

## **Responsible Research: Critical Skills for Preserving a Community of Trust**

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“Whoever is careless with the truth in small matters cannot be trusted with important matters” (Albert Einstein). The research community is a community of trust. Research progress is dependent on maintaining that trust. We must be able to trust that our colleagues accurately conduct and report their research methods and results so that we feel secure building on their work. Similarly, we must be able to trust that our colleagues will honor our intellectual contributions/property through citation so that we are willing to openly share our research ideas and progress. Every incident of research misconduct, whether purposeful or accidental, damages the trust that is critical to research progress. Responsible Research is about developing skills that enhance the efficacy of our research, but also about recognizing our responsibilities to both our research and our research community. This presentation will define research misconduct but also address the importance of: 1) seeking out training opportunities that enhance professional skills outside of the classroom/laboratory, 2) understanding the complexities of intellectual property (IP) so that students can avoid career damaging violations of IP such as accidental plagiarism and 3) incorporating the study responsible research conduct in your career development.