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Lisa Johnston
University of Minnesota - Twin Cities

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Curating Research Data in DRUM
A workflow and distributed staffing model for institutional data repositories
Lisa R. Johnston, University of Minnesota – Twin Cities

Data Repository for the University of Minnesota (DRUM)
http://z.umn.edu/drumposter

- Open access IR-based data repository
- Beta launch November 2014
- Official campus launch March 2015
- Accepts datasets from our large and diverse academic community (no fees)
- All datasets are curated based on established procedures
- DRUM staffed by a distributed staffing model for data curation to handle the wide variety of data sets.

Distributed Data Curation
Curators are assigned incoming submission based on subject area and data type; they review the data for usability and quality issues and work directly with the data authors to enrich the submission. Curation skills include generating custom metadata, arrangement and description of the objects, software-specific expertise, and file transformation for preservation needs.

**Curated DRUM Submissions (Blue) vs. Uncurated Dataset Holding in Institutional Repository (Red) by Publication Date**

**DRUM Curation Assignments per Curator (n=51)**

**Feedback from DRUM Submitters Post-Curation (n=17)**

Reference

Conclusion
An institutional data repository has the burden of collecting a diverse array of digital data, but, with appropriate staffing and careful procedures, each dataset (regardless of its distinctiveness) can be enriched for dissemination and reuse.