Week 2 - Due this week

Required Reading

- **Bioinformatics in Tropical Disease Research: A Practical and Case-Study Approach** (http://www.ncbi.nlm.nih.gov/books/NBK6828/) .
  In particular read section 2: *Data Modeling Using the Entity-Relationship Model*
  Ferreira, J. E., and Takai, O. K. (2007). *Chapter A02 - Understanding Database Design*. National Center for Ciotechnology Information. Retrieved from **https://www.ncbi.nlm.nih.gov/books/NBK6828/** (https://www.ncbi.nlm.nih.gov/books/NBK6828/)

Recommend Reading and Video

Chapters 3 & 4 - These chapters go over design, entities and relationships. They talk some about schemas which is a topic for next week, but it should not distract too much from this week's content.

Justin Wolford illustrates the process he uses for modeling a simple situation with ER diagrams in the following video:

Creating an ER Diagram (6:23): (https://media.oregonstate.edu/media/t/0_9ahln4os)

CS340 Term Project

Now would be a good time to read **CS340 Project Guide (https://oregonstate.instructure.com/courses/1727186/pages/cs340-project-guide)** if you already haven't.

Quiz 1

Quiz 1: Databases & ERD (Due Sun, Week 2) (https://oregonstate.instructure.com/courses/1727186/quizzes/2469274)

Project Step 1

Project Step 1: Project Outline + Database Outline (Due Sun, Week 2) (https://oregonstate.instructure.com/courses/1727186/assignments/7471316)

Survey

If you'd like to share your thoughts about this week, please take the **Week 2 Survey (https://oregonstate.instructure.com/courses/1727186/quizzes/2469282)**