

Big Data, Small School: Growing Digital Curation Services at a Liberal Arts University

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Data Support Services

Data Management Plan (DMP)
Writing and Consultation

Institutional Repository for
'Homeless Data'

Data Management Education

Additional Projects on a
Case-by-Case Basis



Initial Uptake

Edited DMP for Chemistry Faculty

Working with Biology Faculty on
creation of Vertebrate Hormone
Database

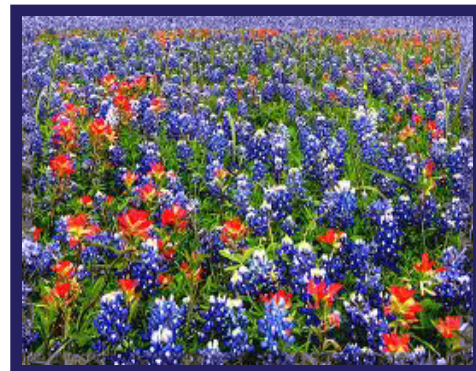
Coming Soon

Data Management Training for
Summer Research Students

Confocal Microscopy Data to be
Stored in Digital Commons

Mellon-Funded Digital Humanities
Projects

One-on-one Faculty Consultation
on Data Management Issues



THE TAKE-AWAYS

Collaboration is Key: Library,
Campus Services, and Faculty

Capitalize on Existing
Relationships

Leverage Your Small Size for Quick
Development of Services

Commit to Small Services with
Room to Grow and Tier Services to
Constituents' Needs

Don't Forget the Humanities: Data
Comes in Many Forms

Train Liaison Librarians to Reach
Out to Departments

Use Third Party Services to Fill
Resource Gaps (e.g. bepress IR)

Target Faculty AND Students

Focus on Summer Research
Students



THE PROCESS

Fall 2012:

Formed the Team:

Two Science Liaison Librarians
University Archivist
Head of Discovery Services

Collaborated with:

Coordinator of Research Programs

Designed Cross-Disciplinary Focus Groups:

10 faculty members with heavy
research output (Biology, Religion,
Classical Studies, Art/Art History, Busi-
ness Administration, Chemistry)

Focus Groups Addressed:

Data created (size, type, format)?
Storage location of the data?
Management of data?
Data Management Plans?
Other concerns/needs?

Designed Service

Fall/Spring 2013:

Outreach

Trained liaisons to talk with faculty
Disseminated service to campus by
email, libguide, and in person

Suggested Resources

General:

DataONE Resources

<https://www.dataone.org/resources>

UK Data Archive's Create and Manage Data

<http://www.data-archive.ac.uk/create-manage>

Research Data Curation Bibliography by Charles W. Bailey, Jr.

<http://digitalscholarship.org/rdcb/rdcb.htm>

Data Management:

DMPTool

<https://dmp.cdlib.org/>

Data Management and Publishing (MIT)

<http://libraries.mit.edu/guides/subjects/data-management/index.html>

Managing Your Data (University of Minnesota)

<https://www.lib.umn.edu/datamanagement>

Introduction to Intellectual Property Rights in Data Management

<https://confluence.cornell.edu/display/rdmsgweb/introduction-intellectual-property-rights-data-management>

Some Articles Useful In Developing Our Approach:

Reznik-Zellen, Rebecca C. et al. (2012). "Tiers of Research Data Support Services." Journal of eScience Librarianship 1(1): Article 5. <http://dx.doi.org/10.7191/jeslib.2012.1002>

Goldstein, Sarah and Oelker, Sarah K. (2011). "Planning for Data Curation in the Small Liberal Arts College Environment," Sci-Tech News 65(3): Article 4. <http://jdc.jefferson.edu/scitechnews/vol65/iss3/4>

Scaramozzino, Jeanine Marie, Ramirez, Marisa L., and McGaughey, Karen J. (2012). "A Study of Faculty Data Curation Behaviors and Attitudes at a Teaching-Centered University," College & Research Libraries 73(4), 349-365. <http://crl.acrl.org/content/73/4/349.abstract>

Lori Janke, Andrew Asher, and Spencer D.C. Keralis (2012) The Problem of Data. Council on Library and Information Resources (CLIR) Report, pub. #154. ISBN 978-1-932326-42-0

Trinity's Data Support Services Page:

<http://libguides.trinity.edu/datasupportservices>

Resources Used in Our Presentations

University of Illinois at Urbana-Champaign. (2012). "Specialization in Data Curation." Retrieved from http://www.lis.illinois.edu/academics/programs/specializations/data_curation

Brown flax seeds: https://commons.wikimedia.org/wiki/File:Brown_Flax_Seeds.jpg

Strawberry greenhouse: http://commons.wikimedia.org/wiki/File:Strawberry_greenhouse.jpg

Hands in soil: <http://commons.wikimedia.org/wiki/File:HandsInSoil.jpg>

Bluebonnets in Texas: http://commons.wikimedia.org/wiki/File:Bluebonnets_en_Texas_2.JPG

Convallaria majalis: http://commons.wikimedia.org/wiki/File:Convallaria_majalis_IP0404087.jpg

Artistic Bluebonnets: <http://www.flickr.com/photos/thecrazysquirrel/452467569/in/gallery-texasbluebonnetsightings-72157629280186312/>