

# Promoting New Training Initiatives in Research Ethics and Cultural Competence for Engineering and Environmental Sciences

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## ABSTRACT

The Northeast Ethics Education Partnership (NEEP), funded by the National Science Foundation's (NSF) Ethics Education in Science and Engineering (EERE) is promoting new course training initiatives, specifically for graduate students and faculty on research ethics and cultural competence in environmental studies/science and engineering. Federal research regulatory committees, NSF and National Institutes of Health have been committed to supporting and promoting research ethics training for researchers in natural sciences, health sciences and engineering due to a lack of awareness and understanding of research ethics guidance in human subjects protections, research integrity and field-based ethical challenges in these sciences. Professor Quigley will report on the development and dissemination of NEEP course training for multiple universities, tailored to environmental studies/sciences, to engineering and more recently to marine sciences. She will provide an overview of valuable new training modules and materials that can be made available for faculty/graduate students and field researcher and report on successful training venues for research ethics and cultural competence topics.

## BIOGRAPHY

Dianne Quigley, PhD is an Adjunct Assistant Professor of Research at Brown University, Providence, RI and the principal investigator of the NSF-funded Northeast Ethics Education Partnership (NEEP) from 2010 – 2016. Professor Quigley received her PhD in Religion at Syracuse University, concentrating on research ethics for group protections. With NSF funding, she has developed and disseminated graduate courses and course training materials for Ethics, Culture and Community-based Research for Environmental Studies/Sciences, Ethics for Engineers, and Marine Science, Ethics and Policy for multiple universities and through the NEEP website (<http://brown.edu/research/research-ethics>). Professor Quigley has pioneered new ethical approaches for extending human subjects protections to place-based communities and cultural groups and authored important recent publications on this topic in scientific journals. Professor Quigley also holds an Adjunct Assistant Professor appointment with SUNY-ESF, teaching several ethics courses to environmental studies/sciences and engineering students at this campus.