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Write Your Effective Data Management Plans (DMPs) with DMPTool (Library Workshop)

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Write Your Effective Data Management Plans (DMPs) with DMPTool

Research Data Management Working Group

Fall 2020



Presentation Housekeeping...

- Please enter questions into the chat and they will be answered during a Q&A session at the end of the presentation.
- You can also email questions following this presentation to rdm@rowan.edu (Email and contacts will be shared on the final slide again).
- The slides will be made available online following the presentation on the <https://libguides.rowan.edu/libraryworkshops> web page.





Overview

- Research Data Management Working Group at Rowan U.
- What are Data Management Plans (DMPs)?
- What is the Data Management Plan Tool (DMPTool)?
- Who can use the DMPtool?
- What are the benefits of using DMPtool to create a effective DMPs?
- Demo



Who and what is the Research Data Management Working Group at Rowan University?

Meet the Research Data Management Collaborative Team at Rowan

Shilpa Rele, Scholarly Communication & Data Curation Librarian, Rowan University Libraries

Benjamin Saracco, Research & Reference Librarian, CMSRU Library

Robert Hilliker, Interim Associate Provost for Libraries, Director of Research, Engagement and Scholarship, Rowan University Libraries

Stephen Robishaw, Manager of Proposal Development, Division of University Research

Stephanie Lezotte, Director of Strategic Research Initiatives and Outreach, Division of University Research

Leonard Nelson, Information Security Officer, Information Resources and Technology

Mark Sedlock, Senior Director of Infrastructure Services, Information Resources and Technology

- The Research Data Management Working Group (RDM WG) group was formed as a result of findings gleaned from a research data needs assessment survey sent out to the University in Fall 2018.
- RDM WG is charged with reviewing, recommending and implementing policies, services and infrastructure as they relate to supporting the research data lifecycle at Rowan University.

Learn more at: go.rowan.edu/rdm



RDM Survey Findings

- Need for **comprehensive campus solution(s) for data storage and preservation**
- Need for **support for writing effective Data Management Plans**
- Need for **tools for sharing research data** (to also meet funding agency requirements)
- Need **assistance with metadata best practices**



What are Data Management Plans (DMPs)?

- Data acquired or produced during research
- Management, description and storage of data
- Standards/best practices used
- Handling and protection of data during/after project
- Meeting funder requirements (data management can be a grant budget item)
- Re-use of data, if shared



What is the DMPTool?

“The DMPTool helps researchers create data management plans (DMPs). It provides guidance from specific funders who require DMPs, but the tool can be used by anyone interested in developing generic DMPs to help facilitate their research.”



<https://dmptool.org/>



What is the DMPTool?

Selection of funding agencies with templates and guidance in the DMPTool:

Funder

Alfred P. Sloan Foundation
Gordon and Betty Moore Foundation (GBMF)
Gulf of Mexico Research Initiative (GoMRI)
Institute of Education Sciences (US Dept of Education IES)
Institute of Museum and Library Services (IMLS)
Joint Fire Science Program (JFSP)
National Aeronautics and Space Administration (NASA)
National Endowment for the Humanities (NEH)
National Institute of Justice (DOJ)
National Institute of Standards and Technology (NIST)
National Institutes of Health (NIH)
National Oceanic and Atmospheric Administration (NOAA)
National Science Foundation (NSF)
Tetiaroa Society
U.S. Department of Agriculture (USDA)
United States Department of Defense (DOD)
United States Department of Energy (DOE)
United States Department of Transportation (DOT)
United States Geological Survey (USGS)
University Corporation for Atmospheric Research (UCAR)



Who can use the DMPtool and who would benefit from using it?

- DMPTool is free for anyone to create data management plans. As a user, you can:
 - Create your own plans.
 - Co-author a plan with collaborators within or outside of Rowan University
 - As a researcher at Rowan University, you can log in using your Rowan institutional credentials. You may then be presented with institution-specific guidance and have the option to get feedback from local data experts.



What are the benefits of using DMPtool to create a effective DMPs?

- Higher quality DMPs result in higher chances of receiving external funding
- They lead to more reproducible research
- They increase the chances of success for your research project (avoid data loss or incompatibility)
- Increase chances for future funding



Guidance for creating DMP's

- Research Data Management Libguide
 - Best Practices for Managing research data
 - Data Literacy
 - Data Sharing and Publishing
 - Data Ownership

<https://libguides.rowan.edu/researchdatamanagement/home>



DEMO

<http://dmptool.org>

Q&A Session



Thank you

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