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## Research Data Management at USU

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# Research Data Management @ USU

Betty Rozum, Data Librarian

Andrea Payant, Metadata Librarian



# USU's Research Data History



- We started in 2013, but really got going in 2015
  - 2013 – Campus wide committee
  - 2015 - Created Data Librarian position
  - 2015 – Set priority as compliance with 2013 OSTP Memo
  - Fall 2015- Fall 2016 – Developed compliance program
  - Fall 2016 – Launched Compliance Program
  - Dec. 2016 – Survey of USU Faculty re: Data Needs
  - 2017 – Launched RDMS@USU website
  - Fall 2019 – Assessment of of Compliance Program



# What we do

- Standard Resources and Services
  - Website: [Research Data Management @ USU](#)
  - Consultations
    - Data Management Plans
    - Archiving Data
    - Data agreements, data storage, cleaning, misc.
  - Instruction
    - Classes, Labs, Faculty

# What we do

- Not so standard
  - Annually communication with every researcher with an award with data sharing requirements
    - Document when and where they deposit data and publications
    - Offer assistance
      - Create a culture at USU that both states compliance is expected and informs researchers of resources available to assist them in the process
  - Data Club
    - A few times a semester, researchers who are avid about data are invited to an informal lunch where we talk about data. Sometimes I invite the CIO or VPR.
    - Helps me learn what is happening and what is important on campus

# My Top Three: Elevator Speech

- Back it up
- Describe it
- Be able to find it

# Back it up

- Back up your data: Rule of 3
  - **Three Copies** of your files on **Two Different Locations** with **One - More than One Storage Media**

# Back it up...you don't want...

- [Data Horror Stories](#) and [more Data Horror Stories](#)
  - Use these as examples to show your students and faculty what can happen when data is lost
    - [Reward for stolen Royal Oak wreck data laptop](#) – oh, backed up to another site would have been handy



# Two: Describe your Data



- Describe your data (Andrea!!)
  - From collection to deposit
  - How were the data collected?
  - What would another researcher need to know about your data in order to use it again?
    - Limitations of the data
    - Data cleaning process(es)
    - Scripts used (even the little bits)
  - Do you have a README for your data?
- Does the Repository you use require specific metadata schema?

# Three: Organize your Data



- Organize your data – file names, directory structure
- It's for your benefit, not mine...



PRO TIP: NEVER LOOK IN SOMEONE ELSE'S DOCUMENTS FOLDER.



# If you want to learn more: Favorite Readings & Resources

- Here's a [list](#) of some of my favorite resources.

