



Expanding Library Capacity and Facilitating Reuse through a Consortial Data Repository

Workshop on cyberinfrastructure and machine learning
for digital libraries and archives, June 3, 2018

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Texas Data Repository

Hosted by Texas Digital Library

Launched in late 2016 as a platform for publishing and archiving research data produced by the faculty, staff, and students of higher education institutions in Texas.

Adopted by 11 members, representing institutions of widely different sizes and means. Liaisons from each make up the TDR Steering Committee.

Utilizes Harvard's open-source Dataverse platform.



TDR Steering Committee

- Jessica Trelogan, Past Chair, University of Texas at Austin
- Matthew McEniry, Chair, Texas Tech University
- Laura Waugh, Chair-Elect, Texas State University
- Christina Chan-Park, Baylor University
- Anna Dabrowski, Texas A&M University
- Nerissa Lindsey, Texas A&M International University
- Laura McElfresh, Texas A&M University-Galveston
- Dianna Morganti, Texas State University
- Peace Ossom Williamson, University of Texas at Arlington
- Adam Townes and Santi Thompson, University of Houston
- Edward Warga, Texas A&M University-Corpus Christi
- Amanda Zerangue, Texas Woman's University
- Courtney Mumma, Deputy Director, Texas Digital Library



Working Groups


Training & Outreach

Provide resources to administrators, librarians, and researchers.

Assessment

Compile reports and data from institutions, groups, and individual users.

Contributions here help overall Dataverse community.





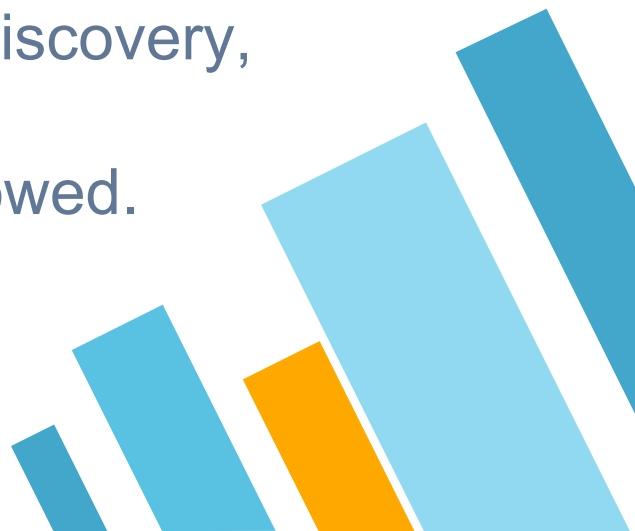
Dataverse

<https://dataverse.org/>





Capabilities for TDR

- » Supports research data management efforts.
 - » Small scale data repository with discovery, sharing, and publishing tools.
 - » Any discipline, any type of file allowed.
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The background features a landscape of rolling mountains under a warm, orange-hued sky, suggesting a sunset or sunrise. In the top-left corner, there are several overlapping, semi-transparent rectangular bars in shades of orange and yellow, arranged in a fan-like pattern. In the bottom-right corner, there are several overlapping, semi-transparent rectangular bars in shades of blue and purple, also arranged in a fan-like pattern.

THE BIG DATA GAP



Texas Tech University

Solving the Problems of Not Enough and Too Much


- » Difficulties with depositors' lack of interest and protecting their data
- » HIPAA & FERPA requirements
- » Library working with Central IT & HPCC on a Research Data Management System to address big data needs



University of Houston



Gaps in the Research Data Preservation

- » The preservation of large scale data sets is currently unaddressed
 - » Advanced computing and University IT see preservation of large scale datasets as outside their respective scopes
 - » Dataverse/TDR could fill this preservation gap, but current functionality and storage limits prohibit preservation of large scale data
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University of Texas



TEXAS

Pushing Limits and Breaking Things

- » Vigorous outreach campaign was a huge success -- can we handle it?
 - » Addressing scale through partnerships
 - Internal: skilling up liaisons, spreading effort
 - External: campus partners, Texas partners
 - » Researcher deposit model takes burden off me, but...
 - Quality? Enforcing policy limits?
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THANKS!

Any questions?

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