

# ASCAC-OSTI Subcommittee

Tony Hey

# Charge Letter from Patricia Dehmer (1)

- Asked ASCAC to establish a standing subcommittee to advise the Office of Science on:  
*‘matters associated with the DOE Office of Scientific and Technical Information (OSTI)’*
- OSTI established in 1947 (by General Groves) to fulfill DOE’s responsibilities for:  
*‘the collection, preservation, and dissemination of scientific and technical information from DOE’s R&D activities’*

# Charge Letter from Patricia Dehmer (2)

- With today's requirements for the broad sharing of digital data and open access of publications, ... [OSTI's task] assumes a complexity impossible to have imagined when OSTI was formed nearly 70 years ago
- External, independent advice will be needed as OSTI transitions its products and services to methods appropriate to the new era of information gathering and sharing.

# Charge Letter from Patricia Dehmer (3)

As first activity, want ASCAC-STI subcommittee to examine the following four issues and provide a report by the ASCAC summer meeting:

- a) Are OSTI products and services 'best in class' and most critical?
- b) Do they meet customer needs now?
- c) Are they positioned to meet customer needs in the future?
- d) What is national and international standing of OSTI and in what areas should OSTI be a clear leader to fulfill its DOE responsibilities?

# Members of ASCAC-STI Subcommittee

- Tony Hey, ASCAC member and Chair, Senior Data Science Fellow, UW
- Christine Borgman, Professor in Information Studies, UCLA
- Deborah Agarwal, Senior Staff Scientist, LBNL
- Kerstin Kleese-van Dam, Chief Data Scientist, PNNL
- Anne Trefethen, Pro-Vice-Chancellor, University of Oxford, UK
- Silvia Crivelli, ASCAC Member, Biotechnology researcher, UCD and LBNL
- Dean Williams, ASCAC Member, Computer Scientist, LLNL
- Arjun Shankar, Lead Data Scientist, ORNL
- Rick Luce, Dean of Libraries, Oklahoma University
- Alex Wade, Senior Program Manager, Microsoft Research
- A N Other (SLAC or Particle Physics community)

# U.S. Department of Energy Increases Access to Results of DOE-funded Scientific Research

August 4, 2014 - 10:49am



## NEWS MEDIA CONTACT

• 202-586-4940

WASHINGTON, D.C. – The U.S. Department of Energy is introducing new measures to increase access to scholarly publications and digital data resulting from Department-funded research.

The Energy Department has launched the Public Access Gateway for Energy and Science – **PAGES** – a web-based portal that will provide free public access to accepted peer-reviewed manuscripts or published scientific journal articles within 12 months of publication.

“Increasing access to the results of research funded by the Department of Energy will enable researchers and entrepreneurs to capitalize on our substantial research and development investments,” said Secretary of Energy Ernest Moniz. “These new policies set the stage for increased innovation, commercial opportunities, and accelerated scientific breakthroughs.”

As it grows in content, PAGES will include access to DOE-funded authors’ accepted manuscripts hosted primarily by the Energy Department’s National Labs and grantee institutions, in addition to the public access offerings of publishers. For publisher-hosted content, the Department is collaborating with the publisher consortium CHORUS -- the Clearinghouse for the Open Research of the United States.

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[Access to Science Information Expands with Science.gov 5.0 Launch](#)



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Speeding access to science information from DOE and beyond



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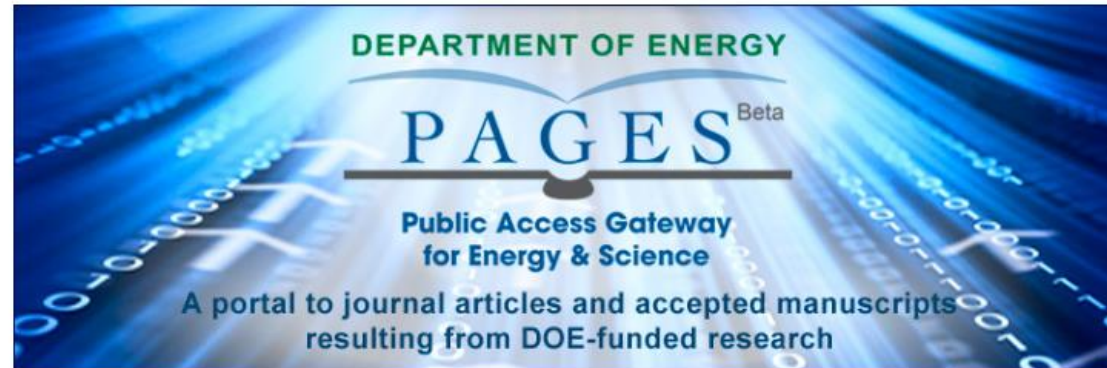
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For additional information, see the OSTI Catalogue of Collections.

**News/ Blogs**

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*U.S. Department of Energy Increases Access to Results of DOE-funded Scientific Research*

*Achieving Public Access: The Department of Energy Launches DOE PAGES<sup>Beta</sup>*

*Brian Hitson Named Director of DOE OSTI*

# Comments on the DOE Open Access Policy

- DOE's Public Access Policy

- Relies on DOE's existing author submission systems for other forms of STI to mandate author submissions of accepted manuscripts, either to their institutional repositories or to OSTI.
- As a complement to DOE's existing infrastructure, DOE is partnering with the publisher consortium CHORUS to ingest publisher metadata and provide links to publisher-hosted articles.

- Possible Additional Infrastructure from SHARE Initiative

- DOE is also collaborating in the early stages of development in the Shared Access Research Ecosystem (SHARE) project. SHARE is a higher education and research community initiative to ensure the preservation of, access to, and reuse of research outputs.
- The Association of Research Libraries (ARL), and the Association of American Universities (AAU), and the Association of Public and Land-grant Universities (APLU) have partnered to develop SHARE with significant input from the three associations' member institutions and their broader stakeholder communities.



# New Requirements for DOE Research Data

The Energy Department's Office of Science also has issued new requirements regarding management of digital research data by Office of Science-supported researchers. All proposals for research funding submitted to the Office of Science will be required to include a Data Management Plan that describes whether and how the digital research data generated in the course of the proposed research will be shared and preserved.

The new requirements regarding management of digital research data will appear in funding solicitations and invitations issued by the Office of Science beginning Oct. 1, 2014. A statement of the new requirements, including guidance on the development of a Data Management Plan, can be found on the [Office of Science website](#). Other Energy Department research offices will implement data management plan requirements within the next year.