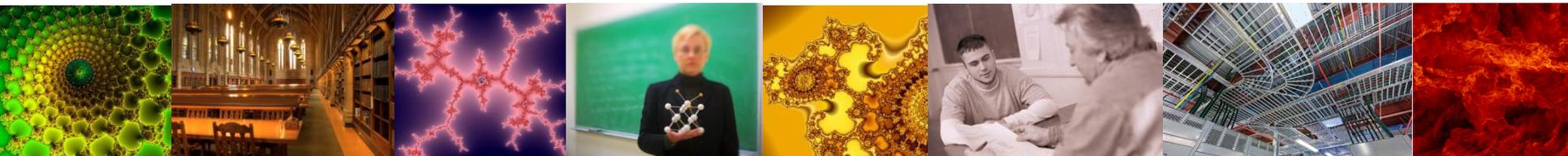


# Public Access: Update on Progress

National Science Foundation

April 4, 2014



# OSTP Memo, 2/22/2013

- Within six months, agencies will develop plans to increase public access to scientific publications and scientific data in digital formats, consistent with their missions and existing law
- Underlying principles:
  - Maintains the importance of peer review and the role of publishers
  - Calls for collaboration among agencies and stakeholder groups
  - Does not specify a funding strategy, allowing for experimentation
  - Does not specify a technical approach but does encourage leveraging existing archives



# Where are we?

- Plan (still not public)
  - Submitted the draft, August 22, 2013
    - NSF Steering Committee
    - Working groups on publications and data
    - Interagency working groups on publications and data
    - Public input, May 14-17, 2013
  - Received comments, February 20, 2014
  - Revised document, May 20, 2014
- October 2013-Present
  - Technical studies to assess feasibility of solutions for system integration (DIS/DIAS/DAS/CIO/OD)
  - Policy implications (Policy/OGC)
  - Internal/external communications



April, 2014

# The draft plan outlines a framework.

- Recognize the diversity of science NSF supports
  - Take into account multiple agency funding
  - Extensible to many kinds of research outputs
- Minimize burden on awardees, investigators, and program and administrative staff
- Build on existing practice to the extent possible
- Leverage existing infrastructure and infrastructure components
- Accommodate change



# More considerations

- Managing data is harder than dealing with publications.
- The plan would have to unfold over a period of years (and funding cycles).
- Change will touch almost every corner of the Foundation.
- Communicating with program staff and research communities is critical.



# Going forward

- Policy: Announce the policy and alert the communities to upcoming changes to PAPPG using existing Federal-wide procedures
- Technology: Start with publications to figure out how the external/internal integration will work.
  - Reporting
  - Pre/post-award management systems
  - Award search
  - Website
- Communications: Ways to engage primarily around data:
  - Program staff
  - Research communities
  - Public



# We have a small budget.

- Systems development (DIS/DIAS)
- Repository partnership(s) (external)
- Communications and outreach
  - National Academies/NRC forum
  - Program support for data-related activities



April, 2014

# Your help

- Where can we embed activities to advance public access concerns? What external groups might be partners? How can publishers and professional societies help?
- How well is the current DMP requirement working?
- Pilot activities in your communities?
  - Technical
    - Metadata
    - Citation
    - Identifiers
    - Repository standards
  - Training and mentoring around data
  - Appraisal, retention, deaccessioning
- What questions will you have?



# Thank you!

Amy Friedlander

[afriedla@nsf.gov](mailto:afriedla@nsf.gov)

Clifford Gabriel

[cjgabrie@nsf.gov](mailto:cjgabrie@nsf.gov)

Joanne Tornow

[jtornow@nsf.gov](mailto:jtornow@nsf.gov)

