Update on NSF and BIO Public Access Activities

The Foundation has made significant headway on the development of the integrated Public Access (repository) solution for peer-reviewed publications, and is ramping up cross-directorate coordination efforts to address implementation. Foundation-wide activities include:

* Completion of the “beta” version of the integrated publication deposit system, and developing a communication plan for fall roll-out.
* The Public Access FAQ material is in the clearance process and should be posted to the PA web page soon.
* PA Working Group meets bi-weekly for
* FY ’16 budget planning;
* Coordinating procedural actions at the directorate level (e.g. guidance on data identifiers);
* Addressing short-term goals (e.g. data management pilots) and long-term goals (e.g. stakeholder roles).

BIO has continued development of science-focused, community-led activities that address barriers for research data management, sharing and access. Activities include:

* Community Engagement
* Developing two workshops for the Plant and Animal Genome meeting in January 2016 (San Diego), along with multiple external partners.
* Anne Maglia presented the NSF Public Access plan and BIO activities at the New England eScience meeting, April 2015 (Worcester, MA).
* Interactions with science society leaders and members on organizing data management and public access activities (e.g. AIBS; SICB)
* Policy and Procedures
* Revised Data Management Plan (DMP) Guidelines posted on September.
  + In consultation with BIO Program Directors, the guidelines for PIs have been updated to align with the forthcoming Proposal & Award Policies & Procedures Guide[[1]](#footnote-1) (PAPPG), which is set for January 2016 release.
* Public Access and awards for FY’15
* “Evaluating Identifier Services for the Life Cycle of Biological Data” (EAGER 155458 (Esteva); 1554930 (Walls))
* “Identifying, understanding, and overcoming technical issues in identifier systems” (1555491, Walls; meeting in winter 2016, Oracle, AZ).
* “Advancing the Accessibility of Data for Behavioral Research in the 21st Century” (1555565, Webster; meeting summer 2016, Ithaca, NY).
* Outputs and outcomes of FY’14 BIO Public Access awards
* “Changing Practices in Data Publications Workshop” (1449499) proceedings and report are available: <http://www.aibs.org/events/publications_workshop.html>
  + BioScience will be revising the journal policies on data sharing and access.[[2]](#footnote-2)
* Complex Data Integration workshop report (1450894): <http://www.aibs.org/public-policy/resources/Complex_Data_Report.pdf>

1. http://www.nsf.gov/bfa/dias/policy/papp/pappg16\_1/fedreg/draftpappg\_may2015.pdf [↑](#footnote-ref-1)
2. Editorial. [What’s Next in Data Publication?](http://bioscience.oxfordjournals.org/content/65/5/455.full.pdf+html?sid=7276fcc3-72b2-4675-82e3-7dbefe6d581b) BioScience, 65(5): 455. doi: 10.1093/biosci/biv059 [↑](#footnote-ref-2)