



# NIST DSpace Collaborations


**Kimberly A. Tryka**  
**Information Services Office**

Presentation to DSpace Interest Group at OR2015  
11 June 2015

# Disclaimer




Mention of specific products in this talk does not imply a recommendation or endorsement by the National Institute of Standards and Technology, nor is it intended to imply that the products identified are necessarily the best available for the purpose described.





# Mission

To promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve our quality of life.






# NIST Standard Reference Data

## **Source:**

Public Law 90-396, July 11, 1968,  
Standard Reference Data Act

## **Excerpt:**

Section 6 - ...the Secretary may secure copyright and renewal thereof on behalf of the United States as author or proprietor...of any standard reference data which he prepares or makes available under this Act, and may authorize the reproduction and publication thereof by others



# Information Services Office



## Research Library Group

- Information desk, research, review, and analysis
- Innovation Tools (3D printers, data visualization)

## Digital Services and Publishing Group

- NIST publications, digital archives
- Open Access (publications, data, metadata)

## Museum and History Program

- Physical and Virtual Museum
  - Archives and Heritage Assets
- 



# DSpace Collaboration with OISM

(Office of Information Systems Management)

- Related to the OMB/OSTP memos
- Researchers ask:
  - Where is the infrastructure to help us comply with an unfunded mandate?



# DSpace Collaboration with OISM



DSpace is set up as a learning ground for both organizations

## Lessons Learned:

- Library gained enough experience to consult on customization
- DSpace is a workable solution for certain data
- Project tasks fell heavily to the Library



# DSpace Collaboration with MGI

(Materials Genome Initiative)

- Originally a project to determine metadata for a “code catalog”
- But...it turns out that they want to store this metadata in DSpace
  - Our first DSpace “consulting” gig!
- Lesson learned: just because someone else has a running instance of DSpace doesn’t mean that they know more about a particular part of it than you do



# Conclusion



Even if DSpace does not become 'the' data repository at NIST, this work provides the Library opportunities to develop relationships with other organizations at NIST.

kimberly.tryka@nist.gov --- 301-975-3055

