## E-science and Academic Libraries Bibliography

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Houston: Digital Scholarship, 2011

#### Introduction

This brief selective bibliography presents English-language articles, books, editorials, and technical reports that are useful in understanding the broad role of academic libraries in escience efforts. Its scope is narrow, and it does not cover data curation and research data management issues in libraries. Most sources were published from 2007 through October 2011. It is available as a website and a website PDF with live links (3 pages).

The bibliography does not cover conference papers, digital media works (such as MP3 files), e-mail messages, interviews, letters to the editor, presentation slides or transcripts, unpublished e-prints, or weblog postings.

### **Bibliography**

Alvaro, Elsa, Heather Brooks, Monica Ham, Stephanie Poegel, and Sarah Rosencrans. "Escience Librarianship: Field Undefined." *Issues in Science and Technology Librarianship*, no. 66 (2011). http://www.istl.org/11-summer/article1.html

Association of Research Libraries. *To Stand the Test of Time: Long-Term Stewardship of Digital Data Sets in Science and Engineering*. Washington, DC: Association of Research Libraries, 2006. http://www.arl.org/bm~doc/digdatarpt.pdf

Baykoucheva, Svetla. "What Do Libraries Have to Do with E-science? An Interview with James L. Mullins, Dean of Purdue University Libraries." *Chemical Information Bulletin* 63, no. 1 (2011): 45-49. http://drum.lib.umd.edu/handle/1903/11843

Brandt, D. Scott. "Librarians as Partners in E-research: Purdue University Libraries Promote Collaboration." *College & Research Libraries News* 68, no. 6 (2007): 365-396. http://crln.acrl.org/content/68/6/365.full.pdf+html

Creamer, Andrew, Myrna Morales, Javier Crespo, Donna Kafel, and Elaine Russo Martin. "Assessment of Health Sciences and Science and Technology Librarian E-science Educational Needs to Develop an E-science Web Portal for Librarians " *Journal of the Medical Library Association* 99, no. 2 (2011): 153-156. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3066590/

Delserone, Leslie M. "At the Watershed: Preparing for Research Data Management and Stewardship at the University of Minnesota Libraries." *Library Trends* 57, no. 2 (2008): 202-210. http://www.ideals.illinois.edu/handle/2142/10670

Gabridge, Tracy. "The Last Mile: Liaison Roles in Curating Science and Engineering Research Data." *Research Library Issues: A Bimonthly Report from ARL, CNI, AND SPARC*, no. 265 (2009): 15-21. http://www.arl.org/bm~doc/rli-265-gabridge.pdf

Garritano, Jeremy R., and Jake R. Carlson. "A Subject Librarian's Guide to Collaborating on E-science Projects." *Issues in Science and Technology Librarianship*, no. 57 (2009). http://www.istl.org/09-Spring/refereed2.html

Gold, Anna. "Cyberinfrastructure, Data, and Libraries, Part 1: A Cyberinfrastructure Primer for Librarians." *D-Lib Magazine* 13, no. 9/10 (2007). http://www.dlib.org/dlib/september07/gold/09gold-pt1.html

———. "Cyberinfrastructure, Data, and Libraries, Part 2: Libraries and the Data Challenge: Roles and Actions for Libraries." *D-Lib Magazine* 13, no. 9/10 (2007). http://www.dlib.org/dlib/september07/gold/09gold-pt2.html

Haas, Jennifer, and Sharon Murphy. "E-science and Libraries: Finding the Right Path." *Issues in Science and Technology Librarianship*, no. 57 (2009). http://www.istl.org/09-spring/viewpoint1.html

Heidorn, P. Bryan. "The Emerging Role of Libraries in Data Curation and E-science." Journal of Library Administration 51, no. 7-8 (2011): 662-672. http://www.tandfonline.com/doi/abs/10.1080/01930826.2011.601269

Hey, Tony, and Jessie Hey. "E-science and Its Implications for the Library Community." Library Hi Tech 24, no. 4 (2006): 515-528. http://hdl.handle.net/10760/9202

Joint, Nicholas. "Data Preservation, the New Science and the Practitioner Librarian." Library Review 56, no. 6 (2007): 451-455. http://www.emeraldinsight.com/journals.htm? articleid=1617069

Joint Task Force on Library Support for E-Science. Agenda for Developing E-science in Research Libraries: Final Report and Recommendations to the Scholarly Communication Steering Committee, the Public Policies Affecting Research Libraries Steering Committee, and the Research, Teaching, and Learning Steering Committee. Washington, DC: Association of Research Libraries, 2007. http://www.arl.org/bm~doc/ARL EScience final.pdf

Jones, Elisabeth. *E-science Talking Points for ARL Deans and Directors*. Washington, DC: Association of Research Libraries, 2008. http://www.arl.org/bm~doc/e-science-talking-points.pdf

Marcum, Deanna B., and Gerald George, eds. *The Data Deluge: Can Libraries Cope with E-science?* Santa Barabara: Libraries Unlimited, 2010.

Osswald, Achim. "E-science and Information Services: A Missing Link in the Context of Digital Libraries." *Online Information Review* 32, no. 4 (2008): 516-523. http://www.emeraldinsight.com/journals.htm?articleid=1740716

Rambo, Neil. "E-science and Biomedical Libraries." *Journal of the Medical Library Association* 97, no. 3 (2009): 159-161. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2706433/

Shearer, Kathleen, and Diego Argáez. Ottawa: *Addressing the Research Data Gap: A Review of Novel Services for Libraries*. Canadian Association of Research Libraries, 2010. http://www.carl-abrc.ca/about/working\_groups/pdf/library\_roles-final.pdf

Soehner, Catherine, Catherine Steeves, and Jennifer Ward. *E-science and Data Support Services: A Study of ARL Member Institutions*. Washington, DC: Association of Research Libraries, 2010. http://www.arl.org/bm~doc/escience\_report2010.pdf

# Related Bibliographies

| . Digital Curation and Preservation Bibliography 2010. Houston: Digital Scholarship 2011. http://digital-scholarship.com/dcpb/dcpb2010.htm |
|--|
|  |
| ———. Scholarly Electronic Publishing Bibliography 2010. Houston: Digital Scholarship.  |

2011. http://digital-scholarship.com/sepb/annual/sepb2010.htm

——. *Transforming Scholarly Publishing through Open Access: A Bibliography*. Houston: Digital Scholarship, 2010. http://digital-scholarship.org/tsp/transforming.htm

### Citation

Charles W. Bailey, Jr., *E-science and Academic Libraries Bibliography* (Houston: Digital Scholarship, 2011). http://digital-scholarship.org/ealb/ealb.htm.

Bailey, Charles W., Jr. *E-science and Academic Libraries Bibliography*. Houston: Digital Scholarship, 2011. http://digital-scholarship.org/ealb/ealb.htm.

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