Exercise 1 – Ready Set Data!  Slide 7

Go online and look at one of the following five repositories:

- Harvard DataVerse - [https://dataverse.harvard.edu/](https://dataverse.harvard.edu/)
- NeuroMorpho – [http://neuromorpho.org](http://neuromorpho.org) – Search metadata or keyword
- Qualitative Data Repository -- [https://qdr.syr.edu/](https://qdr.syr.edu/) -- Discover → Search Data

Questions?

1. How does this data differ from what you are familiar with? By format, size, access?

2. Does the collection have a codebook or data dictionary? Other documentation?

3. Explore the metadata representing the collection. Besides the title and description, what other elements are described?
Exercise 2 – Metadata and Documentation, Slide 22

Look at an example of a good quality metadata record:

*Long-term variation of surface phytoplankton chlorophyll a in the Southern Ocean during 1965-2002*

Questions:

1. Why do you think this metadata record is considered high quality?

2. What metadata helps discovery and reuse of the data?

3. Why do you think that metadata is often neglected?
Exercise 3 – Data Management Plans (DMP), Slide 24

Go to the DMPTool at https://dmptool.org

Questions:

1. Click on the link for Public DMPs. Review 2-3 Data Management Plan samples. What are 2 to 3 pieces of information that are essential to a DMP? Why?

2. Log in to your DMPTool account and review the NIH Generic and the NSF Generic templates. What are the strengths and weaknesses of the NIH template and the NSF template?
Choose one of the following:

- **PLOS One data policy** – [http://journals.plos.org/plosone/s/data-availability](http://journals.plos.org/plosone/s/data-availability) and review their policy

- **Dryad** – data repository that integrates data and articles -- [http://datadryad.org/pages/journalLookup](http://datadryad.org/pages/journalLookup) and look up a journal you are familiar with and see what advice it gives on submitting data and link. Also look at FAQ - [http://datadryad.org/pages/faq](http://datadryad.org/pages/faq)

Questions:

1. Was the policy you looked at clear?

2. If you were going to submit data, did you understand what you needed to do?