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Research Data Management at USU

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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...

- <u>Data Horror Stories</u> and <u>more Data Horror Stories</u>
 - 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



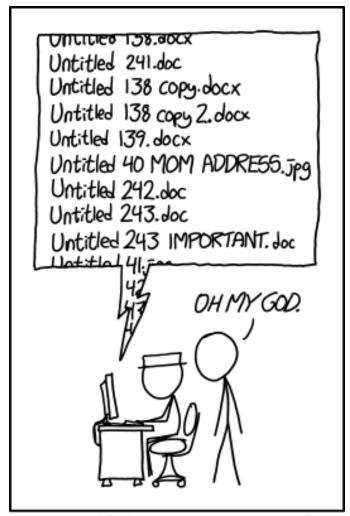
Two: Describe your Data

- 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?

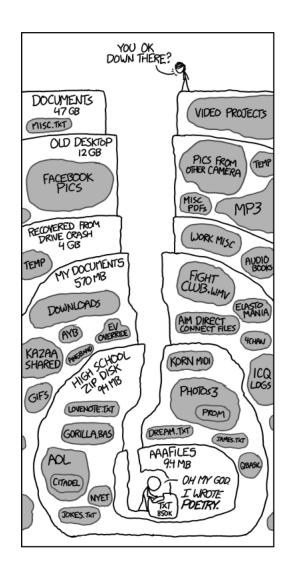
Three: Organize your Data

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





PROTIP: NEVER LOOK IN SOMEONE. ELSE'S DOCUMENTS FOLDER.





If you want to learn more: Favorite Readings & Resources

■ Here's a <u>list</u> of some of my favorite resources.

