Managing Research Information for Researchers and Universities

Jennifer Schaffner

OCLC Research

jennifer schaffner@oclc.org

Research Information Management

OCLC Research is exploring new prospects for adding value to the scholarly communication process, helping scholars get the most out of new technologies that can enhance the quality of their work, and helping academic institutions with the assessment of their research output. The objective of our efforts in this area is to reach a collective understanding of the responsibilities of, and opportunities for, libraries in a changed research environment.

Role of Libraries in Data Curation

An assessment of the data generated in a number of completed social sciences and humanities research projects will guide recommendations about the needs for, and library role in, local dataset management.

Support for Research Workflows

OCLC Research and the UK's Research Information Network (RIN) are conducting a collaborative project to examine the use and provision of information-related tools and services to researchers throughout the lifecycle of the research process.

Supporting Research Dissemination

An examination of researchers' non-traditional dissemination behaviors in order to identify new support roles for libraries.

Survey of Current Practice in Research Assessment

A study of the role of research libraries in the higher education research assessment regimes in five countries.

Selected Studies:

- Beagrie, Neil, Robert Beagrie and Ian Rowlands. 2009. "Research data preservation and access: the views of researchers." *Ariadne* 60 (July). http://www.ariadne.ac.uk/issue60/beagrie-et-al/
- Denmark's Electronic Research Library (DEFF). 2009. *The Future of research and the research library.* Copenhagen: DEFF.
 - http://www.bibliotekogmedier.dk/fileadmin/publikationer/rapporter_oevrige/deff/the_future_research/index.htm
- Digital Curation Centre (DCC). 2010. *Open to All? Case studies of openness in research.* London: RIN/NESTA. http://www.rin.ac.uk/our-work/data-management-and-curation/open-science-case-studies
- Feijen, Martin. 2011. What researchers want: a literature study of researchers' requirements with respect to storage and access to data. Utrecht: SURFfoundation. http://www.surffoundation.nl/nl/publicaties/Documents/What researchers want.pdf
- Green, John and David Langley. 2009. *Professionalising research management*. London:

- Higher Education Funding Council for England (HEFCE) and the Medical Research Council (MRC). http://researchsupport.leeds.ac.uk/images/uploads/docs/PRMReport.pdf
- Harley, Diane, Sophia Krzys Acord, Sarah Earl-Novell, Shannon Lawrence, and C. Judson King.
 2010. Assessing the future landscape of scholarly communication: an exploration of faculty values and needs in seven disciplines. Berkeley: UC Berkeley Center for Studies in Higher Education. http://escholarship.org/uc/cshe fsc
- Hey, Tony, Stewart Tansley, and Kristin Tolle, eds. 2009. *The Fourth paradigm: data-intensive scientific discovery.* Redmond, Washington: Microsoft Research.
- Key Perspectives Ltd. 2010. Data dimensions: disciplinary differences in research data sharing, reuse and long term viability.
 http://www.dcc.ac.uk/sites/default/files/documents/publications/SCARP-Synthesis.pdf
- Kroll, Susan and Rick Forsman. 2010. A Slice of research life: information support for research in the United States. Dublin, Ohio: OCLC Research. http://www.oclc.org/research/publications/library/2010/2010-15.pdf
- MacColl, John. 2010. Research assessment and the role of the library. Dublin, Ohio: OCLC Research. http://www.oclc.org/research/publications/library/2010/2010-01.pdf
- MacColl, John, James Toon, Ricky Erway and Jennifer Schaffner. 2011. *New modes of research dissemination and support*. Edinburgh: ERIS. Forthcoming.
- Palmer, Carole L., Lauren C. Teffeau, and Carrie M. Pirmann. 2009. Scholarly information practices in the online environment: themes from the literature and implications for library service development. Report commissioned by OCLC Research.
 http://www.oclc.org/research/publications/library/2009/2009-02.pdf
- Pritchard, Sarah, Smiti Anand, and Larry Carver. 2005. "Informatics and Knowledge Management of Faculty Research Data." Educause 2005 (2).
 http://net.educause.edu/ir/library/pdf/ERB0502.pdf
- Research Information Network (RIN). 2008, Ensuring a bright future for libraries: a guide for vice-chancellors and senior institutional managers. London: RIN. www.rin.ac.uk/bright-futureslibraries
- Research Information Network (RIN). 2010. Research support services in selected UK universities.
 London: RIN.
 - http://www.rin.ac.uk/system/files/attachments/Research_Support_Services_in_UK_Universities_report_for_screen.pdf
- Schonfeld, Roger and Ross Housewright. 2010. *Ithaka S + R faculty survey 2009: key strategic insights for libraries, publishers, and societies.* New York: Ithaka. http://www.ithaka.org/ithaka-s-r/research/faculty-surveys-2000-2009/Faculty%20Study%202009.pdf
- Swan, Alma and Sheridan Brown. 2008. The Skills, role and career structure of data scientists and curators: an assessment of current practice and future needs.
 http://www.jisc.ac.uk/media/documents/programmes/digitalrepositories/dataskillscareersfinalr eport.pdf
- University of Minnesota Libraries. 2006. A Multi-dimensional framework for academic support: a final report.

- http://conservancy.umn.edu/bitstream/5540/1/UMN Multidimensional Framework Final Report.pdf
- University of Minnesota Libraries. 2011. *Discoverability, phase 2: final report*. http://conservancy.umn.edu/bitstream/99734/3/DiscoverabilityPhase2ReportFull.pdf
- Williams, Robin and Graham Pryor. 2009. *Patterns of information use and exchange: case studies of researchers in the life sciences.* London: Research Information Network and the British Library. http://www.rin.ac.uk/our-work/using-and-accessing-informationresources/patterns-information-use-and-exchange-case-studie