

October 2022 Data-Facing Call

Date: October 3, 2022 Time: 10am PST / 11am MST / 12pm CST / 1pm EST

Call coordinators: Amy Koshoffer, Deb McCaffey, Venice Bayrd, Sean Cleveland

Title:Teaching Research Data Management (RDM) to Students.

Presenter: Panel: Megan O'Donnell (Iowa State), Clara Llebot Lorente (Oregon State), Dessislava Kirilova (Qualitative Data Repository), and Venice Bayrd (Montana State)

Description: Research Data Management (RDM) skills have become more and more important as funding agencies have increased scrutiny on data management plans and begun nudging FAIR guidelines and other best practices. However, RDM skills training may not be an integrated part of many graduate research curriculums. Panelists from the CaRCC community will participate in a facilitated discussion highlighting their experiences teaching RDM. Topics will include:

- *What kinds of successful instruction formats and strategies have you used in teaching graduate students about research data management?*
- *What has been the biggest challenge you have dealt with in relation to training and teaching RDM?*
- *How do data repositories, and data set curation, impact graduate students?*
- *How do you assess the impact of RDM instruction and guidance?*
- *What are some of the data curation decision points that impact/intersect with Research IT resources, either in the data management planning process, or elsewhere in the research data lifecycle?*
- *How do you address the IT component of data management? E.G. policies, security, storage, access, movement, backup.*

[CaRCC Code of Conduct](#)

Announcements:

- Accessibility
- About CaRCC
- Cursor garden
- Steering committee
 - email df-coordinators@carcc.org if interested

Slide Link: N/A

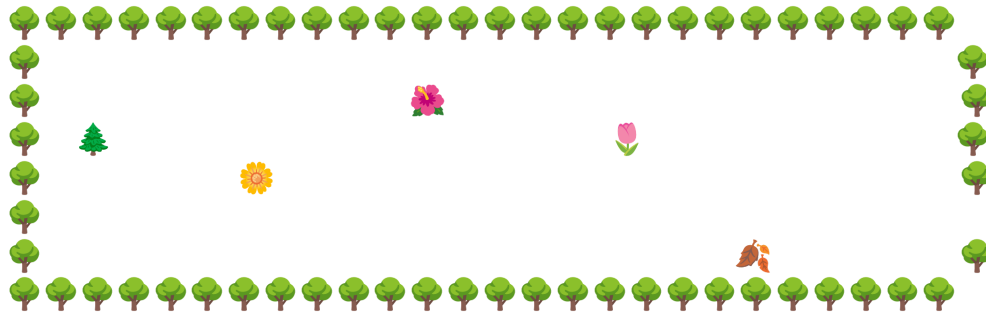
CaRCC YouTube Channel (today's call will be added soon):

https://www.youtube.com/channel/UCMU1PEMM7V4X_KtPDcfB6HA

NOTE: This document is publicly accessible. The link to the Google Drive folder containing this document is posted on the Track Webpage. Please keep that in mind when entering information.

Cursor garden

Cursor Garden ↘ “Don't leave your cursor in a seedy alleyway”



Sign-in (Name / Affiliation / E-mail):

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47. Jacobus Kats / UC Riverside / bart.kats@ucr.edu
48. Torin White / University of Illinois Chicago / torinw@uic.edu

Max join: 60

Session Notes

<https://dcwizard.library.oregonstate.edu/>

<https://datacurationnetwork.org/>

<https://mitpress.mit.edu/9780262529914/big-data-little-data-no-data/>

The link to Christine Borgman's book if people are interested, [_Big Data, Little Data, No Data_](#).

<http://mitpress.mit.edu/9780262529914/big-data-little-data-no-data/>

Questions

- Can you please share information about the upcoming NSF changes that were mentioned?
 - NSF or NIH - NIH has a policy change coming - <https://sharing.nih.gov/>
 - There is the Nelson memo that applies across funding agencies as well: <https://www.whitehouse.gov/wp-content/uploads/2022/08/08-2022-OSTP-Public-Access-Memo.pdf>
- Are there other organizations on campus doing data management?
 -
- How to start with building a DM program? librarians??
 - Finding out who can do what and who can help is 1st step.
 - Invite each other to meetings and to help with things!
 - Take use cases and develop life-cycle templates for determining storage requirements at each stage.

From Megan:

Here's one way I've collaborated with IT - they added information about common Box questions/trouble points after I shared the things I get the most questions about:

https://iastate.service-now.com/it?kb_id=67718b0fdb93485021c022d4059619e2&id=kb_category&kb_category=6bdb3b5dbe9a090488b29e1ca961911

Chat

00:18:29 Megan O'Donnell: (big thank you for everyone signing in, really cool to know who's in the audience)

00:29:41 Clara Llebot Lorente: <https://dcwizard.library.oregonstate.edu/>

00:31:31 Megan O'Donnell: Side note about successful training: tone and approach is important; I teach data management as a problem we're all addressing and share my own failures when I teach.

00:37:14 Megan O'Donnell: +1 on Clara's point.

00:37:53 Amy Nurnberger (she/her) [MIT]: Same - we've really tried to develop along with our liaisons to get better on this

00:40:10 Dessislava Kirilova: I like this approach (leveraging expertise from different domains / data types / software languages) to dealing with this challenge: <https://datacurationnetwork.org>. I am not affiliated with them, but think what they do is helpful.

00:40:19 Amy Nurnberger (she/her) [MIT]: Thank you!

00:40:32 Venice Bayrd: You're welcome!

00:43:41 Megan O'Donnell: I've only had 2 faculty push back on requirements over 4 years, and both were at launch

00:54:08 Megan O'Donnell: Tools used to collect data are also really important; a lot of field work is gathered on ipads now, so making sure that data has quality control and is exported and checked regularly is really important.

00:55:16 Sean Anderson: Can you please share information about the upcoming NSF changes that were mentioned?

00:55:49 Dessislava Kirilova: I think Amy was talking about the 2023 NIH Data Management and Sharing Policy, not NSF.

00:56:12 Dessislava Kirilova: <https://sharing.nih.gov>

00:56:20 Venice Bayrd: There is the Nelson memo that applies across funding agencies as well:
<https://www.whitehouse.gov/wp-content/uploads/2022/08/08-2022-OSTP-Public-Access-Memo.pdf>

00:56:47 Sean Anderson: Many thanks.

00:57:10 Venice Bayrd: The link to Christine Borgman's book if people are interested, _Big Data, Little Data, No Data_.
<http://mitpress.mit.edu/9780262529914/big-data-little-data-no-data/>

00:58:51 Megan O'Donnell: The latest OSTP memo scares the pants off of me because idk where or how we're going to share and store all that data.

00:59:09 Megan O'Donnell: (it's also very exciting, but we're a small unit)

01:01:19 Megan O'Donnell: Here's one way I've collaborated with IT - they added information about common Box questions/trouble points after I shared the things I get the most questions about:
https://iastate.service-now.com/it?kb_id=67718b0fdb93485021c022d4059619e2&id=kb_category&kb_category=6bdbcb3b5dbe9a090488b29e1ca961911

01:01:37 Megan O'Donnell: (hopefully the link works)

01:08:21 Megan O'Donnell: "what is all this data?" <-- I feel we can all relate to this

01:09:58 Dessislava Kirilova: As (an important) side note -- and I understand this is not the focus of this crowd -- but as someone who also studies the role of IRBs in all this, I would make a recommendation to bring in a representative of that type of office (or more generally Research Integrity or HRPP) into these kinds of collaborations on campus...

01:09:59 Amy Nurnberger (she/her) [MIT]: yessssssssssss

01:10:30 Megan O'Donnell: Yes, get the Office of Research Ethics, or whatever it is called locally, involved.

01:10:32 Venice Bayrd: +1 Dessi

01:10:55 Rick Tuthill: Thank you for the advice, very helpful and a lot to consider!

01:10:57 Deb McCaffrey: +2 Dessi

01:11:06 Megan O'Donnell: Good luck Rick!

01:11:10 Wendy Mann: Thank you!

01:11:11 Ken Taylor UIUC: Great discussion, thanks!