

Title: Cross-disciplinary Communication

Integrated research across disciplines is required to address many of the pressing energy, environment, and economic development problems facing the world. Often the integration involves disparate disciplines and demands collaboration from problem formulation through hypothesis development, data analysis, interpretation, and application. Such projects raise conceptual and methodological challenges that are new to many researchers. Sanford Eigenbrode and Michael O'Rourke have developed the theme that many of these challenges are fundamentally philosophical, a dimension that has been largely overlooked in the extensive literature on cross-disciplinary research and education. Eigenbrode and O'Rourke will present a brief discussion of their "toolbox for philosophical dialogue" and open the floor for discussion from sustainability researchers at Cornell.

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