SHARE

University Response to OSTP Public Access Policy

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Prior History

- **PubMed Central**
  - **2000 – 2 journals**
  - **2007 – voluntary submission**
  - **2009 – mandatory submission**
  - **2013 – penalty for non-submission (delayed grant renewal)**

- **Federal Research Public Access Act (FRPAA) – 2008**
  - **All federal agencies funding $100 M or more annually in extramural research develop public access policies**
  - **Free public access to peer-reviewed research articles after 6-month embargo period**

- **Scholarly Publishing Roundtable – 2009 – 2010: all federal agencies should provide free public access to results of research as soon as possible after appearance in peer-reviewed journal**

- **Fair Access to Science and Technology Research Act (FASTR) – similar to FRPAA, add enabling "productive reuse, including computational analysis by state-of-the-art technologies" – 2013**

Office of Science and Technology Policy (OSTP)

- **OSTP Public Access Policy Forum – Dec. 2009 – Jan. 2010**

- **OSTP Director John Holdren memorandum: "Increasing Access to the Results of Federally-Funded Scientific Research" – Feb. 2013**
  - All federal agencies funding $100 M or more annually in extramural research develop public access policies
  - Free public access to peer-reviewed research articles with 12-month embargo period as guide
  - Articles and data
  - Optimize search, archival, and dissemination features that promote accessibility
  - Ensure interoperability and long-term stewardship
  - Develop plans in consultation with stakeholders

Office of Science and Technology Policy (OSTP)

- **11 federal agencies covered by the policy directive; 22 have engaged**

- **Agency plans submitted to OSTP and Office of Management and Budget (OMB) in August, currently under review, implementation expected in 2015**

- **Expected that some agencies will develop their own repositories, some may contract with National Institutes of Health to use PubMed Central**

- **CHORUS and SHARE**

SHARE: SHared Access Research Ecosystem

- **Cross-institutional network of digital repositories**

- **Ensure access to, preservation and reuse of results of federally funded research**

- **Enable university researchers to submit research articles to federal agency-designated repositories using a single, common user interface, with SHARE packaging and delivering relevant metadata, files, and links**

- **Ensure compliance with agency requirements**

Why Are Universities Building SHARE?

- **Knowledge creation, dissemination, and preservation a core mission of universities**

- **University interest in collecting and preserving their scholarly output to assure access, and also for internal operational and analytic purposes**

- **Making research articles, data and their associated metadata publicly accessible for reuse, text mining, data mining and machine reading will enhance and accelerate the creation and discovery of new knowledge**

Why Are Universities Building SHARE?

- **Multiple requirements from multiple agencies likely – facilitate researchers' compliance**
  - **42% of faculty research time allocated to administrative tasks**
  - **23 steps and several emails for authors to submit manuscripts to PubMed Central**
  - **Prospect of 22 federal agencies with public access policies**
  - **SHare single-deposit mechanism for principle investigators**

SHARE Implementation

- **SHARE proposal developed by ARL, AAU, and APLU**

- **Steering Committee of university officials with NIH liaison, association sponsorship, advisory input; first meeting last week**

SHARE Steering Committee

Membership:

Rick Luce
Associate Vice President for Research and Dean, University Libraries, University of Oklahoma (co-chair)

Tyler Walters
Dean of University Libraries, Virginia Tech (co-chair)

Joyce Backus
Associate Director of Library Operations, National Library of Medicine (NIH Liaison)

Richard McCarty
Provost and Vice Chancellor for Academic Affairs, Vanderbilt University

MacKenzie Smith
University Librarian, UC Davis

Brad Wheeler
Vice President for Information Technology and CIO, Indiana University

Caroline Whitacre
Vice President for Research, The Ohio State University

Sponsorship:

Elliott Shore
Executive Director, ARL, ex officio

Michael Tanner
Chief Academic Officer and Vice President, APLU, ex officio

John Vaughn
Executive Vice President, AAU, ex officio

Advisory to the SSG:

Clifford Lynch
Director, CNI

Greg Tananbaum
SHARE Lead Consultant, ScholarNext

SHARE Implementation

- **Next three months: project roadmap to document how cross-institutional network will ensure access, preservation and reuse, and agency compliance**

  - Identify gaps in current workflow, seek standards-based solutions – adopt existing standards where available, develop needed new standards collaboratively with the relevant communities
  - Accommodate workflows for other non-federal funding sources
  - Document next phases, including SHARE pilot, leading to full implementation

- **Collaborative project engaging university, research, technology, intellectual property, and publishing communities**

  - DuraSpace, DPLA, CrossRef, FundRef, ORCID
  - International connections – e.g., OpenAIRE

SHARE and CHORUS

- **Troubled history of university/publisher interactions in scholarly publishing**

  - **Interdependence, collaboration, confrontation, open warfare**
  - **Two principles**

    - Essential *costs* of publishing must be met
    - The research reported in scholarly publishing grows out of largely publicly funded university research intended to benefit the society that provided those funds; *pricing* policies should reflect that

- **Scholarly Publishing Roundtable: framework for mutually beneficial collaboration in support of public access to the products of scholarship**

SHARE and CHORUS

- **Lack of trust remains: past history, conflicting (but also shared) interests and goals**

- **OSTP public access policy process may provide a new opportunity for mutually beneficial cooperation**
  - Officials involved in SHARE and CHORUS met in August to discuss their initiatives and explore areas of possible collaboration
  - Agreed to work jointly on persistent identifiers and metrics

- **Look forward to continued cooperation and collaboration among universities, federal agencies, and publishers in the implementation of the OSTP public access policy and to the integration of this initiative with comparable projects in Europe and elsewhere in pursuit of the shared public benefits of scholarship and its products**