

Programming &  
Outreach

# Open Science Workshop Series

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#COPPULSC21



# Open Science Workshop Series

- Six-part series of hour-long workshops on open science, held in February and March 2021
- Weekly topics:
  - Overview
  - Open Access
  - Open Data
  - Open Science & the Public
  - Predatory Publishers
  - Open Data Visualization Tools & Initiatives

# Why a series on open science?

- Interest is growing in open science across our institution
  - Newly adopted **Tri-Agencies Research Data Management Policy**
    - UM is developing their institutional strategies, including data management plans and data deposit
  - Funding for UM Libraries for open educational resources
- Fit into our existing researcher workshops held during Winter and Fall terms, focused on faculty and graduate students

# Planning

- Asked librarians to present on selected topics, aligned to their areas of expertise
  - Independence for presenting librarians
- Promotion
  - Created series description and logo
  - Promoted through library mailing lists and social media
  - Same day, same time every week for six weeks
    - “Tuesdays at 12pm!”



# Delivery

- Hosted in GoToWebinar
- Leverage the benefits of online sessions
  - Recorded and edited workshops and posted to the UM Libraries' YouTube channel: <http://bit.ly/OSSPlaylist>
- 9 attendees on average (this is good for our workshops!)
- Positive feedback on attendee surveys

# Looking ahead

- Consider other topics
  - Tools throughout the research lifecycle
  - More open science (e.g. open educational resources, data management)
- Find different ways to promote series
- Find other ways to engage faculty and students with open science concepts
- Great way to collaborate across library system with colleagues!

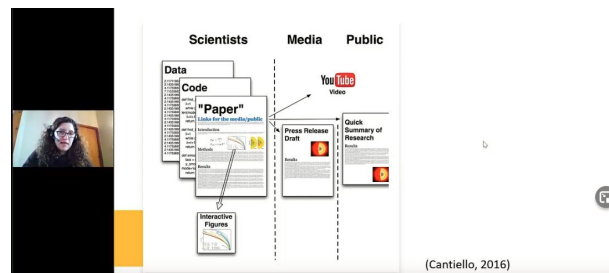
# Thank you!

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## Open Science

- Increased rigour, accountability, and reproducibility.
- Requires a large number of structural changes to the traditional research lifecycle and your academic practice.
- Important to recognize "open science" is inclusive and includes all disciplines! Humanities and Social Sciences are involved as well.

FOSTER Open Science. (2018). Open science training handbook. <https://book.fosterscience.org/>



(Cantiello, 2016)

## Grace Romund

### Benefits of Open Data

**Support for innovation** - Access to data supports innovation in the private sector by reducing duplication and promoting reuse of existing resources.

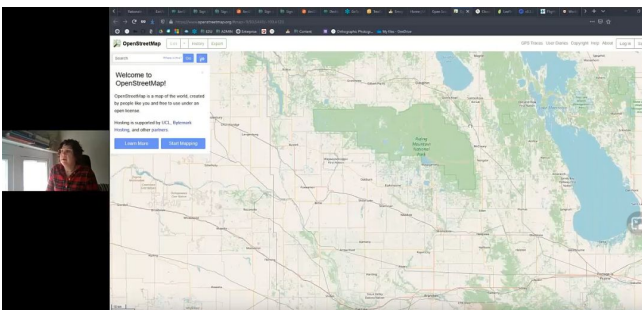
**Support for research** - Access to federal research data

# Thanks to all of the UM librarians for their help!

## History of the Open Access Movement

- Concept existed before the term Open Access (OA) was formally coined
  - E.g.: Arxiv in 1991
- Formally developed in the early 2000s
  - [Budapest Open Access Initiative](#) (2002)
  - [Bethesda Statement on Open Access Publishing](#) (2003)
  - [Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities](#) (2003)
- Open Access continues to become more commonplace

## Maureen Babb



## Meg Miller