

Passing the Baton: Providing Feedback on Data Management Plans to Campus Researchers

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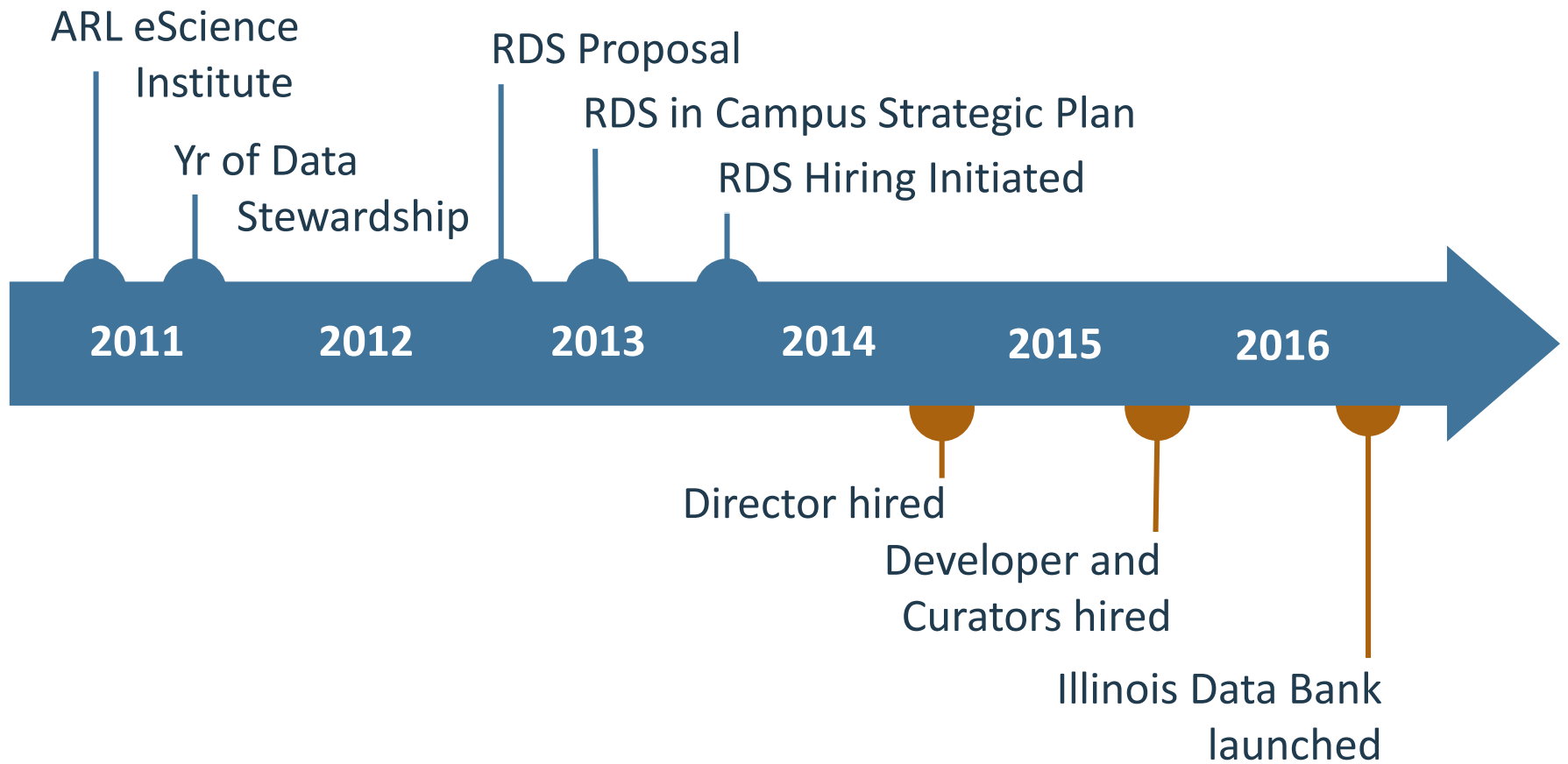
After this session you will...

- Know about the Research Data Service
- Know about Data Management Plans
- Understand the Research Data Service's process for reviewing Data Management Plans
- Understand where your expertise is needed

Illinois Research Data Service (RDS)

Provide the Illinois research community
with the
expertise, tools, and infrastructure
necessary to manage and steward
research data.

Illinois RDS Timeline



Who is the RDS?

- **Four Full-Time Staff**
 - 1 Director (Heidi Imker)
 - 2 Data Curators (Elise Dunham and Elizabeth Wickes)
 - 1 Repository Developer (Colleen Fallaw)
- **Part Time/Voluntary**
 - Postdoc (with School of Information Science)
 - Information Design Specialist (Technology Services)
 - Graduate Students
 - Lots of interaction within the Library!

Where is the interest in
data coming from?



Office of Science and Technology Policy (OSTP) Public Access Memo

- From the Executive Branch of the US Government
- Directs federal agencies who fund research (NSF, DOE, etc.) to see that outputs resulting from research, including research datasets, be made publicly accessible
- **Funders responded by implementing Data Management Plan (DMP) requirements for grant proposals**

<http://www.whitehouse.gov/blog/2013/02/22/expanding-public-access-results-federally-funded-research>

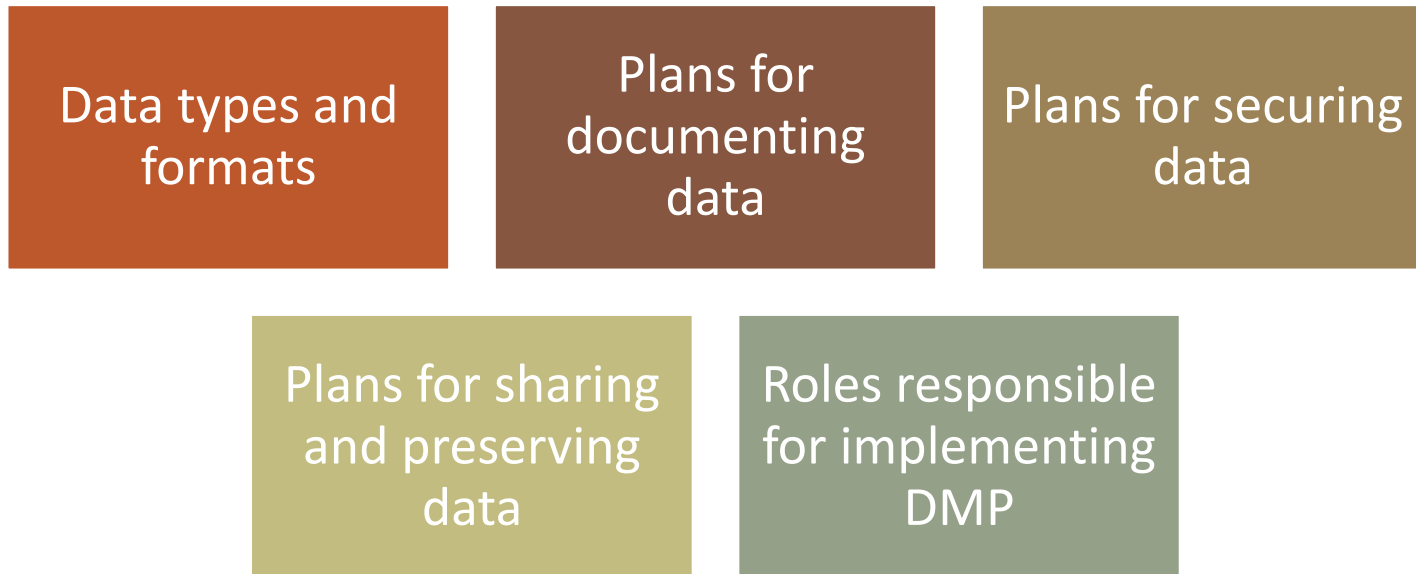
The funny thing about DMPs

For many researchers, this is about compliance

For the RDS, this is about wanting researchers to manage their data

What must DMPs cover?

****Specifics vary depending on the funder****



Role of the RDS in DMP reviews

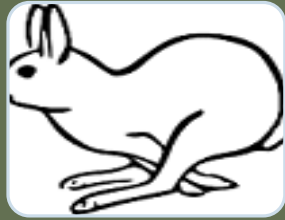
- Provides in-depth review and feedback on every DMP that comes to us
- Coordinates wider review with other campus experts

Note: Reviewing Data Management Plans is one of many services provided by the Research Data Service

Role of IT Professionals in DMP Reviews

- All DMPs have an IT component
- We want to learn who to contact when specialized IT needs or questions emerge within DMPS

DMP review guiding principles



FAST



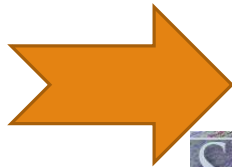
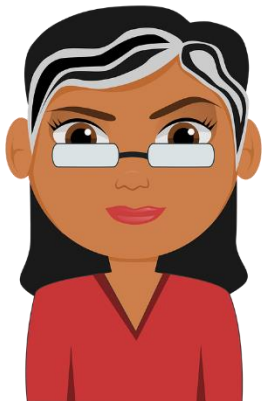
CONFIDENTIAL



BALANCED



Receive a DMP to review



etc.

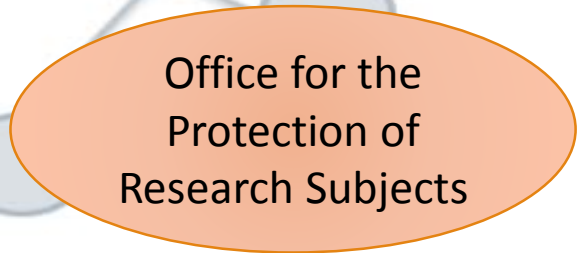




Seek input from our network

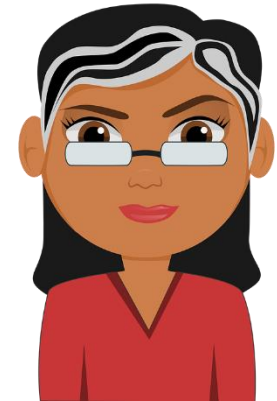
University Library

Area of Expertise	Point Person/People
Biomedical Sciences	Peg Burnette
Engineering	Bill Mischo, C
GIS	James Whit
IDEALS	Helenmary S



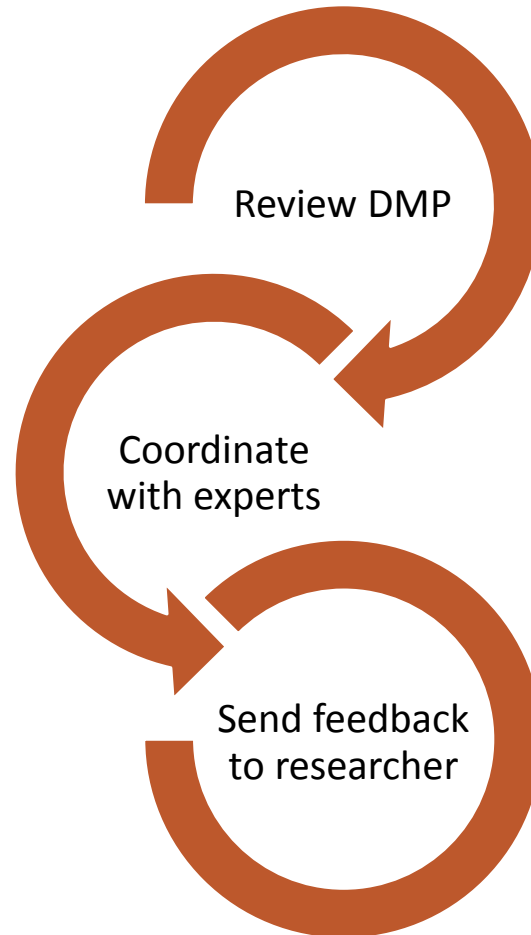


Send feedback to researcher

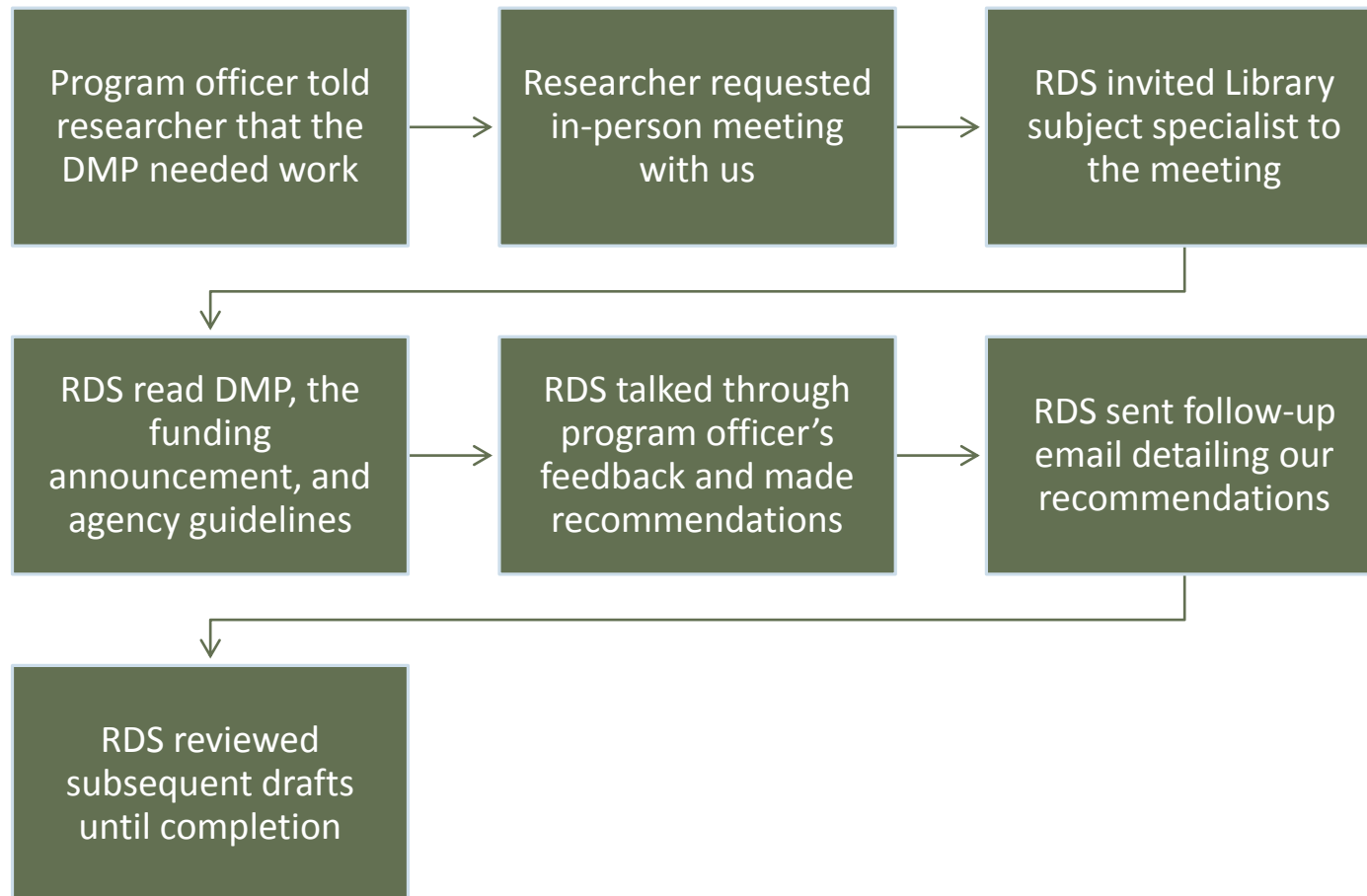




Loop process as needed

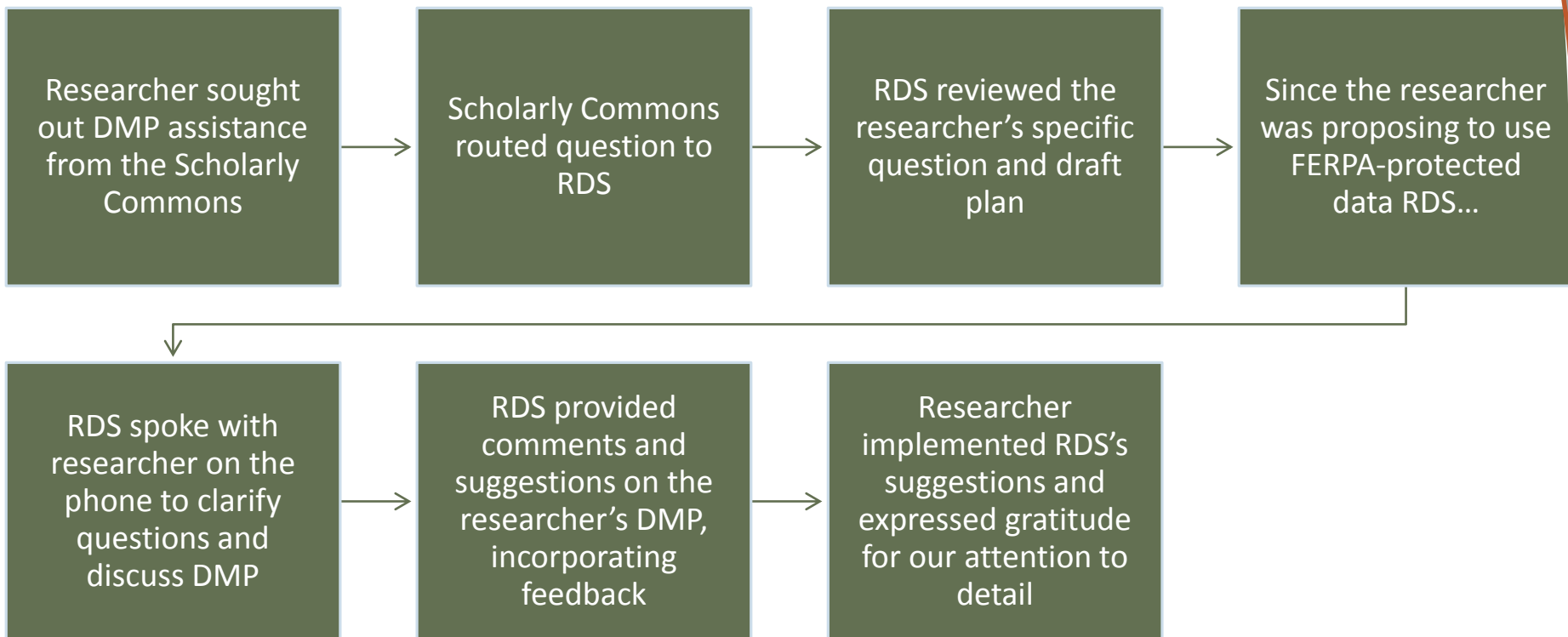


Example #1




Example #2

- Received input from a Library specialist in human subject research
- Discussed the situation with a contact in the Division of Management Information
- Sought guidance from internal contact who has great depth of knowledge of funding agency



Extremes



Turnaround	<ul style="list-style-type: none">• Hours• Weeks
Length	<ul style="list-style-type: none">• 1 paragraph max• 10 pages max
Amount of data sections expected in proposal	<ul style="list-style-type: none">• 1 data planning section• 6 data planning sections

Before & after

Draft	Revised
<p>[no information about roles and responsibilities]</p>	<p>The PI and co PIs have the primary responsibility for implementing the data management plan. Postdoctoral researchers and graduate students will assist in data management activities. We will utilize resources created by the Research Data Service to train graduate student assistants in basic data management practices (http://researchdataservice.illinois.edu/workshops/)</p>

Before & after

Draft	Revised
<p>This digital material will be kept in the author's computer.</p>	<p>The text and audiovisual files will be retained in the PI's laptop computer, which will be password protected. They will be backed up to an external hard drive and to the remote U of I Box to achieve the recommended three copies.</p>

Before & after

Draft

Our data files will be relatively small, so they will be permanently archived on our servers (which are automatically backed up on a regular basis).

Revised

After three years, the data will be made publicly available in perpetuity via an online data repository (to be chosen with the assistance of the University Library's Research Data Service).

Staying organized

DMP received via email

DMP Review Lead corresponds with DMP review contact to obtain draft DMP, funding announcement, and due date to campus OSP

DMP Review Lead moves draft DMP document and funding announcement to DMP Review Commentary folder for current FY in the Box folder for DMP Reviews.

DMP Review Lead shares Box document(s) with collaborators and collaborates on feedback in Box and/or via email

DMP Review Lead reviews and synthesizes feedback

DMP Review Lead sends feedback to DMP review contact

DMP received via DMPTool

RDS Director and Curators receives DMPTool email notification about requested review

DMP Review Lead moves draft DMP content from DMPTool to a Word document

DMP Review Lead moves draft DMP document and funding announcement, if available, to DMP Review Commentary folder for current FY in the Box folder for DMP Reviews

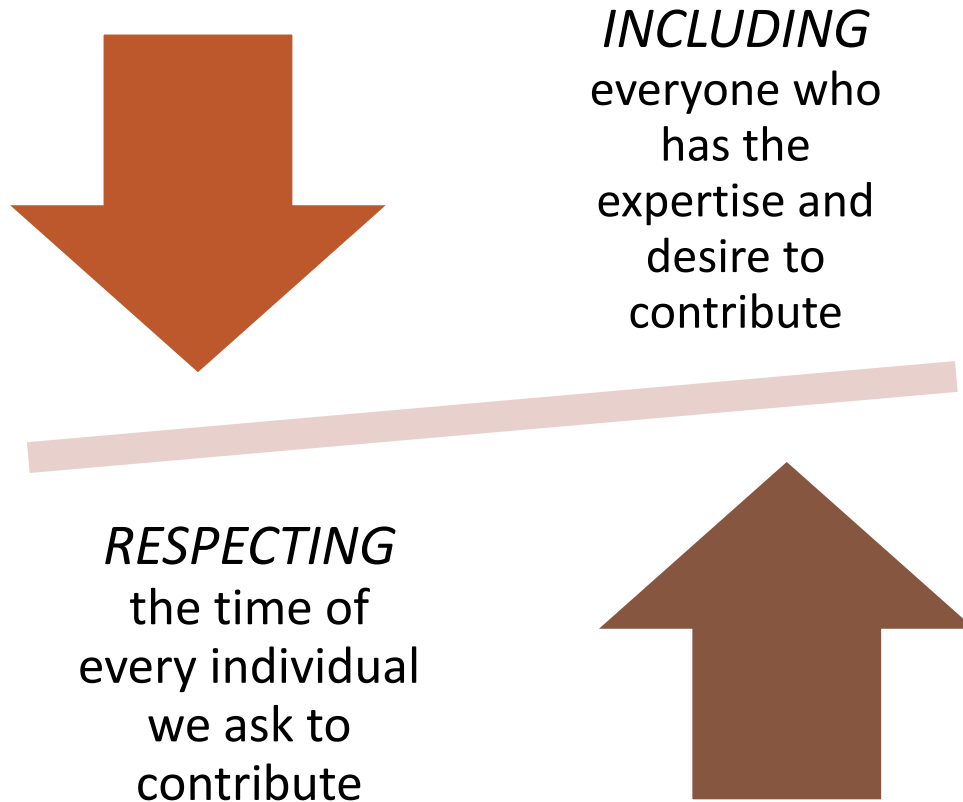
DMP Review Lead shares Box document(s) with collaborators and collaborates on feedback in Box and/or via email

DMP Review Lead synthesizes feedback

DMP Review Lead enters feedback as comment on the DMP being reviewed within the DMPTool, referring to DMPTool Review Response Template for intro and outro text. Clicks "Add Comment", add comment, then click "Submit". The DMPTool owner receives an email notifying them that their DMP has been reviewed.

DMPTool Lead clicks "Plan Reviewed" in the DMPTool to remove the DMP from the Review queue

Staying courteous



Role of IT Professionals

- All DMPs have an IT component
- We want to learn who to contact when specialized IT needs or questions emerge within DMPs

Contact us to become a DMP liaison for your
unit

researchdata@library.illinois.edu

Questions/Discussion

Contacts

walk: 310-312 Main Library

click: <http://researchdataservice.illinois.edu/>

call: (217) 300-3513

email: researchdata@library.illinois.edu

tweet: @ILresearchdata