



Online Ethics Center  
FOR ENGINEERING AND SCIENCE

# The Ethics of Data Management

## Author(s)

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## Year

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## Description

This [online module](#) synthesizes ethics concepts, case studies, relevant policy, and best practices to assist the teaching and learning of ethical data practice in science and engineering research. Following the lifecycle of research data management, the module is organized in four related units:

## Notes

We thank Elaine Gustus for instructional design support. The Rock Ethics Institute and the Leonhard Center for the Enhancement of Engineering Education at Penn State University sponsored the development of this module.

## Resource Type

Case Study / Scenario  
Instructor Materials

## Topics

Animal Use  
Bias in Research

Big Data  
Conflict of Interest  
Controversies  
Data Management  
Emerging Technologies  
Human Subjects Research  
Intellectual Property and Patents  
Privacy and Surveillance  
Research Misconduct  
Social Responsibility

**Discipline(s)**

Engineering  
Research Ethics