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Responsible Conduct of Research Program

Spring 2022 Virtual Workshop Schedule

Date: January 12, 2022

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Subject: Responsible Conduct of Research Virtual Workshop Schedule, Fall 2021

Research, Innovation & Impact is pleased to announce the Spring 2022 schedule of Responsible Conduct of Research (RCR) virtual workshops. These interactive, discussion-based workshops will be delivered remotely via Zoom. They are open to all members of campus and are designed specifically for graduate and undergraduate students, postdoctoral researchers, and early career faculty. All virtual workshops count towards fulfillment of RCR education requirements from the National Science Foundation (NSF), National Institutes of Health (NIH), and National Institute of Food & Agriculture (NIFA).

If you need to complete RCR training to fulfill funding agency requirements, please enroll directly in workshops using the "Enroll" links below. To find out whether you are subject to the funding agency requirements, please visit our program page: <https://research.arizona.edu/research-compliance/rcr/federal-rcr-requirements>.

January

Managing Competing Interests in Research -Elective Workshop- [\[ENROLL\]](#)

When: January 18 | 9:00 - 10:30 AM

Facilitators:

- Taren Ellis Langford, JD, Director, Office for Responsible Outside Interests

Description: This Responsible Conduct of Research (RCR) workshop provides an overview of the University's conflict of interest policy, why it matters, and how it applies to UA researchers, including students.

Workshop participants will learn the criteria for determining whether or not someone qualifies as an Investigator under the University's COI policy, what counts as a significant conflict of interest, and the processes for disclosing and managing those interests.

SPECIAL NOTE: The University of Arizona has separate Conflict of Interest training requirements that are NOT satisfied by this workshop. For more information, please visit <https://research.arizona.edu/compliance/office-responsible-outside-interests>

Introduction to Responsible Conduct of Research -Core Workshop- [\[ENROLL\]](#)

When: January 24 | 3:00 - 4:30 PM

Facilitator: Scott Pryor, Research Integrity Officer - Research, Innovation & Impact

Description: This core workshop introduces the core elements of Responsible Conduct of Research (RCR) and general best practices for ensuring research is conducted ethically and with integrity. The workshop will also provide details on how to meet federal training requirements from NSF, NIH, and NIFA. This workshop fulfills the core requirement of the NSF, NIH, and Undergraduate Responsible Conduct of Research Certificates.

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January Continued

Animal Research: Ethical and Regulatory Considerations -Elective Workshop- [\[ENROLL\]](#)

When: January 28 | 10:00 - 11:30 AM

Facilitators:

- Diego Celdran-Bonafonte, DVM, MSc, PhD, Assistant Veterinary Specialist - University Animal Care

Description: This Responsible Conduct of Research (RCR) workshop provides an overview of the ethical considerations and regulatory framework involved in research with animal subjects. Participants will gain an understanding of the history of animal research and the federal regulations surrounding the use of animal subjects. In addition, the course will explain the role of the Institutional Animal Care and Use Committee (IACUC) and its responsibilities. There will also be consideration of the harm-benefit analysis that is conducted as part of the approval to use animals in research, as well as the importance of the 3 R's in reducing pain and distress. Finally, the responsibilities of animal researchers will be discussed.

SPECIAL NOTE: The IACUC Program has separate training requirements regarding animal subjects research that are NOT satisfied by this workshop. For more information, please visit <https://research.arizona.edu/compliance/IACUC>.

February

Ethics of Research with Human Subjects -Elective Workshop- [\[ENROLL\]](#)

When: February 8 | 2:00 - 3:30 PM

Facilitators:

- Mariette Marsh, MPA, Asst. VP Regulatory Affairs & Safety

Description: This Responsible Conduct of Research (RCR) workshop covers the ethical importance of the Institutional Review Board (IRB) and the process for submitting projects to the Human Subjects Protection Program (HSPP).

Through a mix of formal presentation, small group discussions, and Q & A, this introductory-level workshop will address the ethics and history of research with human subjects, the IRB approval process, and guidelines for working with vulnerable populations. Approval from the Institutional Review Board (IRB) is required for all research involving human subjects under the purview of the University of Arizona.

Participants will gain the necessary background and information to understand the purpose of the the Human Subjects Protection Program (HSPP), the requirements for IRB review, and the process for seeking IRB approval.

SPECIAL NOTE: The Human Subjects Protection Program has separate training requirements regarding human subjects research that are NOT satisfied by this workshop. For more information, please visit <https://research.arizona.edu/compliance/human-subjects-protection-program>

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February Continued

Ethics of Authorship and Publication -Elective Workshop- [\[ENROLL\]](#)

When: February 17 | 2:00 - 3:30 PM

Facilitator: Chris Segrin, PhD, Department Head, Communications

Description: This Responsible Conduct of Research (RCR) workshop provides an introduction to academic authorship and publication practices, including author responsibilities and guidelines for authorship credit.

Tribal Consultation and Engagement with Native Communities -Elective Workshop- [\[ENROLL\]](#)

When: February 28 | 2:00 - 4:00 PM

Facilitator:

- Karen Francis-Begay, PhD, Asst. Vice Provost Native American Initiatives
- Mariette Marsh, MPA, Asst. VP Regulatory Affairs & Safety
- Claudia Nelson, MA, Director Native People's Technical Assistance Office

Description: Provides an introduction to policies, resources, and best practices for UA researchers interested in conducting collaborative research and/or educational engagement with Native Nations/Indigenous communities.

This workshop covers three important aspects of UA research and engagement with Native Nations and Indigenous Communities: 1) The Arizona Board of Regents Tribal Consultation Policy and attendant issues; 2) Guidance for conducting collaborative research or educational engagements with Native Nations/Indigenous Communities; and 3) Research and engagement resources available to the campus community. The workshop is designed to be broadly informative for university faculty, students, staff and administrators.

For more information about engaging with Native Nations and Indigenous Communities, please visit <https://nptao.arizona.edu/>

March

Ethical Issues in Biomedical Research -Elective Workshop- [\[ENROLL\]](#)

When: March 3 | 2:00 - 3:30 PM

Facilitators:

- Michael Krueger, MD, Pediatric Neurologist, Phoenix Children's Hospital & Assoc. Professor
- Ron Hammer, PhD, Professor & Co-director of Clinical Translational Sciences - College of Medicine - Phx.

Description: This Responsible Conduct of Research (RCR) workshop explores key ethical considerations raised by biomedical research and best practices for ensuring integrity of conduct.

Intro. to Data Management, Acquisition, and Ownership -Elective Workshop- [\[ENROLL\]](#)

When: March 8 | 10:00 - 11:30 AM

Facilitators:

- Jim Martin, Associate Librarian, Office of Digital Innovation & Stewardship

Description: This Responsible Conduct of Research (RCR) workshop provides an introduction to data ownership laws and best practices for data management, including collection, sharing, and storage.

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March Continued

Ethics, Integrity, and the Handling of Research Misconduct -Elective Workshop- [\[ENROLL\]](#)

When: March 17 | 2:00 - 3:30 PM

Facilitator: Scott Pryor, Research Integrity Officer - Research, Innovation & Impact

Description: This workshop provides an overview of the basic principles of ethical research, the primary forms of research misconduct--plagiarism, falsification, and fabrication--and the University's process for handling charges of misconduct. Through group discussions of case studies and scenarios, participants will explore what it means to conduct ethical research, the range of circumstances people face that might contribute to research misconduct, and the resources available to help mitigate those circumstances.

April

Introduction to Safe Laboratory Practices -Elective Workshop- [TBD](#)

When: April 7 | 2:00 - 3:30 PM

Facilitators:

- Jennifer Jeung, PhD, Laboratory Operations Manager - College of Medicine - Phoenix
- Kathleen Kennedy, Environmental Health & Safety Manager - TGen
- Ron Hammer, PhD, Professor & Co-director of Clinical Translational Sciences - College of Medicine - Phx.

Description: This Responsible Conduct of Research (RCR) workshop provides an overview of laboratory safety practices and requirements for researchers using chemical, biological, and radioactive materials. Counts toward RCR Certificate. If seeking certificate, register for NIH or NSF certification program first.

SPECIAL NOTE: The Radiological, Biological & Chemical Safety Programs and Risk Management Services have separate training requirements that are NOT satisfied by this workshop. For more information, please visit <https://research.arizona.edu/compliance/RLSS> and https://risk.arizona.edu/content/training_FAQ.

Ethics of Peer Review -Elective Workshop- [\[ENROLL\]](#)

When: April 21 | 2:00 - 3:30 PM

Facilitator:

- Oliver Monti, PhD | Professor of Chemistry, Biochemistry, & Physics
- Ron Hammer, PhD | Professor & Co-director of Clinical Translational Sciences - College of Medicine - Phx.

Description: This workshop covers the ethical obligations involved in peer review and the critical role that peer review plays in advancing research and scholarship.

Introduction to Responsible Conduct of Research -Core Workshop- [\[ENROLL\]](#)

When: April 27 | 10:30 - 12:00 PM

Facilitator: Scott Pryor | Research Integrity Officer - Research - Innovation & Impact

Description: This core workshop introduces the core elements of Responsible Conduct of Research (RCR) and general best practices for ensuring research is conducted ethically and with integrity. The workshop will also provide details on how to meet federal training requirements from NSF, NIH, and NIFA.

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May

Ethics of Overlapping Publications -Elective Workshop- [\[ENROLL\]](#)

When: May 5 | 2:00 - 3:30 PM

Facilitator: Scott Pryor | Research Integrity Officer - Research, Innovation & Impact

Description: This Responsible Conduct of Research (RCR) workshop provides a focused look at the practice of overlapping publications in academic journals, why it's a problem, and how to avoid it. General best practices for publishing research will also be addressed.

Through group discussions of case studies and scenarios, participants will explore what it means to conduct ethical research, the range of circumstances people face that might contribute to research misconduct, and the resources available to help mitigate those circumstances.

Building Productive & Ethical Mentoring Relationships -Elective Workshop- [\[ENROLL\]](#)

When: May 12 | 2:00 - 3:30 PM

Facilitators:

- Jeanette "Jenny" Hoit, PhD, CCC-SLP, Professor & Director, Office of Postdoctoral Affairs
- Ron Hammer, PhD | Professor & Co-director of Clinical Translational Sciences - College of Medicine - Phx.

Description: This elective RCR workshop addresses the ethics of mentoring with an emphasis on the essential components of creating and maintaining a health mentor-mentee relationship.

Mentoring is a key component of the research process. In the university environment, faculty members are responsible for mentoring of undergraduate students, graduate students, and postdoctoral fellows as they learn how to conduct research. Other mentoring relationships are also found in the university; for example, senior faculty mentoring junior faculty, postdoctoral fellows mentoring graduate students, and students mentoring other students. Some of the most important learning and professional development occurs within these mentoring relationships. Thus, it is critical that mentoring relationships be healthy and productive.

By the end of the workshop, participants will be able to answer the following questions: • What are the qualities of a good mentor?

- What are the qualities of a good mentee?
- What are the essential components of a good mentor-mentee relationships?
- What ethical concerns sometimes arise within a mentor-mentee relationship and what can be done about them?

Coming Fall 2022

Introduction to Rigor and Reproducibility -Elective Workshop- [\[TBD\]](#)

Description: This Responsible Conduct of Research (RCR) workshop will provide an overview of the concepts of rigor and reproducibility to consider when planning, conducting, and disseminating research.

The workshop will address topics such as scientific premise, scientific rigor in experimental design and statistical analyses, and the importance of authenticating the resources used to conduct the research. Learning objectives include how to convey the rigor of your research in grant applications and publications, and how to ensure your results are reproducible.

Ethics of Collaborative Research and Working with Industry -Elective Workshop- [\[TBD\]](#)

Description: This Responsible Conduct of Research (RCR) workshop covers the ethics of and best practices for conducting collaborative research and scholarship. Collaboration with industry is also addressed.