

LAS 6292: LEGAL AND ETHICAL ISSUES

updated: 2021-05-21

Pre-Class Preparation (Instructor):

Send in an email to students:

- content of any pre-class emails.

Bring to Class:

- Snacks
- Flip charts and markers
- Dry write markers
- Tent cards for student names

Objectives and Competencies:

- Be able to explain the major laws, policies, and ethical guidelines relevant to data collection & management
- Become familiar with relevant concepts and terminology (copyrights, licenses, and waivers)
- Explain the difference between Restricted, Sensitive, and open Data
- Discuss ethical considerations surrounding the use, reuse, and sharing of research data
- Describe the tools and processes available for anonymizing data.

Pre-class Preparation (Students):

Readings

1. de Koning M, Meyer B, Moors A, Pels P. 2019. Guidelines for anthropological research: Data management, ethics, and integrity. *Ethnography*. 20(2):170-174. [read online](#) [download pdf](#)
2. Katie Fortney, UC Office of Scholarly Communication. 2016. "Who owns your data?" [read online](#) [download pdf](#)
3. Goodluck, K. 2020. Indigenous data sovereignty shakes up research. *High Country News*. [read online](#)
4. Woodbury, R. B., Beans, J. A., Hiratsuka, V. Y., & Burke, W. (2019). Data Management in Health-Related Research Involving Indigenous Communities in the United States and Canada: A Scoping Review. *Frontiers in genetics*, 10, 942. [read online](#) [download pdf](#)

Online Lectures:

- Quick Overview [Video Lecture by EB](#)
- [NIH: Statistical methods for protecting data confidentiality](#)
- Patricia Jenkinson Video Seminar on [Ethics: Human Subject Research](#)
- [U.S. Department of Health and Human Services: Informed COnsent Overview](#)
- Australian Council for International Development (ACFID): [Principles and Guidelines for Ethical Research and Evaluation in Development](#)
- [An Overview of NIH Policies on Human Subjects Research](#) Optional, listen at 1.75 speed!

Class Outline

Before we start:

1. [example](#) of a real data clean-up situation for which OpenRefine is ideal

Topic 1 Overview: Anonymization. (10 min)

1. [Guidelines for Data De-Identification or Anonymization](#)

Breakout & Return Results

Breakout (15 min): discussion of case studies

Case study for breakout: [who owns the data?](#)

Returning results & Take-home message (35 min)

1. summary of discussion
2. **Take-home message:** message.

anything before the break? (10 min)

Break (10 min)

Topic 2 Overview: MEME-O-RAMA (10 min)

Guidelines: has to be original, has to illustrate something learned in class, and have to use the meme format more or less properly. Foreign Lang Memes encouraged.

1. examples from a stats class: [link](#)
2. Meme generators:
 - [meme generator 1](#)
 - [meme generator 2](#)
 - [meme generator 3](#)

Free Time

There are 30 min remaining that can be used to —

Tools & Resources

1. Anonymizing Tools
 - [list 1](#)
 - [list 2](#)
 - [Amnesia \(data anonymization algorithms\)](#)
 - De-identification Tools from [NIST](#)
 - [3 Types of Data Anonymization Techniques and Tools to Consider](#)
2. Guidelines
 - [Guidelines for Data De-Identification or Anonymization](#)