**All of Us: Understanding Ethics**

## Overview

These ethics-related questions can be added on to any activity that leverages the [All of Us Data Browser](https://databrowser.researchallofus.org/).

**Duration:** Approximately 1 hour.

## Learning Objectives

1. Identify and critique scientific issues relating to society or ethics (see [GSA](https://genetics-gsa.org/education/genetics-learning-framework/) core competencies).
2. Interpret the ethical, legal, medical, and social implications of biological data (see [NIBLSE](https://qubeshub.org/community/groups/niblse/core_competencies) core competencies).

## Materials and Setup

* Download the student activity as:
  + [Web page](https://genomicseducation.org/module/AOU_ethics_student_guide.html)
  + [Quarto (qmd)](https://github.com/fhdsl/GEMs/blob/main/module/AOU_ethics_student_guide.qmd)
  + [Word (docx)](https://github.com/fhdsl/GEMs/raw/main/docs/docx/module/AOU_ethics_student_guide.docx)
  + [Google Doc](https://docs.google.com/document/d/1Xi1M9icJUJ2pfxp5pOV4yzQUHfQCM8zo/edit?usp=sharing&ouid=116032995747974603894&rtpof=true&sd=true)
* Answer key available [here](https://docs.google.com/document/d/16GiVCWKhVxkKzOUr6XlQ_vdj-tyxBYlIa3lmstzf38Y/edit?usp=sharing). Please message Ava Hoffman (ahoffma2 at fredhutch dot org) to get access.