



# **NSF Public Access Initiative**

**SBE Advisory Committee Meeting**

May 13, 2015

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# Public access activities at NSF

2012

- Set up a small internal technical group
- Organized an interagency information exchange

2013

- OSTP memo released in February
- Organized public comment in May
- Prepared NSF's public access draft plan
- Initiated technical analysis

2014

- Completed the technical architecture, identified DOE/OSTI as the partner, and signed the MOU/IAA
- Completed two cycles of comments and responses on the draft plan
- Briefed the NSB



# Outreach and Participation

- Within NSF
  - NSF Steering Committee led plan development
  - Technical teams drawn from DIS, BFA, OIRM, DOE, Policy Office
  - Working groups to develop the plan (2013) and participate in usability/requirements gathering (2014-15)
- Interagency working groups on publications and data, 2013
- Public comment, May 2013
- Ongoing discussions with stakeholder groups (libraries, publishers, professional societies)
- Presentations to advisory committees, 2013-14



# NSF Planning Requirements

- Provide access to the public
- Minimize burden on awardees/investigators and on NSF staff
- Leverage existing systems and workflows:
  - Extensions to internal proposal and award management systems (research.gov; e-Jacket; Award Search; etc.)
  - External systems
    - DOE/OSTI infrastructure for publications
    - Publisher/library services, e.g., CrossRef
    - Potentially others (federated system engaging other Federal agencies, academic libraries, and publishers)
- Extensible to other products of NSF-funded research
- Minimize cost



# What does the plan say?

*(consistent with OSTP policy objectives)*

- Requires deposit of journal articles and juried conference papers funded by awards resulting from proposals submitted in January 2016 (PAPPG) to be made publicly available no later than 12 months after publication in the NSF Public Access Repository, hosted by DOE/OSTI
- Allows for a waiver to the 12-month embargo
- Retains current DMP requirement, allowance for costs, and data citation and calls for community engagement to support consistent data management best practice
- Supports public search through:
  - Existing award search mechanisms
  - Search capability on the NSF Public Access Repository, hosted by DOE/OSTI
  - Expose metadata to third party search systems (future)
- Leverages current programs, policies, and systems
- Calls for a Working Group to provide oversight
- Establishes a website with the Plan, opportunity for feedback, and FAQs
- Calls for regular updates to the NSB and OSTP/OMB
- Allows for evolution to other products of NSF-funded research



# What will/will not change?

- Publication deposit in support of public access is a **new requirement**
  - Deposit is separate, but integrated with reporting in Research.gov to minimize burden and support post-award deposit including legacy articles
  - Builds on **existing** reporting requirements
  - Article Processing charges can be requested as a direct cost, as is **current policy**
- Current DMP policies **remain in place** with activities intended to enable consistent identification, description, and management through the directorates/communities



# Progress and Next Steps

- ✓ Announce the plan and launch the website  
[http://www.nsf.gov/news/special\\_reports/public\\_access/index.jsp](http://www.nsf.gov/news/special_reports/public_access/index.jsp)

- ✓ Organize the NSF Working Group (senior leadership)

*05/15* • Announce the proposed revision to the PAPPG

*12/15* • Stand up the NSF Public Access Repository (beta) and extensions to Research.gov

*2014-17* • Continue community activities that advance data management in support of public access

# Public Access Supplements

*FY 2014*



Mayernik, Matthew (UCAR)	1449668	GEO	EAGER: Repository Cross-Linking for Open Archiving and Sharing of Scientific Data and Articles
Lehnert, Kerstin	1449298	GEO	Geoinformatics Facilities Support: Integrated Data Collections for the Earth & Ocean Sciences: The Marine Geoscience Data System and the Geoinformatics for Geochemistry Program
O'Grady, Richard (AIBS)	1449499	BIO	A Proposal for Participant Travel Support to a Workshop to Identify Issues Related to Changing Practices Around the Publication of Data
Insight Policy Research Inc	E74979X	OIA	
O'Grady, Richard (AIBS)	1450894	BIO	Proposal for a Workshop on Reducing Barriers for the Management, Integration, and Public Sharing of Large and Complex Data among Biologists Working at Genome-Phenome to Macrosystems Levels
Hovy, Eduard (CMU)	1450545	CISE	A Method to Retrieve Non-Textual Data from Widespread Repositories
Martins, Emilia	1451110	BIO	Evolution of integrated behavior (US-India collaboration)
Webster, Michael	1451374	BIO	Meeting: Advancing the Accessibility of Digital Media for Biological Research in the 21st Century
Ruggles, Steven	1451112	ACI/SBE	DataNet Full Proposal: Terra Populus: A Global Population/Environment Data Network (Supplement)
Attewell, Paul	1455947	EHR	Building an inter-disciplinary research community to prototype computationally-intensive analysis of large scale educational datasets
Hildreth, Michael	1457413	MPS	Workshop Series to Gauge Community Requirements for Public Access to NSF-Funded Resesarch





# Summary

- The plan provides a framework
- Implementation is a work in progress
- Community engagement is key

*Thank you!*