Brianna Marshall
Digital Curation Coordinator

scholarly communication + research libraries

Image courtesy of Flickr user UWMadArchives
about me

Digital Curation Coordinator

Research Data Services (75%)
MINDS@UW (25%)
+ digital scholarship miscellany (?)

WHEN I DON'T EVEN UNDERSTAND THE JOB TITLES
Digital Library Services

MINDS@UW

What Is MINDS@UW?

MINDS@UW is designed to gather, distribute, and preserve digital materials related to the University of Wisconsin's research and instructional mission. Content may include research papers and reports, pre-prints and post-prints, datasets and other primary research materials, learning objects, theses, student projects, conference papers and presentations, and other born-digital or digitized research and instructional materials.

It is not intended to support the public accessibility and preservation of official institutional or campus records that would not normally be published in the course of university business.

The Libraries

Libraries and librarians throughout the UW System provide support to new communities on MINDS@UW:

- setting up community structures
- guiding communities in describing their content for readers
- providing rights and permissions advice
- assisting with batch imports and file-format issues

MINDS@UW's technical infrastructure and digital preservation program are managed by the University of Wisconsin Digital Collections Center (UWDCQ) and DoIT.

How does MINDS@UW benefit you?

- Fast dissemination of your work worldwide
- Full-text search
- Indexed by Google, Google Scholar, and other specialty academic search engines
- Increased visibility for research and teaching activities in departments and research centers
is this the scholarly communication landscape?
is this the scholarly communication landscape?
is this the scholarly communication landscape?
I HAVE NO IDEA WHAT I'M DOING
“the system through which research and other scholarly writings are created, evaluated for quality, disseminated to the scholarly community, and preserved for future use”

-Association of Research Libraries
…. and when all the stuff in this presentation becomes fully integrated into the library, we’ll just call scholarly communication RESEARCH services*
…. and when all the stuff in this presentation becomes fully integrated into the library, we’ll just call scholarly communication

RESEARCH services*

*see also:
→ digital scholarship (AKA scholarship)
→ digital humanities (AKA humanities)
→ open science (AKA science)
ch-ch-ch-ch-changes
key differences

• Open (access + reuse)
• Moving beyond the impact factor
• Transparency of review process
• Encouraging community conversation
• Publishing broader results (e.g. negative)
• Focus on reproducibility
new federal requirements codify openness into policy
publishing models
methods of sharing

[ repositories ]

figshare
credit for all your research

DRYAD

zenodo

[ academic networks ]

Academia.edu
share research

Mendeley

ResearchGate
altmetrics

Image used courtesy of Wellesley College: http://www.wellesley.edu/lts/research/projects/emergingtech/altmetrics
community/disciplinary differences can be staggering re: openness to openness
common concerns include:
I bet the cost will be prohibitive.
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Publishing OA isn’t prestigious enough.
I won’t get a job in academia unless I publish in a journal with a high impact factor.

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I would, but my adviser/mentor/respected peer doesn’t want me to.
I won’t get a job in academia unless I publish in a journal with a high impact factor.

I bet the cost will be prohibitive.

Publishing OA isn’t prestigious enough.

I’ll get scooped if I share my work too openly.

I would, but my adviser/mentor/respected peer doesn’t want me to.
scholcomm + libraries, yeah!
understanding + influencing
people
spaces

Image courtesy of Flickr user markchadwick (CC BY ND)
services

people

spaces

Image courtesy of Flickr user markchadwick (CC BY ND)
When you’re asked to do something dangerous, don’t bend to peer pressure.
people: Michigan State University

Aaron Collie
DSC Coordinator
Digital Curation Librarian
Proficiencies: Repository development; data management; web frameworks; python programming; digital collections

Tina Qin
Chemistry Librarian
Proficiencies: Scientific data management; chemical information; patent information; Mendeley citation management; data information literacy

Thomas Padilla
Digital Humanities Librarian
Proficiencies: Text analysis; network analysis; data curation; data information literacy; digital preservation

[ www.lib.msu.edu/DSCconsultants/ ]
spaces: Indiana University

“Designed on the cutting edge of research and scholarly publishing, the IU Scholars’ Commons supports the journey from curiosity to discovery to publication. Researchers—whether faculty, staff, or students—come first in this space where they will find a powerful academic service hub that offers easy access to experts and technology for every stage of their scholarship.”

[ https://libraries.iub.edu/scholars-commons ]
Small UAV Position and Attitude, Raw Sensor, and Aerial Imagery Data Collected over Farm Field with Surveyed Markers

Mokhtarzadeh, Hamid; Colten, Todd (2015)

Published Date
2015-02-25

Author Contact
Mokhtarzadeh, Hamid (mokh0006@umn.edu)

Data Type
Dataset

Abstract
Imagery and sensor data from a commercial small Uninhabited Aerial Vehicle flown over an agriculture field on the morning of October 22, 2014 have been logged and documented. The field includes 16 surveyed ground control points laid out in a 4x4 square serving as known ground control points. This data set serves to study both challenges and opportunities of UAV-based remote sensing for precision agriculture applications. The raw sensor data can be used for navigation system design and analysis. The imagery and logged aircraft state can be used for image processing as well as remote sensing analysis. It is being shared to served as a documented data set for testing new concepts and ideas.

Creative Commons License: CC0 1.0 Universal Public Domain Dedication

Suggested Citation

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UW-Madison again scores high in world university rankings

July 17, 2015 | by Käri Knutson

Bescom Hall, Bascom Hill and the central University of Wisconsin-Madison campus. In the background at right is Lake Mendota. The photograph was made from a helicopter looking west.

Photo: Jeff Miller

For the second year in a row, the University of Wisconsin-Madison has been ranked 25th worldwide and 18th nationally by the Center for World University Rankings.
UW-Madison again scores high in world university rankings

July 17, 2015  |  by Käri Knutson

UW-Madison placed by category: publications, 21st; citations, 22nd; influence, 24th; broad impact, 27th; patents, 27th; alumni employment, 29th; quality of education, 29th; and quality of faculty, 34th.

Bescom Hall, Bascom Hill and the central University of Wisconsin-Madison campus. In the background at right is Lake Mendota. The photograph was made from a helicopter looking west.

Photo: Jeff Miller

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UW-MADISON OPEN ACCESS POLICY!

status: in the works
NEXT MEETUP: August 20 | 12:30-1:30pm | WI Idea Room, Education Building
RDS data information literacy reading group

Fall 2015
Director of Scholarly Communication coming fall 2015 (?!)

Image courtesy of flickr user electricnet (CC BY)
IT'S GONNA BE THE FUTURE SOON
invest

• Find creative people willing to push and explore.
  ✷ Librarians
  ✷ Project managers
  ✷ Technologists
  ✷ Alt-ac backgrounds a plus!

• Reward them.

• Dedicate resources to support and advance technical infrastructure!

• *Value capturing, preserving, and providing access to UW research equally to providing access to research created elsewhere.*
actually, scratch that last bit
research from UW > journal subscriptions
build community

• Cultivate relationships with researchers interested in new modes of scholarship at every level.
• Look for these individuals in new ways: on social media, at grassroots events, etc.
• Give them a platform. They are the influencers.
• Promote opportunities for further connections by making library space a hub for these topics.
• Try things! Fail. Keep trying. Keep talking.
The beginning is always today.
TRY AGAIN!
thank you!
LET'S TALK ABOUT DATA

RIGHT MEOW

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@notsosternlib

Lead, Research Data Services
researchdata.wisc.edu
@UWMadRschSvcs

sweet, I made this: http://memegenerator.net/instance2/1215913