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AAU-APLU Accelerating Public Access to Research Data Conversation Series

Session 2: Making Sure the Institution has the Resources and Infrastructure to Do it Right
Thursday, May 13, 2021

RESOURCES

Research Data Services

Arizona State University

- Knowledge Enterprise - Research Data Management: <https://research.asu.edu/>

Carnegie Mellon University

- Data services that includes federal and private funding agency requirements for public access: <https://www.library.cmu.edu/datapub/dms/services>

Cornell University

- Research Data Management Service Group: <https://data.research.cornell.edu/>

Duke University

- Research Data Repository (includes guidelines, policies) <https://research.repository.duke.edu/>

Iowa State University

- Institutional Repository and step-by-step guides for deposition: <https://instr.iastate.libguides.com/datashare/home>

Montclair State University

- Institutional repository: digitalcommons.montclair.edu

Pennsylvania State University

- Data archiving resources: data.psu.edu

University of Arizona

- Data Cooperative: <https://data.library.arizona.edu/>

University of California San Diego

- Data Services: <https://library.ucsd.edu/research-and-collections/data-curation/>

University of Colorado at Boulder

- Center for Research Data and Digital Scholarship: <https://www.colorado.edu/crdds/>

University of Illinois at Urbana Champaign

- Illinois Data Bank for public access: <https://databank.illinois.edu/>

University of Massachusetts Amherst

- Institutional Repository: <https://scholarworks.umass.edu/data/>

University of Michigan

- Institutional Repository: <https://deepblue.lib.umich.edu/data/>

University of Minnesota

- Research Data Services: <https://www.lib.umn.edu/datamanagement>

University of North Carolina at Greensboro

- University Libraries Data Services: Research Data Management <https://uncg.libguides.com/rdm>

University of Southern California

- Online tools and resources to help researchers collaborate, communicate, create and catalogue: <https://digital.usc.edu/>

University of Texas at Austin

- Texas Data Repository: <https://texasdigitallibrary.atlassian.net/wiki/spaces/TDRUD/pages/289144946/About>

University of Utah

- Research Data Repository: <https://hive.utah.edu>

University of Virginia

- Institutional repository: <https://dataverse.lib.virginia.edu/>
- Data services: <https://data.library.virginia.edu/>

Utah State University

- Data deposition guidance: <https://datamanagement.usu.edu/agency-requirements/usu-procedures>
- Institutional repository: <https://digitalcommons.usu.edu/>

Costing Models

Campus Research Computing Consortium

- Research Computing and Data Capabilities Model: <https://carcc.org/rcdcm/>

National Institute of Standards and Technology (NIST)

- Research Data Framework (RDaF) contains both a research data ecosystem and data lifecycle approach: <https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.1500-18.pdf>

National Academies of Sciences, Engineering, and Medicine

- Life-Cycle Decisions for Biomedical Data - The Challenge of Forecasting Costs: <https://www.nationalacademies.org/our-work/forecasting-costs-for-preserving-archiving-and-promoting-access-to-biomedical-data>

Research Workflow Models

- University of Central Florida: Research Lifecycle: <https://library.ucf.edu/wp-content/uploads/sites/5/2017/06/research-life-cycle.png>
- University of Washington: Project Lifecycle: <https://www.washington.edu/research/wp/wp-content/uploads/2017/08/Research-Project-Lifecycle-banner08.10.17.pdf#page=2>
- National Academies *Open Science By Design* research life cycle: <https://www.nap.edu/resource/25116/Open%20Access%20by%20Design-ReportHighlights.pdf#page=3>
- [Data Curation Centre: Curation Lifecycle Model](#)
- [DataONE Best Practices Through the Data Life Cycle](#)
- [DDI Alliance: Research Life Cycle](#)
- [ICPSR Data Life Cycle](#)
- [USGS Science Data Life Cycle Model](#)

Resources for Data Management Best Practices in Research Universities

- Johns Hopkins University Libraries - Data Management Resources: <http://dms.data.jhu.edu/data-management-resources/>
- MIT Data Management - MIT Libraries <https://libraries.mit.edu/data-management/>
- Stanford University Libraries - Data Best Practices: <https://library.stanford.edu/research/data-management-services/data-best-practices>
- University of Minnesota Libraries - Managing Your Data: <https://www.lib.umn.edu/datamanagement>
- University of Oregon - Best Practices for DMPs: <https://researchguides.uoregon.edu/data-management/services>
- DataONE Best Practices: <https://www.dataone.org/all-best-practices>
- Digital Curation Centre – RDM Guidance (UK and select US universities): <http://www.dcc.ac.uk/resources/policy-and-legal/rdm-guidance-webpages/rdm-guidance-webpages>
- The UK Data Archive - Create and Manage Data: <http://data-archive.ac.uk/create-manage>

Resources for Creating a Data Management Plan (DMP)

- DataOne - [Primer on Data Management: What you always wanted to know](#)
- DataOne - [Data Management Guide for Public Participation in Scientific Research](#)
- Digital Curation Centre (UK) - [DMP Checklist](#)
- Digital Curation Centre (UK) - [DMP guidance and examples](#)
- DMPTool (US) - [Public DMPs](#)
- Interuniversity Consortium for Political and Social Research (ICPSR) - [Framework for creating a DMP](#)
- Interuniversity Consortium for Political and Social Research (ICPSR) - [DMP Examples](#)
- National Endowment for the Humanities (NEH) - [Data Management Plans from Successful Grant Applications](#)