Open Data and Public Access

Council on Research Summer Meeting, Session IV
Open Data and Public Access

At Iowa State
- Partnerships and collaborations are key
- Roles and motivations vary
- Land grant ideal at forefront

Iowa State's early efforts with Open or Public Access

- Digital Repository@ISU
  - Library and Office of Research collaboration
  - Implemented in 2012
  - Since implementation:
    - 66,068 papers uploaded
    - 10,795,957 downloads
  - No university mandate or policy, participation is voluntary
  - Faculty participation – 38%

Iowa State Digital Repository

Share your research with the world

The Iowa State University Digital Repository (http://lib.dr.iastate.edu) provides free and open access to research and scholarship by Iowa State's faculty, students and staff. Use the Digital Repository to provide global access to your: Journal articles and manuscripts;

» Conference proceedings and presentations
» Technical reports and white papers
» Fact sheets, bulletins, and Extension and Outreach publications
» Learning objects and curricular resources
» Images, audio and video files

How do I participate?

To get your research and scholarship included in the Digital Repository, send a copy of your vita or publications list to digirep@iastate.edu.

We'll check the copyright for you and work with you to ensure we can include as many of your publications as we can.

Global reach

In 2016, research and scholarship in the Digital Repository were downloaded 3,627,871 times by readers from 233 countries and territories

Since launching in 2012, the Digital Repository has received more than 10 million downloads worldwide: from 2.5 million downloads in the United States, to six downloads in Mayotte.

Readership Reports

You will receive access to an Author Dashboard, which provides detailed information on the readership of your works in the Digital Repository. You can learn how many times your works are downloaded, view what countries your work is being downloaded in, and discover what institutions your readers are affiliated with.

Research Profiles

We'll also create a SelectedWorks research profile for you. This is a customizable webpage that places all your open access publications in the DR in one place. Browse Iowa State faculty profiles at http://bit.ly/ISUexperts

Open or Public Access to Data at Iowa State

Why now? Why partner?

Motivations
- Office of the VP for Research – more competitive proposals and compliance with funder requirements

- Office of the CIO – views as a core service; intersects with existing research & high-performance computing and storage services

- University Library – long-term stewardship of and access to data as part of the scholarly record

Concerns, Issues with 'open' and 'public'

- Faculty researchers are busy
  - Need to work into the overall research cycle, not as an add-on or extra
  - Need to recognize benefit for participating
- Land grant mission may not be a motivator for all
  - Federal agency compliance should be/could be
  - "why bother? only 3 other researchers in the world care about my research"
- Funding model to sustain enduring sharing capability
  - Current effort funded "out of the hide" in a declining budget environment
  - Sharing data and DMP cost needs to be addressed in proposals and awards

Developing a strategic roadmap for data and data initiatives at ISU

- Talking with faculty about researcher practice
- Talking with faculty about sharing with the public
  - …which leads to talking about need for more *formal* researcher practice to enable sharing with the public
  - …and *can* lead to greater understanding by researchers of importance of involving us earlier in research process
- Understanding each partners' motivations, roles, and responsibilities
- Borrowing and adapting from other institutions' successes
- Considerations of process, governance, structure, policies, etc.
- Pilots and 'actions'
  - ex: Data repository pilot, using FigShare, summer 2017

Questions?

Thank you.

Beth McNeil

Dean of the Library and Professor

Iowa State University

mcneil@iastate.edu