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UNITED STATES

The Future of the Commons: Data, Software and Beyond...

Wednesday , November 18, 2015

Hosted by the Board on Research Data and Information,
National Academies of Sciences, Engineering, & Medicine
Keck Center, 500 Fifth St., NW, Room 100
Washington DC
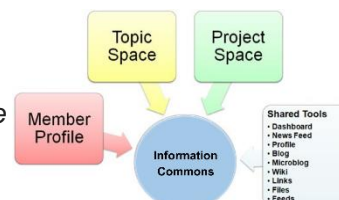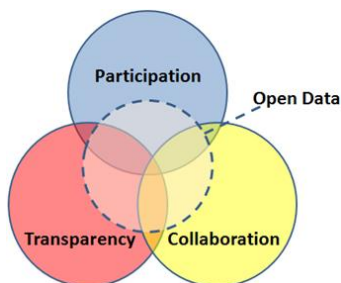
AGENDA

9:05 - 9:15 am

Welcome and Opening Remarks
***Marcie Granahan**, Executive Director, NFAIS*
***Amanda Wilson**, Chair, CENDI, Director, National Transportation Library, DOT*

9:15 - 10:00 am

Opening Plenary: Title of Talk – To Be Determined
***John Wilbanks** , Chief Commons Officer at Sage Bionetworks*

Mr. Wilbanks will give an "ecosystem" overview or landscape of what is evolving the area of the "commons." From definition to various concepts that are evolving, to some good examples and to what the future might hold.

10:00 - 11:00 am

Policy Implications: Policy and Legal Issues Associated with the Commons
***Dr. Michael Carroll**, Professor of Law and Director, Program on Information Justice and Intellectual Property, American University Washington College of Law*
***Jerry Sheehan**, Assistant Director for Scientific Data and Information, Office of Science & Technology Policy*

*Moderator: **Bonnie C. Carroll**, Executive Director, CENDI*

With the development of a "Common" comes the potential for major questions and challenges to our legal and policy regimes. Privacy, security and intellectual property as well as other issues need to be examined in terms of how they enable or challenge the development of a Commons. This session will examine these issues and lay out the questions. Speakers will suggest how these are or can be addressed.

11:00 - 11:15 am

Break and Networking Opportunity

11:15 am - 12:45 pm

Case Studies
***Dr. Robert Grossman**, Chair – Open Commons Consortium and Director of the Center for Data Intensive Science at the University of Chicago*
***Laurie Goodman**, Editor-in-Chief, GigaScience*
***Dr. George A. Komatsoulis**, Senior Bioinformatics Specialist at National Center for Biotechnology Information (NCBI), National Library of Medicine/National Institutes of Health*

*Moderator: **Jill O'Neill,** Director, Professional Development, NFAIS*

What is needed in developing a commons for a particular research community? Is there a baseline set of requirements that can be used as a fundamental blueprint for construction? Is there only one way to think about creating a "Commons" in a networked environment for purposes of the research community? Three case studies from three different stakeholders in varying sectors will examine

these questions and offer practical insights from their own planning processes.

12:45 - 1:30 pm

Lunch (to be provided)

Changes in Culture and Impact of Commons Approaches
Dr. Maurie Kelly, DataCommons@PSU, Director of the Informatics Group at Penn State Institutes of Energy and the Environment, Penn State University
Dr. Merce Crosas, Project Lead – Dataverse, Director of Data Science at the Institute for Quantitative Social Science (IQSS) at Harvard University
Dr. Nirav Merchant, co-Primary Investigator of iPlant at the University of Arizona

Moderator: Dr. Michael Huerta, Associate Director for Program Development, National Library of Medicine/National Institutes of Health

1:30 - 3:00 pm

As scientific research becomes more digital and more open, the use of commons is seen by many as a key means to not only make data more accessible, usable and discoverable, but to promote collaboration and cross-fertilization of ideas. In so doing, commons hold the promise of increasing the pace of discovery and enhancing the science, itself. This panel will present characteristics of the culture and science before and after the use of commons approaches. The incentives used to help change the respective research cultures will be discussed and comments provided on what further incentives might be useful to continue that change.

3:00 - 3:15 pm

Break and Networking Opportunity

Final Discussion and Moderated Wrap-up
*Moderators: **Mark A. Parsons,** Secretary General, Research Data Alliance at Rensselaer Polytechnic Institute*
*   **Dr. Michael Huerta,** Associate Director for Program Development, National Library of Medicine/National Institutes of Health*

3:15 - 4:30 pm

The final session will draw the conclusions and key points of the day together to highlight what we've learned, and what next steps might be taken to support the development of the scientific data commons.   The panel session will consist of a member from each segment of the meeting who will present key lessons or ideas from their session. The moderators will then summarize the day and suggest potential areas for follow-up. Interactive Q&A from the panel and the audience will then determine who and how the next steps will be taken.

4:30 pm

Adjournment
Bonnie C. Carroll, Executive Director, CENDI