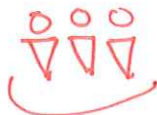


F5: Using DMPs as a Research Tool for Improving data services in academic libraries

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bit.ly / dmpresearch
url for the project

SO MUCH DATA!

researchers don't know how to handle data



libraries can help!

How develop services / understand researcher needs?

- o surveys
- o interviews
- o review DMPs

this project

DMP reflects {
+ knowledge
+ capabilities
+ practices
+ needs

but need to audit this as verifiable

inform library services

NSF requirements different b/t divisions



general rubric

Need a tool

Using a rubric

GOAL to make rubric accessible to anyone



tested on real DMPs and entered assessment via Qualtrics

Careful about inter-rater reliability and other errors

used to test rubric to make sure it's clear

* plans from funded projects

* intra-class correlation



Lizzy R.

Using dmps to look at institutional info and inform data services

Results of analysis

- o 8 plans no data
- o 5 plans from math - not producing data?
- 42 analyzed

Previous work

- o 40% mention IR
- o researchers share text

used plagiarism software

correct misinformation put more info online (instead of come to library)
learned more than interviews or surveys

REDUX

researchers get sharing message

also good at archiving

BUT repository does both!

bad at documentation (not even metadata) sad

share data via journals difficult / more work here

- o good at describing data
- o bad at describing metadata
- o mixed re: formats
- o bad at where data availability
- o mixed at public availability
- o bad at security measures
- o N/A at PI / IP data
- o bad at reuse
- o bad at redistribution
- o bad at production of derivatives
- o mixed at archiving / preservation
- o unfortunate data sharing places journals?

Intervene @ school of math improve web presence and add boilerplate

FUTURE STEPS

communicate to campus

repo technical req's metadata and documentation

<lots of Qs / work here>

Brian Westra



NSF biology guidance

data AND metadata
appear together

address
⇒ Post-award
now moving to
annual
report

BIO sharing

- personal website
- on request
- named data centers
- journals

What is data?

How do you
publish it?



still an
issue



CHEM Guidance language

- peer-reviewed journals
- personal website
- data repository



*this is me
shaking my fist at
my fellow chemists

↑ actually are
sharing "data" as
journal supplements

Named data centers

crystallographic
data big one

NEED MORE

DATA CENTERS IN
CHEMISTRY



Lots more focus on by-request
<collective sigh>
actually in guidance language