10-4-2019

Research Data Management at USU

Betty Rozum  
_Utah State University_

Andrea Payant  
_Utah State University_

Follow this and additional works at: https://digitalcommons.usu.edu/lib_present

Part of the Library and Information Science Commons

Recommended Citation  
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 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 communicate 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.

**OH MY GOD.**
If you want to learn more: Favorite Readings & Resources

- Here’s a list of some of my favorite resources.