

Board on Research Data and Information: Activities for Better Management of Our Data Resources

**SHARE Meeting
Crystal City, Arlington, VA
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See www.nas.edu/brdi for more information.

Board on Research Data and Information

The *mission* of the Board on Research Data and Information is to improve the stewardship, policy, and use of digital data and information for science and the broader society.

Board on Research Data and Information

Current BRDI Members

Francine Berman, Co-chair, Professor of Computer Science, RPI

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Mark Brender, Executive Director, Digital Globe Foundation

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Alexa T. McCray (IOM), Associate Professor and Co-Director, Center for Biomedical Informatics, Harvard Medical School

Alan M. Title (NAS/NAE), Senior Fellow, Lockheed Martin Advanced Technology Center

BRDI Staff (as of 3/2014)

Paul F. Uhler, Director

Subhash Kuvelker, Senior Program Officer

Adriana Courembis, Financial Assoc. Cheryl W. Levey, Senior Program Assoc.

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BRDI Ex Officio Members

Sara Graves, Univ. of Alabama, Huntsville (CODATA Secretary General)

Bonnie Carroll , Iia Associates (CODATA Executive Board member)

Michael Clegg, UC, Irvine (NAS Foreign Secretary)

Paul Alan David, Stanford Univ. (Chair, CODATA Task Group on the Global Information Commons for Science Initiative)

John Faundeen, USGS (Co-chair, CODATA Task Group on Data at Risk)

Kevin McCluskey, Univ. of Kansas (Co-Chair, CODATA Task Group on Advancing Informatics for Microbiology)

Kathleen M. Robinette, Univ. of Oklahoma (Co-Chair, CODATA Task Group on Anthropometric Data and Engineering Task Group)

Alex de Sherbinin, Columbia Univ. (Chair, CODATA Task Group on Global Roads Data Development)

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Data management projects (national focus):

- 1) Meetings of the Board on Research Data and Information, beginning in January 2009, and approximately 2x per year thereafter (11 in all).**
- 2) AAAS Symposium on Managing the Exaflood: Enhancing the Value of Networked Data for Science and Society, February 2010 (organized by BRDI members and staff).**
- 3) The Changing Role of Libraries in Support of Research Data Activities, 3 June 2010, Washington DC.**
- 4) The Future of Scientific Knowledge Discovery in Open Networked Environments: A National Symposium and Workshop, Washington, DC, March 2011, and report December 2012.**

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Data Management Projects (national focus, cont'd):

- 5) Public Symposium on "Crowdsourcing: Improving the Quality of Scientific Data Through Social Networking", June 2011.**
- 6) BRDI Sponsor Forums, every year, Washington, DC.**
- 7) Finding the Needle in the Haystack: A Symposium on Strategies for Discovering Research Data Online, February 2013.**
- 8) Future Career Opportunities and Educational Requirements for Digital Curation—consensus report will be published fall, 2014.**
- 9) BRDI Symposium on the Interagency Strategic Plan for Big Data: Focus on R&D, October 23, 2014.**

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Data management projects (international focus):

- 1) CODATA International Conferences and General Assemblies, in the fall of 2008 and every two years hence (4 in all).**
- 2) International Symposium on Designing the Microbial Research Commons, October 2009, report published 2011**
- 3) Developing Data Attribution and Citation Practices and Standards: An International Symposium and Workshop, August 2011, Berkeley, California. Reports published in 2012 and 2013. Consensus Principles released in 2014.**
- 4) U.S. Forum on CODATA-World Data System Cooperation, First Meeting, February 2012.**
- 5) BRDI Symposium: Global Scientific Data Infrastructures, August 2012.**

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Data policy projects (national focus):

- 1) Public Symposium on “Scientific Data for Evidence Based Policy and Decision Making”, September 2009.**
- 2) Public Symposium on “The Value of Shared Access and Reuse of Publicly Funded Scientific Data”, December 2010.**
- 3) Public Symposium: “Privacy in a Big Data World”, September 3013.**
- 4) Planning workshop on “Strategies for Economic Sustainability of Publicly Funded Data Repositories”, March 2014.**
- 5) The BRDI Data and Information Challenge, winners announced July 2014, and awarded October 23, 2014.**

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Data policy projects (international focus):

1) The Socioeconomic Effects on Public Sector Information on Digital Networks – Towards a Better Understanding of Different Access and Reuse Policies, with OECD in February 2008, Paris, and publication of the report June 2009.

2) Meetings of the U.S.-China Roundtable on Scientific Data Cooperation, 2009, 2010, 2011, and 2014.

3) Symposium on Common Use Licensing of Publicly Funded Scientific Data and Information, March 2009, in Beijing, China, and Taipei, Taiwan.

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Data policy projects (international focus, cont' d):

4) Symposium on “Data Sharing Plans for GEOSS and the Benefits of Data Sharing for Science”, November 2009 (in conjunction with the Group on Earth Observations (GEO) Plenary Meeting in Washington, DC.

5) BISO-BRDI-CFRS International Symposium on the Case for International Scientific Data Sharing: A Focus on Developing Countries, April 2011, and report December, 2012.

6) U.S. Forum on CODATA-World Data System Cooperation, First Meeting, February 2012.

7) BRDI Symposium: Global Scientific Data Infrastructures, August 2012.

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Thanks!

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