscious and subtle unintended bias.</li> </ul>	Sam Sears
11:55 am	<b>Lunch Provided</b>	Tammy Drapeaux
12:15 pm to 12:45 pm	<p align="center"><b>Foreign Influence and Export Controls</b></p> <ul style="list-style-type: none"> <li>• Understanding foreign component disclosure requirements,</li> <li>• Identifying deemed exports and when they occur,</li> <li>• Planning for research security requirements, and</li> <li>• Preparing for shipping (or receiving) internationally.</li> </ul>	Tony Rowe
12:45 pm to 2:00 pm	<p align="center"><b>Data Acquisition, Management, Sharing, and Ownership Reproducible Research</b></p> <ul style="list-style-type: none"> <li>• Understanding expected practices and policies of journals, sponsors, and institutions, and</li> <li>• Utilizing tools for reproducibility in research.</li> </ul>	Kerry Sewell
2:00 pm to 3:30 pm	<p align="center"><b>Safety in Research Facilities</b></p> <ul style="list-style-type: none"> <li>• Identifying the unique variety of hazards associated with research laboratories,</li> <li>• Managing the challenging emerging risks in research laboratories, and</li> <li>• Utilizing hazard mitigation tools.</li> </ul>	John Baumgartner

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**Responsible Conduct of Research Training**  
**Session 2: Friday, November 3, 2023 • Main Campus Student Center, Room 337**

Time	Topic/Description	Instructor
9:45 am	<b>Welcome: Check-In</b>	Tammy Drapeaux
10:00 am to 11:00 am	<p align="center"><b>Mentor/Mentee Responsibilities and Relationships</b></p> <ul style="list-style-type: none"> <li>• Understanding the core principles of teaching and learning through mentorship,</li> <li>• Identifying mentoring responsibilities,</li> <li>• Creating Individual Development Plans, and</li> <li>• Clarifying expectations between the mentor and mentee.</li> </ul>	Morgan Milton
11:00 am to 12:00 pm	<p align="center"><b>Research Involving Vertebrate Animals</b></p> <ul style="list-style-type: none"> <li>• Going beyond the web-based training to real-life considerations of using animals in research,</li> <li>• Identifying practical applications for seeking approval to use animals in your research, and</li> <li>• Supervising and training others to work with animals in research.</li> </ul> <p align="center">---OR---</p> <p align="center"><b>Research Involving Human Subjects and Materials</b></p> <ul style="list-style-type: none"> <li>• Going beyond the basics to real-life considerations of using human subjects in research, and</li> <li>• Balancing potential conflicts between protecting human subjects and accomplishing vital research.</li> </ul>	<p align="center">Gaelle Deshayes</p> <p align="center">-----</p> <p align="center">Suzanne Sparrow Kenneth Briley</p>
12:00 pm	<b>Lunch Provided</b>	Tammy Drapeaux
12:20 pm to 1:15 pm	<p align="center"><b>Responsible Authorship and Publication</b></p> <ul style="list-style-type: none"> <li>• Understanding the range of norms, beliefs, and practices among scientists and disciplines on assignment of credit through authorship and acknowledgments,</li> <li>• Reviewing journal practices requiring explicit statements of contributions of authors, and</li> <li>• Establishing and communicating your criteria and process for determining authorship.</li> </ul>	Jeff McKinnon
1:15 pm to 2:15 pm	<p align="center"><b>Collaborative Research</b></p> <ul style="list-style-type: none"> <li>• Considering collaboration in research among industries,</li> <li>• Considering the similarities and potential differences when entering an international collaboration,</li> <li>• As a mentor, guiding others working across research groups and differing research practices, and</li> <li>• Prospectively addressing possible issues before they arise through communication and written agreement.</li> </ul>	Tonya Zeczycki
2:15 pm to 3:15 pm	<p align="center"><b>Peer Review</b></p> <ul style="list-style-type: none"> <li>• Understanding instructions and expectations for journal and federal grant peer reviewers,</li> <li>• Including graduate students and postdoctoral scholars in peer review processes,</li> <li>• Responsibly maintaining confidentiality and security in peer review, and</li> <li>• Responsibly respecting intellectual property revealed to peer reviewers.</li> </ul>	Chris Geyer