

## **RESPONSIBLE CONDUCT IN RESEARCH DATA MANAGEMENT**

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In this session, Condon discusses research data management as a key component of research integrity, transparency and reproducibility. Condon offers an interpretation of data management from the information and preservation perspective with the overall aim of re-positioning the conversation within the responsible conduct of research discourse.

Data management involves establishing and implementing strategies for the responsible and sustainable collection and handing, re-use, secure storage, ongoing accessibility and long-term preservation of data. However, we face inherit challenges managing data in a digital and networked environment; for example, technological obsolescence, the quantity of data generated, data sharing and discoverability and skills development. We are also confronted with external pressures such as those from federal funding agencies mandating evidence of sound data management practices and emphasizing the dissemination of data. Examples and cases come from Condon's own experiences and research, and the growing body of literature in the area of research data management.

The session involves an interactive portion in which small groups are given a concept related to data management and asked to deconstruct it in terms of best practices and trends in the IACUC, IBC and IRB communities. The group report-outs are intended to generate a larger group discussion about how we can express the given concepts from the perspective of these communities. The interactive portion reinforces data management as a core area of the responsible conduct of research. At the conclusion of this session, attendees will be more familiar with how concerns around the management of data can impact their communities (IACUC, IBC and IRB) and approaches to addressing responsible conduct in data management in ways that are most meaningful and useful to the researchers we support.