Carole L. Palmer

Professor and Associate Dean for Research
Information School
University of Washington
Box 352840
Mary Gates Hall, Suite 370
Seattle, WA 98195-2840
clpalmer@uw.edu

Education

Ph.D.   University of Illinois at Urbana-Champaign, Library & Information Science, 1996.
M.L.S. Vanderbilt University, George Peabody College, 1986.
B. A.   Southern Illinois University, Psychology, 1980.

Appointments

2015 – present   Associate Dean for Research, Information School, University of Washington

2014 – present   Professor, Information School, University of Washington

Sept.-Dec. 2017   Interim Dean, Information School, University of Washington

2007 – 2014   Director, Center for Informatics Research in Science and Scholarship
                  (CIRSS), Graduate School of Library and Information Science, University of
                  Illinois at Urbana-Champaign

2009 – 2014   Professor, Graduate School of Library and Information Science, University of
                  Illinois at Urbana-Champaign

2002 – 2009   Associate Professor, Graduate School of Library and Information Science,
                  University of Illinois at Urbana-Champaign

1996 – 2002   Assistant Professor, Graduate School of Library and Information Science,
                  University of Illinois at Urbana-Champaign

1995 – 1996   Visiting Instructor, Graduate School of Library and Information Science,
                  University of Illinois at Urbana-Champaign

Research Areas

Data curation
Digital research collections
Information and interdisciplinary science & scholarship

Grants

Senior personnel, Co-Designing Protocols for Data Creation, Analysis, and Use among Local
       Care Networks in Seattle and Boston to Enhance Disaster Resilience, NSF/CNS, 2021.
       $49,997. PI, Nic Weber, University of Washington.
Co-PI, Qualitative Data Repository [Phase 3]. NSF/SES, 2018-2021, $1,667,886. PI, Colin
       Elman, Syracuse University. UW subaward: $271,777, PI, Nic Weber, University of
       Washington.
Co-PI, Privacy Interoperability, Sloan Foundation, 2018-2020. $420,815. PI, Nicholas Weber,
       University of Washington.

Co-PI, DCC Curation Lifecycle Model 2.0, Sloan Foundation, 2018-2019. PI, Sayeed Choudhury, John Hopkins University. UW subaward of $6,117.

PI, Open Data for Public Good: Data Literacy Education for Public Information Professionals, IMLS/LB21, 2016-2021, $690,858. Co-PI, Nic Weber, University of Washington. Extended to 2021.

Co-PI, Qualitative Data Repository [phase 2], NSF/SES, 2016-2018, $986,787. PI, Colin Elman, Syracuse University. UW subaward, $140,709.

Co-PI, Qualitative Data Repository, NSF/SES, 2015-2016, $899,042. PI. Colin Elman, Syracuse University. UW subaward, $126,250.

Co-PI, Acquisition of a National CyberGIS Facility for Computing and Data-Intensive Geospatial Research and Education, NSF/MRI, 2014-2018, $1,787,335. PI, Shaowen Wang, University of Illinois at Urbana-Champaign. (Participation ended in 2015).

PI, Curating and Profiling Data, John Deere, 2013, $41,126.

PI, Site-Based Data Curation for Small Science, IMLS/NLG, 2012-2014, $499,919. Co-PIs, Bruce Fouke, University of Illinois; Sayeed Choudhury, JHU; Ann Rodman, Yellowstone National Park.

Key Personnel, Digital Humanities Data Curation Institutes, NEH, 2012-2014, $248,721. PI, Trevor Muñoz, MITH, University of Maryland, Co-PIs, Julia Flanders, Brown University and Megan Senseney, University of Illinois. Illinois subaward, $145,010.

Key Personnel, Developing a Model for Sociotechnical Data Analytics Education, IMLS/LB, 2012-2015, $498,777, PI, Cathy Blake, University of Illinois.

PI, Digital Collections & Content extension, IMLS/NLG, 2012-2013, $72,288.

PI, DPLA Beta Sprint Development, DPLA/Harvard, 2012-2013, $64,670.

Co-PI, Developing a Prototype for the Digital Public Library of America, Andrew W. Mellon Foundation, 2011. $45,884. PI, Rachel Frick, Digital Library Federation/CLIR.

Key Personnel, Libraries and the Transformation of the Humanities, IMLS/NLG, 2011-2013, Illinois subaward, $146,684. PI, Sayeed Choudhury, JHU. Co-PIs, Greg Crane, Tufts; Allen H. Renear, University of Illinois.

Key Personnel, Open Annotation Collaboration Phase II: Demonstration and Refinement, Andrew W. Mellon Foundation, 2011-2012, $673,944. PI, Tim Cole, Co-PIs, Jane Hunter, Queensland; Doug Reside, Maryland Institute for the Humanities, University of Maryland; Herbert Van de Sompel, Los Alamos.

Key Personnel, Improving Management of Transportation Information, National Academies, National Cooperative Highway Research Program (NCHRP), 2011-2012, $121,992. PI, Eric Ziering, Cambridge Systematics. Subcontract to Illinois, PI, Jon Gant.

PI, Data Curation Education in Research Centers, IMLS/LB, 2010-2014, $988,543. Co-PIs, Mary Marlino, National Center for Atmospheric Research; Carol Tenopir and Suzie Allard, University of Tennessee.

PI, Advancing the IMLS DCC to Promote Our Collective Cultural Heritage, IMLS/NLG, 2010-2013, $688,493. Co-PIs, Tim Cole, Miles Efron, Tom Habing, and Sarah Shreeves, University of Illinois.

Co-PI, Data Conservancy, NSF/OCI, 2009-2012. Awarded at $20,000,000. PI, Sayeed Choudhury, Johns Hopkins University. Illinois subaward, $1,189,885.

Key Personnel, Open Annotation Collaboration, Andrew W. Mellon Foundation, 2009-2010, $362,000. PIs, Tim Cole, University of Illinois; Neil Fraistatrand, University of Maryland; Jane Hunter, University of Queensland; Herbert Van de Sompel, Los Alamos National Laboratory.

PI, IMLS DCC Flickr Feasibility Study, IMLS/NLG, supplemental, 2009-2010, $71,910.

Co-PI, Extending Data Curation to the Humanities: Curriculum Development and Recruiting, IMLS/LB, 2008-2011, $892,028. PI, Allen H. Renear.

PI, Disciplinary Research Behaviors and Library Services in the Online Environment, OCLC Research, 2008, $16,064.

PI, Next Generation Digital Federations: Adding Value through Collection Evaluation, Metadata Relations, and Strategic Scaling, IMLS/NLG, 2007-2010, $975,903. Co-PIs, Allen H. Renear, Mike Twidale, Tim Cole, Sarah Shreeves, and Bill Mischo.

Co-PI, Investigating Data Curation Profiles across Multiple Research Disciplines, IMLS/NLG, 2007-2009, $421,068. PI, Scott Brandt, Purdue University. Illinois subaward, $182,520.

PI, Identifying Factors of Success in CIC Institutional Repository Development, Andrew W. Mellon Foundation, 2007-2008, $49,000.

Co-PI, Centuries of Knowledge: Data Curation Educational Program, IMLS/LB, 2006-2009. PI, Bryan Heidorn, Co-PIs, Linda C. Smith and John Unsworth, $852,503.

PI, Graduate Program for Scientific Information Specialists: Getting Past the Prototype in Biological Informatics, NSF/IIS/Collaborative Systems, 2006-2009, $249,189. Co-PI, Bryan Heidorn.

Co-PI, IMLS Collection Registry & Metadata Repository, IMLS, 2002-2007, $839,303. PI, Tim Cole.

PI, Electronic Journals in the Humanities: Patterns of Use and Measures of Impact, UIUC Research Board, 2005-2006, $17,839.

PI, Information Work and Discovery Potentials in Neuroscience Research, NSF/CISE/DST, 2002-2006, $346,870.

PI, Discovery in Neuroscience Research: The Role of Information in Practice, University of Illinois Campus Research Board, 2002-2003, $18,718.

PI, The Information Needs and Information Environment of AIDS Patients: A National Survey, VHConcepts, Inc., 2002, $10,900.

Co-PI, An Internet Environment for Biodiversity Survey Collaboration and Verification, NSF/ITR/IM, 2002-2004, $475,866. PI, Bryan Heidorn, Co-PIs, Michael Jeffords and Marylin Lisowski.

PI, The Information Environments of Humanities Scholars, Council on Library and Information Resources and the Digital Library Federation, 2000, $10,000.

PI, Scholarly Work in the Humanities and the Evolving Information Environment: A Study of the Transition to Digital Full-Text Resources, 1999, $16,400. Co-PI, William S. Brockman, University of Illinois Campus Research Board.

PI, Boundary Work in the Humanities: The Role of Information in Interdisciplinary Research, University of Illinois Campus Research Board, 1997-1998, $6,250.

Publications

Peer reviewed journal and conference papers

1. Yan, An, Huang, Caihong, Lee, Jian-Sin, & Palmer, Carole L. (2020). Cross-disciplinary data practices in Earth System Science: Aligning services with reuse and reproducibility priorities. Proceedings of the American Society for Information Science & Technology, 57(1). Best Long Paper Award.
2. Choudhury, Sayeed, Huang, Caihong, & Palmer, Carole L. (2020). Updating the DCC Curation Lifecycle Model. 15th International Digital Curation Conference (IDCC), February 17-20, 2020, Dublin, Ireland.
   [Under review for International Journal of Digital Curation, 15(1), with conference

postprint available at http://www.ijdc.net/article/view/721]

3. Thomer, Andrea, Wickett, Karen, Baker, Karen S., Fouke, Bruce, & **Palmer, Carole L**. (2018). Documenting provenance in non-computational workflows: Development of Research Process Models through a case study of geobiology research in Yellowstone National Park. *Journal of the Association for Information Science & Technology,* 69(10), 1234-1245. https://doi.org/10.1002/asi.24039.

4. **Palmer, Carole L**., Thomer, Andrea, Baker, Karen S., Wickett, Karen M., Hendrix, Christie L., Rodman, Ann, Sigler, Stacey, Fouke, Bruce W. (2017). Site-based data curation based on hot spring geobiology. *PLoS ONE* 12(3): e0172090. https://doi.org/10.1371/journal.pone.0172090.

5. Chao, Tiffany C., Cragin, Melissa H., & **Palmer, Carole L.** (2015). Data Practices and Curation Vocabulary (DPCVocab): An empirically derived framework of scientific data practices and curatorial processes. *Journal of the Association for Information Science & Technology*, 66(3), 616–633.

6. Thompson, Cheryl A., Mayernik, Matthew S., **Palmer, Carole L.**, Allard, Suzie, & Tenopir, Carol. (2015). LIS programs and data centers: Integrating expertise. iConference, March 24-27, Newport Beach, CA.

7. Mayernik, Matthew S., Thompson, Cheryl A., Williams, Valerie, Allard, Suzie, **Palmer, Carole L.**, & Tenopir, Carol. (2015). Enriching education with exemplars in practice: Iterative development of data curation internships. *International Journal of Digital Curation,* 10(1), 123-134.

8. **Palmer, Carole L.**, Thompson, Cheryl A., Baker, Karen S., & Senseney, Megan. (2014). Meeting data workforce needs: Indicators based on recent data curation placements. iConference, March 4-7, 2014, Berlin, Germany.

9. **Palmer, Carole L.**, Weber, Nicholas M., Muñoz, Trevor, & Renear, Allen H. (2013). Foundations of data curation: The pedagogy and practice of 'purposeful work' with research data. *Archive Journal,* 3.

10. Kelly, Karon, Marlino, Mary, Mayernik, Matthew S., Allard, Suzie, Tenopir, Carol, **Palmer, Carole L.**, & Varvel, Virgil E. Jr. (2013). Model development for scientific data curation education. *International Journal of Digital Curation*, 8(1), 255-264. http://ijdc.net/index.php/ijdc/article/view/258/0

11. Weber, Nicholas M., Baker, Karen S., Thomer, Andrea K., Chao, Tiffany C., & **Palmer, Carole L.** (2012). Value and context in data use: Domain analysis revisited. *Proceedings of the American Society for Information Science & Technology*, 49(1).

12. Weber, Nicholas M., **Palmer, Carole L.**, & Chao, Tiffany C. (2012). Current trends and future directions in data curation research and education. *Journal of Web Librarianship*, 6(4), 305-320.

13. **Palmer, Carole L.**, Weber, Nicholas M., & Cragin, Melissa H. (2011). The analytic potential of scientific data: Understanding re-use potential. *Proceedings of the American Society for Information Science & Technology*, 48(1).

14. **Palmer, Carole L.**, Zavalina, Oksana, & Fenlon, Katrina. (2010). Beyond size and search: Building contextual mass in aggregations for scholarly use. *Proceedings of the American Society for Information Science & Technology*, 47(1).

15. Cragin, Melissa H., **Palmer, Carole L.**, Carlson, Jacob R., & Witt, Michael. (2010). Data sharing, small science, and institutional repositories. *Philosophical Transactions of the Royal Society A,* 368(1926), 4023-4038.

16. Renear, Allen H., & **Palmer, Carole L.** (2009). Strategic reading, ontologies, and the future of scientific publishing. *Science*, 325(5942), 828-832.

17. Chilana, Parmit K., **Palmer, Carole L.**, & Ko, Andrew J. (2009). Comparing bioinformatics software development by computer scientists and biologists: An exploratory study. Software Engineering for Computational Science and Engineering, 2009, ICSE Workshop, 72-79. DOI 10.1109/SECSE.2009.5069165.

18. Hill, Jennifer I., MacMullen, W. John, & **Palmer, Carole L.** (2009). Characteristics of bioinformatics employment advertisements. *Proceedings of the American Society for Information Science & Technology*, 46(1).

19. Zavalina, Oksana, **Palmer, Carole L.**, Jackson Amy S., & Han, M-J. (2008). Evaluating descriptive richness in collection-level metadata. *Journal of Library Metadata* 8(4), 263-292.

20. Zavalina, Oksana, **Palmer, Carole L.,** Jackson, Amy S., & Han, M-J. (2008). Assessing descriptive substance in collection-level metadata. DCMI International Conference on Dublin Core and Metadata Applications, September 22-26, 2008, Berlin, Germany. http://dcpapers.dublincore.org/pubs/article/view/930

21. Renear, Allen H., Urban, Richard, Wickett, Karen, **Palmer, Carole L.**, & Dubin, David. (2008). Sustaining collection value: Managing collection/item metadata relationships. *Proceedings of the Digital Humanities Conference*, June 25-29, 2008, Oulu, Finland.

22. **Palmer, Carole L.**, Heidorn, P. Bryan, Wright, Dan, & Cragin, Melissa H. (2007). Graduate curriculum for biological information specialists: A key to integration of scale in biology. *International Journal of Digital Curation*, 2(2), 31-40. http://www.ijdc.net/index.php/ijdc/article/view/42

23. **Palmer, Carole L.**, Zavalina, Oksana, & Mustafoff, Megan. (2007). Trends in metadata practices: A longitudinal study of collection federation. *Proceedings of the 7th ACM/IEEE Joint Conference on Digital Libraries*, June 18-23, 2007, Vancouver, British Columbia, Canada, 386-395.

24. **Palmer, Carole L.**, Cragin, Melissa H., & Hogan, Timothy P. (2007). Weak information work in scientific discovery. *Information Processing and Management*, 43(3), 808-820.

25. Heidorn, P. Bryan, **Palmer, Carole L.**, & Wright, Dan. (2007). Biological information specialists for biological informatics. *Journal of Biomedical Discovery and Collaboration*, 2(1). http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1802079/

26. **Palmer, Carole L.**, Knutson, Ellen, Twidale, Michael B., & Zavalina, Oksana. (2006). Collection definition in federated digital resource development. *Proceedings of the American Society of Information Science & Technology Annual Meeting*, November 3-8, 2006, Austin, Texas.

27. **Palmer, Carole L.** (2006). Weak information work and "doable" problems in interdisciplinary science. *Proceedings of the American Society of Information Science & Technology*, 43.

28. **Palmer, Carole L.** (2005). Scholarly work and the shaping of digital access. *Journal of the American Society for Information Science and Technology*, 56(11), 1140-1153.

29. Shreeves, Sarah L., Knutson, Ellen M., Stvilia, Besiki, **Palmer, Carole L.**, Twidale, Michael B., & Cole, Timothy. (2005). Is 'quality' metadata 'shareable' metadata? The implications of local metadata practice on federated collections. *Proceedings of the Twelfth National Conference of the Association of College and Research Libraries*, April 7-10, 2005, Minneapolis, MN. https://ideals.illinois.edu/handle/2142/9154

30. Hogan, Timothy P., & **Palmer, Carole L.** (2005). Information preferences and practices among people living with HIV/AIDS: Results from a nationwide survey. *Journal of the Medical Library Association*, 93(4), 431-439.

31. Hogan, Timothy P., & **Palmer, Carole L.** (2005). "Information work" and chronic illness: Interpreting results from a nationwide survey of people living with HIV/AIDS. *Proceedings of the American Society of Information Science & Technology*, 42(1).

32. **Palmer, Carole L.**, Cragin, Melissa H., & Hogan, Timothy P. (2004). Information at the intersections of discovery: Case studies in neuroscience. *Proceedings of the American Society for Information Science & Technology*, 41, 448-455.

33. **Palmer, Carole L.**, & Knutson, Ellen. (2004). Metadata practices and implications for federated collections. *Proceedings of the American Society for Information Science & Technology*, 41, 456-462.

34. **Palmer, Carole L.** & Neumann, Laura. (2002). The information work of interdisciplinary humanities scholars: Exploration and translation. *Library Quarterly*, 72(1), 85-117.

35. **Palmer, Carole L.**, & Malone, Cheryl K. (2001). Elaborate isolation: Metastructures of knowledge about women. *The Information Society*, 17(3), 179-194.

36. **Palmer, Carole L.** (1999). Aligning studies of information seeking and use with domain analysis. *Journal of the American Society for Information Science*, 50(12), 1139-1140.

37. **Palmer, Carole L.** (1999). Structures and strategies of interdisciplinary science. *Journal of the American Society for Information Science*, 50(3), 242-253.

Monographs, book chapters, and articles

38. **Palmer, Carole L.,** Weber, Nic, Throgmorton, Kaitlin, & Norlander, Bree. (under review). Public libraries and open government data: Partnerships for progress. Library Journal.

39. **Palmer, Carole L.,** & Fenlon, Katrina. (2017). Information research on interdisciplinarity. In *Oxford Handbook of Interdisciplinarity*, 2nd edition, edited by Robert Frodeman, Julie Thompson Klein, and Roberto Carlos Dos Santos Pacheco. New York, Oxford University Press.

40. Wickett, Karen M., Isaac, Antoine, Doerr, Martin, Fenlon, Katrina, Meghini, Carlo, & **Palmer, Carole L.** (2014). Representing cultural collections in digital aggregation and exchange environments. *D-Lib Magazine*, 20(5/6). http://www.dlib.org/dlib/may14/wickett/05wickett.html

41. Jett, Jacob, Senseney, Megan, & **Palmer, Carole L.** (2013). A model for providing Web 2.0 services to cultural heritage institutions: The IMLS DCC Flickr Feasibility Study. *D-Lib Magazine*, 19(5/6). http://www.dlib.org/dlib/may13/jett/05jett.html

42. Stanton, Jeffrey, **Palmer, Carole, L.**, Blake, Cathy, & Allard, Suzie. (2012). Interdisciplinary data science education. In *Special Issues in Data Management*, edited by Norah Xiao and Leah Rae McEwen. Washington, DC, American Chemical Society, pp. 97-113.   **[PEER REVIEWED]**

43. **Palmer, Carole L.** (2010). Information research on interdisciplinarity. In *Oxford Handbook of Interdisciplinarity*, edited by Robert Frodeman, Julie Thompson Klein, and Carl Mitcham. New York, Oxford University Press, pp. 174-188.

44. **Palmer, Carole L.**, Teffeau, Lauren C., & Pirmann, Carrie M. (2009). *Scholarly Information Practices in the Online Environment: Themes from the Literature and Implications for Library Service Development*. Dublin, OH: OCLC Research and Programs. www.oclc.org/research/publications/library/2009/2009-02.pdf **[COMMISSIONED]**

45. **Palmer, Carole L.,** & Cragin, Melissa H. (2008). Scholarship and disciplinary practices. *Annual Review of Information Science and Technology*, 42, 165-212.

46. **Palmer, Carole L.**, Teffeau, Lauren C., & Newton, Mark P. (2008). Strategies for institutional repository development: A case study of three evolving initiatives. *Library Trends*, 57(2), 142-167.

47. **Palmer, Carole L.** (2004). Thematic research collections. In *Companion to Digital Humanities*, edited by Susan Schreibman, Ray Siemens, and John Unsworth. Oxford: Blackwell, pp. 348-365. http://www.digitalhumanities.org/companion/view?docId=blackwell/9781405103213/9781405103213.xml&chunk.id=ss1-4-5

48. **Palmer, Carole L.** (2001). *Work at the Boundaries of Science: Information and the Interdisciplinary Research Process*. Dordrecht: Kluwer.

49. Brockman, William S., Neumann, Laura, **Palmer, Carole L.,** & Tidline, Tonyia. (2001). *Scholarly Work in the Humanities and the Evolving Information Environment*. Washington, D.C.: Digital Library Federation and the Council on Library and Information Resources. http://www.clir.org/pubs/abstract//reports/pub104

50. **Palmer, Carole L.** (2001). The information connection in scholarly synthesis. In *Discourse Synthesis: A Volume Dedicated to the History and Theory of Knowledge Cumulation*, edited by Raymond G. McInnis. Westport, CT: Praeger, pp. 125-141.

51. **Palmer, Carole L.** (1998). Ways of working and knowing across boundaries: Research practices of interdisciplinary scientists. In *Finding Common Ground: Creating the Library of the Future without Diminishing the Library of the Past*, edited by Cheryl LaGuardia and Barbara A. Mitchell. New York: Neal-Schuman, 253-261.

52. **Palmer, Carole L.,** ed. (1996). Introduction. Navigating among the disciplines: The library and interdisciplinary inquiry. *Library Trends*, 45(2), 129-133.   **[EDITOR]**

53. **Palmer, Carole L.** (1996). Information work at the boundaries of science: Linking information services to research practices. *Library Trends*, 45(2), 165-191.

54. **Palmer, Carole L.** (1996). Practices and Conditions of Boundary Crossing Research Work: A Study of Scientists at an Interdisciplinary Institute. Doctoral dissertation. University of Illinois at Urbana-Champaign. http://hdl.handle.net/2142/23431

Peer reviewed short papers, abstracts, posters

55. Throgmorton, Kaitlin Fender, Norlander, Bree, & **Palmer, Carole L**. (2020). Open data in public libraries: Gauging activities and supporting ambitions. Proceedings of the American Society for Information Science & Technology, 57(1).

56. Choudhury, Sayeed, & **Palmer, Carole L**. (2019). DCC Curation Lifecycle Model 2.0. 14th International Digital Curation Conference (IDCC), February 4-7, 2019, University of Melbourne, Melbourne, Australia.

57. Yan, An, Huang, Caihong, & **Palmer, Carole L**. (2018). Data reuse and reproducibility in Earth System Science: A survey of current practices, barriers, and expectations. American Geophysical Union Fall Meeting, December 10-14, Washington, D.C.

58. Weber, Nicholas, Norlander, Bree, & **Palmer, Carole L.** (2018). Advancing open data: Aligning education with public sector data challenges. Association for Information Science & Technology Annual Meeting, November 10-14, Vancouver, British Columbia, Canada.

59. Thomer, Andrea, & **Palmer, Carole L.** (2017). Supporting geoinformatics with site-based data curation: Development of a collaborative and interdisciplinary information

framework. Geological Society of America Annual Meeting, October 22-25, Seattle, Washington.

60. Weber, Nicholas M., Yan, An, & **Palmer, Carole L.** (2017). Open Data Literacy project. iConference, March 22-25, Wuhan, China.

61. Weber, Nicholas M., Elman, Colin, Kapiszewski, Diana, Karcher, Sebastian, **Palmer, Carole L**. (2016). Annotation for transparent inference (ATI): Selecting a platform for qualitative research based on individual sources. International Association for Social Science Information Services & Technology (IASSIST), June 2, 2016, Bergen, Norway.

62. Hou, Chung-Yi, Thompson, Cheryl A., and **Palmer, Carole L.** (2014). Repository profiles for atmospheric and climate sciences: Capabilities and trends in data services. American Geophysical Union Fall Meeting, December 15-19, 2014, San Francisco, CA.

63. Thomer, Andrea K., **Palmer, Carole L.**, Fouke, Bruce W., Dilauro, Timothy, Jett, Jacob G., Gordon, Sean, Baker, Karen. (2014). Linking geobiology fieldwork and data curation through workflow documentation. American Geophysical Union Fall Meeting, December 15-19, 2014, San Francisco, CA.

64. Dilauro, Timothy, Jett, Jacob G., Gordon, Sean, Thomer, Andrea K., Fouke, Bruce W., & **Palmer, Carole L**. (2014). Sharing site-based research data: Standardizing and packaging for reuse. American Geophysical Union Fall Meeting, December 15-19, 2014, San Francisco, CA.

65. Thomer, Andrea K., Gordon, Sean, DiLauro, Timothy, Baker, Karen, Jett, Jacob G., **Palmer, Carole L.**, Fouke, Bruce W. (2014). Aggregating and integrating geobiological data from Yellowstone National Park: A prototype data portal. 12th Biennial Scientific Conference on the Greater Yellowstone Ecosystem, October 6-8, 2014, Mammoth Hot Springs, Yellowstone National Park, WY.

66. Hou, Chung-Yi, Thompson, Cheryl A., **Palmer, Carole L.** (2014). Profiling open digital repositories in the Atmospheric and Climate Sciences: An initial survey. Association for Information Science & Technology Annual Meeting, October 31- November 5, 2014, Seattle, WA.

67. Gordon, Sean, Thomer, Andrea K., DiLauro, Timothy, Jett, Jacob G., Fouke, Bruce W., **Palmer, Carole L.** (2014). Site Based Data Curation: Developing a data portal for geobiologists at Yellowstone National Park. Association for Information Science & Technology Annual Meeting, October 31- November 5, 2014, Seattle, WA.

68. **Palmer, Carole L.**, Thompson, Cheryl A., Mayernik, Matthew S., Williams, Valerie, & Allard, Suzie. (2014). Data Curation Education in Research Centers: Formative evaluation results from 2012-2013 cohorts. 9th International Digital Curation Conference, February 24-27, 2014, San Francisco, CA.

69. Weber, Nicholas. M., & **Palmer, Carole L.** (2014). Extending curation profiles to study enterprise-level data practices. iConference, March 4-7, 2014, Berlin, Germany.

70. Thomer, Andrea K., **Palmer, Carole L.**, Fouke, Bruce W., Rodman, Ann, Choudhury, G. Sayeed, Baker, Karen S., Asangba, Abby E., Wickett, Karen, DiLauro, Tim, & Varvel, Virgil Jr. (2013). Outcomes of the Data Curation for Geobiology at Yellowstone National Park Workshop. American Geophysical Union Fall Meeting, December 9-13, 2013, San Francisco, CA.

71. Baker, Karen S., **Palmer, Carole L.**, Thomer, Andrea K., Wickett, Karen, DiLauro, Tim, Asangba, Abby E., Fouke, Bruce W., & Choudhury, G. Sayeed. (2013). Two-stream model: Toward data production for sharing field science data. American Geophysical Union Fall Meeting, December 9-13, 2013, San Francisco, CA.

72. **Palmer, Carole L.**, Mayernik, Matthew S., Weber, Nicholas M., Baker, Karen S., Kelly, Karon, Marlino, Mary R., & Thompson, Cheryl A. (2013). Research problems in data

curation: Outcomes from the Data Curation Education in Research Centers Program. American Geophysical Union Fall Meeting, December 9-13, 2013, San Francisco, CA.

73. **Palmer, Carole L.**, Thomer, Andrea K., Baker, Karen S., Wickett, Karen, Choudhury, G. Sayeed, et al. (2013). Building a framework for site-based data curation. Association for Information Science & Technology Annual Meeting, November 1-6, 2013, Montreal, Quebec, Canada.

74. Thompson, Cheryl, A., Senseney, Megan, Baker, Karen S., Varvel, Virgil, E., & **Palmer, Carole L.** (2013). Specialization in Data Curation: Preliminary results from an alumni survey, 2008-2012. Association for Information Science & Technology Annual Meeting, November 1-6, 2013, Montreal, Quebec, Canada.

75. Mayernik, Matthew S., Kelly, Karon, Marlino, Mary, Allard, Suzie, Tenopir, Carol, & **Palmer, Carole L.** (2013). Data Curation Education in Research Centers (DCERC). Geological Society of America Annual Meeting, October 27-30, 2013, Denver, CO.

76. **Palmer, Carole L.**, Choudhury, G. Sayeed, & Thomer, Andrea K. (2013). Data sharing as a "broader impact": Results from the Site-Based Data Curation Project at Yellowstone National Park. Research Data Alliance, Second Plenary Meeting, September 16-18, 2013, Washington, D.C.

77. Jett, Jacob, Senseney, Megan, & **Palmer, Carole L.** (2013). Flickr feedback framework: A service model for leveraging user interactions. 12th ACM/IEEE-CS Joint Conference on Digital Libraries, July 22-26, 2013, Indianapolis, IN.

78. **Palmer, Carole L.**, Varvel, Virgil, E., Jr., Thomer, Andrea K., Baker, Karen S., Wickett, Karen M., et al. (2013). Site-Based Data Curation at Yellowstone National Park. Research Data Access and Preservation Summit (RDAP), April 4-5, 2013, Baltimore, MD.

79. Choudhury, G. Sayeed, **Palmer, Carole L.**, Baker, Karen S., DiLauro, Timothy. (2013). Levels of services and curation for high-functioning data. 8th Annual International Digital Curation Conference, January 14-17, 2013, Amsterdam, Netherlands.

80. Marlino, Mary, Mayernik, Matthew S., Kelly, Karon, Allard, Suzie, Tenopir, Carol, **Palmer, Carole L.**, Varvel, Virgil E. Jr. (2012). Data Curation Education in Research Centers (DCERC). American Geophysical Union Fall Meeting, December 3-7, San Francisco, CA.

81. Jett, Jacob, Senseney, Megan, & **Palmer, Carole L.** (2012). Enhancing cultural heritage collections by supporting and analyzing participation in Flickr. American Society for Information Science & Technology Annual Meeting, October 26-30, Baltimore, MD.

82. **Palmer, Carole L.**, Chao, Tiffany C., Weber, Nicholas M., Sacchi, Simone, Wickett, Karen M., et al. (2012). Integrating conceptual and empirical studies of data to guide curatorial processes. Research Data Access & Preservation Summit (RDAP), March 22-23, 2012, New Orleans, LA.

83. Varvel, Virgil E., Jr., Bammerlin, Elin J., & **Palmer, Carole L.** (2012). Education for data professionals. iConference, February 7-10, 2012, Toronto, ON, Canada.

84. **Palmer, Carole L.**, Weber, Nicholas M., & Cragin, Melissa H. (2011). Analytic potential of data sets: Assessing reuse value. ACM/IEEE Joint Conference on Digital Libraries, June 13-17, 2011, Ottawa, ON, Canada.

85. Cragin, Melissa H., Chao, Tiffany, & **Palmer, Carole L.** (2011). Units of evidence for analyzing subdisciplinary difference in data practice studies. ACM/IEEE Joint Conference on Digital Libraries, June 13-17, 2011, Ottawa, ON, Canada.

86. **Palmer, Carole L.**, Allard, Suzi, & Marlino, Mary. (2011). Data Curation Education in Research Centers. iConference, February 8-11, 2011, Seattle, WA.

87. Cragin, Melissa H., **Palmer, Carole L.**, & Chao, Tiffany C. (2010). Relating data practices, types, and curation functions: An empirically derived framework. American Society for Information Science & Technology Annual Meeting, October 24-27, 2010, Pittsburgh, PA.

88. Jett, Jacob, **Palmer, Carole L.**, & Fenlon, Katrina. (2010). Extending the reach of our collective cultural heritage: The IMLS DCC Flickr feasibility study. American Society for Information Science & Technology Annual Meeting, October 24-27, 2010, Pittsburgh, PA.

89. Cragin, Melissa H., **Palmer, Carole L.**, Varvel, Virgil E. Jr., Collie, Aaron, & Dolan, Molly. (2009). Analyzing data curation job descriptions. 5th International Digital Curation Conference, December 2-4, 2009, London, UK. http://hdl.handle.net/2142/14544.

90. Renear, Allen H., & **Palmer, Carole L.** (2009). Strategic reading and scientific discourse. Workshop on Semantic Web Applications in Scientific Discourse. 8th International Semantic Web Conference (ISWC 2009), October 25-29, 2009, Washington, D.C.

91. Renear, Allen H., Teffeau, Lauren C., Hswe, Patricia, Dolan, Molly, **Palmer, Carole L.**, Cragin, Melissa H., & Unsworth, John. (2009). Extending an LIS data curation curriculum to include humanities data. DiggCCurr Conference, April 1-3, 2009, Chapel Hill, NC.

92. **Palmer, Carole L.**, Renear, Allen H., & Cragin, Melissa H. (2008). Purposeful curation: Research and education for a future with working data. 4th International Digital Curation Conference, December 1-3, 2008, Edinburgh, Scotland. http://hdl.handle.net/2142/3493.

93. **Palmer, Carole L.**, Cragin, Melissa H., Heidorn, P. Bryan, & Smith, Linda C. (2007). Data curation for the long tail of science: The case of environmental sciences. 3rd International Digital Curation Conference, December 11-13, 2007, Washington, D.C. https://apps.lis.illinois.edu/wiki/download/attachments/32666/Palmer_DCC2007.pdf.

94. Heidorn, P. Bryan, **Palmer, Carole L.**, Wright, Dan, & Cragin, Melissa H. (2007). Biological information specialist's training. 2nd International BioCuration Meeting, October 25-28, 2007, San Jose, CA.

95. Heidorn, P. Bryan, **Palmer, Carole L.**, Wright, Dan, & Cragin, Melissa H. (2007). Information specialist's training in biology. Plant Science and Botany Conference, July 7-11, 2007, Chicago, IL.

96. Cragin, Melissa H., Heidorn, P. Bryan, **Palmer, Carole L.**, & Smith, Linda C. (2007). An educational program on data curation. Issues and Trends in Digital Repositories of Non-textual Information: Support for Research and Teaching. Science and Technology Section, ALA Annual Conference, June 21-27, 2007, Washington, D.C. http://hdl.handle.net/2142/3493

97. **Palmer, Carole L.**, Cragin, Melissa H., & Heidorn, Bryan P. (2006). Supporting biological information work: Research and education for digital resources and long-lived data. *Proceedings of the 6th ACM/IEEE-CS Joint Conference on Digital Libraries*, June 11-16, 2006, Chapel Hill, NC, 353.

98. **Palmer, Carole L.**, Cragin, Melissa H., & Hogan, Timothy P. (2003). Information and discovery in neuroscience. *Proceedings of the American Society for Information Science & Technology Annual Meeting*, October 19-22, 2003, Long Beach, CA, 540-541.

99. **Palmer, Carole L.**, & Hogan Timothy P. (2003). Information in the HIV+ community. Proceedings of the American Society for Information Science & Technology Annual Meeting, October 19-22, 2003, Long Beach, CA, 521-522.

100. Knutson, Ellen, **Palmer, Carole L.**, & Twidale, Michael B. (2003). Tracking metadata use for digital collections. *Proceedings of the Dublin Core Conference*, September 28-October 2, 2003, Seattle, WA, 243-244.

101. **Palmer, Carole L.**, & Neumann, Laura J. (1999). Interdisciplinary humanities scholars and hybrid information environments. Joint International Conference of the Association for

Computers and the Humanities and Association for Literary and Linguistic Computing, June 12, 1999, Charlottesville, VA.

Professional publications and reports

102. Palmer, Carole L. (2021). Reflections on the urgency of robust knowledge infrastructure. Contributed to the 2nd Knowledge Infrastructures Workshop, February 26-29, 2020, Los Angeles, CA. [posted 2021 at XXX]

103. Throgmorton, Kaitlin, Norlander, Bree., & **Palmer, Carole L**. (2019). Open data literacy and the library. *Alki: The Washington Library Association Journal*, 35(2), 27–29.

104. National Research Council. (2015). Preparing the Workforce for Digital Curation. Final Report of the Committee on Future Career Opportunities and Educational Requirements for Digital Curation, Board on Research Data. National Academies Press. 106 pp. http://www.nap.edu/catalog/18590/preparing-the-workforce-for-digital-curation
[PEER REVIEWED]

105. **Palmer, Carole L**., Isaac, Antoine, Wickett, Karen M., Fenlon, Katrina S., Senseney, Megan. (2014). Digital Collection Contexts: Workshop Report. CIRSS Technical Report 201503-01. 53 pp. https://www.ideals.illinois.edu/handle/2142/73359

106. Wickett, Karen M., Isaac, Antoine, Fenlon, Katrina, Doerr, Martin, Meghini, Carlo, **Palmer, Carole L.**, & Jett, Jacob. (2013). Modeling Cultural Collections for Digital Aggregation and Exchange Environments. CIRSS Technical Report 201310-1, University of Illinois at Urbana-Champaign. 42 pp. http://hdl.handle.net/2142/45860.

107. Thomer, Andrea K., **Palmer, Carole L.**, Wickett, Karen M., et al. (2013). Data Curation for Geobiology at Yellowstone National Park. Report from the workshop held April 16-17, 2013. CIRSS Technical Report, SBDC1301, University of Illinois at Urbana-Champaign. 41 pp. http://hdl.handle.net/2142/47070.

108. Renear, Allen H., **Palmer, Carole L.**, Unsworth, John. (2013). Extending Data Curation to the Humanities: Curriculum Development and Recruiting, Final Report. 34 pp. https://www.ideals.illinois.edu/handle/2142/42628

109. Fenlon, Katrina, Jett, Jacob, & **Palmer, Carole L.** (2011). Digital collections and aggregations. DH Curation Guide: A Community Resource Guide to Data Curation in the Digital Humanities. http://guide.dhcuration.org/collections/

110. Weber, Nicholas M., Chao, Tiffany, **Palmer, Carole L.**, & Varvel, Virgil E., Jr. (2011). Report on the Data Curation Research Summit. Sponsored by the Institute of Museum and Library Services, December 9, 2010, Chicago, IL. 25 pp. http://hdl.handle.net/2142/28355

111. Varvel, Virgil E., Jr., **Palmer, Carole L.**, Chao, Tiffany, & Sacchi, Simone. (2011). Report from the Research Data Workforce Summit. Sponsored by the Data Conservancy, December 6, 2010, Chicago, IL. 32 pp. http://hdl.handle.net/2142/25830

112. National Research Council. (2011). Building Cyberinfrastructure for Combustion Research. Final report for the National Academy of Science, Board on Mathematical Sciences and Their Applications, Board on Chemical Sciences and Technology, and Computer Science and Telecommunications Board. 102 pp. http://www.nap.edu/openbook.php?record_id=13049&page=R1   **[PEER REVIEWED]**

113. **Palmer, Carole L.**, Teffeau, Lauren C., & Newton, Mark P. (2008). Identifying Factors of Success in CIC Institutional Repository Development, Final Report. New York: Andrew W. Mellon Foundation. 52 pp. http://hdl.handle.net/2142/8981

114. Cole, Timothy W., Jackson, Amy S., **Palmer, Carole L.**, Shreeves, Sarah L., Twidale, Michael B., & Zavalina, Oksana L. (2006). Findings Pertaining to the Framework of Guidance for Building Good Digital Collections. 13 pp. https://www.ideals.illinois.edu/handle/2142/722

Presentations

Keynotes and invited talks
115. FlashSciTalks: Insights from research leaders. (forthcoming). Elsevier video series.
116. Expert panel on emerging technologies and changes in research and learning, EDUCAUSE Learning Community Annual Meeting, March 4, 2020, Bellevue, WA.
117. Skills, expertise, and competencies. IMLS Focus: Positioning Library and Information Science Graduate Programs for 21st Century Practice, November 7, 2017, Columbia, SC. (With Jane Greenberg, Julie Todaro, and Kelvin Watson).
118. Preserving principles and transforming practice: LIS expertise for the data age. ACRL Washington & Oregon Joint Conference, October 19-20, 2017, Eatonville, WA.
119. An educational workbench for data curation. 7th National Data Service Consortium Workshop, April 14, 2017, Chicago, IL. (With Tom Johnson).
120. Curating evidence: LIS expertise for the digital age. School of Information Colloquium, University of Texas, November 15, 2016, Austin TX.
121. Data curation education grounded in earth sciences and the science of data. American Geophysical Union, December 15, 2015, San Francisco, CA.
122. Retaining the richness of research data. Earth data science in the era of big data compute, Board on Earth Sciences and Resources (BESR). National Academy of Sciences, April, 29, 2015, Washington, D.C.
123. Realizing the potential of research data. Coalition for Networked Information, April 14, 2015, Seattle, WA. https://vimeo.com/125487614   **[KEYNOTE]**
124. Fueling and transforming evidential cultures of research. Research Data Alliance, Second Plenary Meeting, September 16, 2013, Washington, D.C.   **[KEYNOTE]**
125. Data curation and the reuse value of digital research data: Meeting the aims of multiple disciplines and stakeholders. Ed Mignon Distinguished Lecture in Information Science, Information School, University of Washington, May 16, 2013, Seattle, WA.
126. Data curation for cross-disciplinary value and fit. Computational Science & Engineering Annual Meeting, April 25, 2013, University of Illinois at Urbana-Champaign, Urbana, IL.
127. Data curation education at Illinois. DigCCurr Digital Curation Education Experts Meeting, March 18, 2013, Chapel Hill, NC.
128. National evaluation of IMLS DCC & implications for DPLA. DPLA Midwest Plenary Working Group on the Digital Hubs Pilot Project, October 11-12, 2012, Chicago, IL. (Co-author and presenter: Katrina S. Fenlon.)
129. The analytic potential of long-tail data: Sharable data and re-use value. Wolfram Data Summit, September 6, 2012, Washington, D.C.
130. Data curation and research libraries. Carnegie Project for Training Librarians throughout Africa, GSLIS, University of Illinois at Urbana-Champaign, September 26, 2012, Champaign, IL.
131. You can't use something you can't find: Data citation and data workforce dependencies. National Science Foundation, Directorate for Geosciences, May 23, 2012,Washington, D.C. (Co-presenters: Mary Marlino and Mathew Mayernik.)

132. Digital Collections & Content / DLF Beta Sprint: Context, overview, and lessons. Digital Public Library of America, Audience & Participation Workstream Workshop, January 24, 2012, Dallas, TX.

133. Interdisciplinary information work: Concepts and practices. Where Your World Meets Mine: Information Used Across Domains, SIG USE Workshop, American Society for Information Science and Technology Annual Meeting, October 13, 2011, New Orleans, LA.   **[KEYNOTE]**

134. CLIR-DLF / IMLS DCC Beta Sprint. Digital Public Library of America Plenary Meeting, October 21, 2011, Washington, D.C. (Developed with and presented by Rachel Frick.)

135. Collections in the age of e-research: Realizing potential through aggregation and curation. Digital Library Federation Fall Forum, November 2, 2010, Palo Alto, CA.

136. Investing in research data. Illinois Research Data Initiative, Opening Symposium, University of Illinois at Urbana-Champaign, September 27, 2011, Urbana, IL.   **[CLOSING ADDRESS]**

137. Data curation and research libraries. Data Curation Symposium, Johns Hopkins University, July 7, 2011, Baltimore, MA.

138. Information science & research library collaborations, by design. IMLS Library Research Symposium, October 5, 2010, Baltimore, MD.

139. Cross-disciplinary research on scientific data practices. Fourth Bloomsbury Conference on e-Publishing and e-Publications, London, UK, June 24, 2010.

140. Data curation and research librarianship in the age of e-science. Medical Library Association Annual Meeting, May 23, 2010, Washington, D.C.

141. Data curation and research librarianship. University Libraries Council 6th Annual Assembly, Johns Hopkins University, May 21, 2010, Baltimore, MD.

142. Aggregating collections to advance our collective cultural heritage. WebWise Conference, March 4, 2010, Denver CO.

143. The Data Conservatory: A digital resource and curation virtual organization. 5th International Digital Curation Conference, December 2-4, 2009, London, UK.

144. IMLS DCC: Improving the visibility and value of our digital cultural heritage. Institute of Museum and Library Services, April 14, 2009, Washington D.C.

145. Data communities: Transforming research through "radical sharing." IT@Illinois Symposium, University of Illinois at Urbana-Champaign, December 10, 2008.

146. Data curation education at Illinois: Overview after the first year of delivery. International Data Curation Education Action Workshop, December 4, 2008, Edinburgh, Scotland. (Co-authors: Bryan Heidorn and Allen H. Renear.)

147. Contouring curation for disciplinary difference and the needs of small science. Sun Preservation & Archiving Special Interest Group (PASIG, November 19-21, 2008), Baltimore, MD.

148. Education for new roles. Reinventing Science Librarianship: Models for the Future. Association of College and Research Libraries Fall Forum, October 16-17, 2008, Washington, D.C.

149. Primitives and potentials of digital scholarship. How Scholars Work Seminar, Purdue University Libraries, October 3, 2008, West Lafayette, IN.   **[KEYNOTE]**

150. Research practice and research libraries: Working toward high-impact information services. OCLC Distinguished Seminar, June 18, 2008, Dublin, OH.

151. Data curation education: Evolving research librarianship in the sciences. Librarians & e-Science: Focusing towards 20/20. Committee on Institutional Cooperation, Center for Library Initiatives Conference, May 13, 2008, West Lafayette, IN.

152. Academic librarians and LIS research: So much to do, so little time. Purdue University Libraries, May 9, 2008, West Lafayette, IN.

153. Adapting digital information to scientific practices. International Association of Scientific, Technical, & Medical Publishers, STM Spring Conference, April 24-26, 2007, Cambridge, MA.
154. Making an impact on science: Moving from research to education. Digital Archives for Science and Engineering Resources (DASER) Summit III and Tri Society Symposium, November 3, 2006, Austin, TX.
155. User studies for academic librarianship. Summer Learning School for Chinese Academic Librarians, GSLIS, University of Illinois at Urbana-Champaign, June 21, 2006, Champaign, IL.
156. Making information work for scholarship and science. CIC Conference on Access and Infrastructure: Navigating Our Libraries in the New Information Service Landscape, April 10, 2006, Columbus, OH.
157. Boundary work and doable science. Association for Computing Machinery, Grace Hopper Celebration, October 7, 2004, Chicago, IL.
158. Modeling digital access on scholarly work. Pattee Library Colloquium, Pennsylvania State University, March, 2004, University Park, PA.
159. Information and discovery in neuroscience: Interdisciplinary information gathering and collaboration. Informatics Tools for Scientific Discovery and Collaboration Workshop, Psychiatric Institute, University of Illinois at Chicago, September 4, 2003, Chicago, IL.
160. Digital gathering grounds: Information technologies and the path to discovery. Science Reference Retreat, Cornell University, January 27, 2003, Ithaca, NY.
161. Interpreting the information environment of interdisciplinary science. Science Reference Retreat, Cornell University, January 28, 2003, Ithaca, NY.
162. E-Resource impact: Challenges, trends, ideas. American Library Association Annual Conference, June 13-19, 2002, Atlanta, GA.
163. Information support for interdisciplinary researchers. Visiting Speakers Program on Informatics, University of Illinois at Chicago, April 12, 2002, Chicago, IL.
164. Scholarly discovery and synthesis in practice: Materials, machines, and aha moments. Center for Social Informatics, Indiana University Bloomington, July 19, 2001, Bloomington, IN.
165. Interdisciplinary information environments: Apprehending the heterogeneity of scholarly work. Chicago-Northwestern Roundtable on Humanities Computing, University of Chicago, March 9, 2001, Chicago, IL.
166. Configuring digital research collections around scholarly work. Digital Library Federation Forum, November 19, 2000, Chicago, IL.
167. Information work and interdisciplinary researchers: Blurred boundaries and eccentric angles. Library Colloquium, Grainger Library, University of Illinois at Urbana-Champaign, November 16, 2000, Urbana, IL.

Conference talks
168. From ambition to action: State and public libraries partnering on open data. Chief Officers of State Library Agencies Fall Meeting, November 4, 2019, Hartford CT. (co-presenter: Cindy Aden)
169. Confronting the expanse of data education: From local open data to global cyberinfrastucture. Association for Information Science & Technology Annual Meeting,

November 10-14, 2018, Vancouver, British Columbia, Canada. (Co-presenters: Angela Murillo, Nicholas Weber, Xia Lin, James Howison, & Sam Oh.)

[PANEL ORGANIZER, PEER REVIEWED]

170. Enriching education with exemplars in practice: Iterative development of data curation internships. 10th International Digital Curation Conference, February 9-12, 2015, London, UK. (Co-authors: Matthew S. Mayernik, Valerie Williams, V. Cheryl A. Thompson, Suzie Allard, & Carol Tenopir.) **[PEER REVIEWED]**

171. Responding to emerging workforce demand: Harnessing data center expertise. Association for Information Science & Technology Annual Meeting, October 31- November 5, 2014, Seattle, WA. (Co-presenters: Cheryl A. Thompson, Matthew S. Mayernik, Carol Tenopir, Suzie Allard, and James Kreft). **[PANEL ORGANIZER, PEER REVIEWED]**

172. Putting research data into context: scholarly, professional, & educational approaches to curating data for reuse. Association for Information Science & Technology, Annual Meeting, October 31 November 5, 2014, Seattle, WA. (Organizer: Ixchel Faniel, co-presenter David Minor).

173. Fostering interdisciplinary science through data curation: Geobiology at Yellowstone National Park as exemplar. 12th Biennial Scientific Conference on the Greater Yellowstone Ecosystem, October 6-8, 2014, Mammoth Hot Springs, Yellowstone National Park, WY. (Presenter: Bruce W. Fouke; co-authors: Andrea K. Thomer, Bruce W. Fouke, Timothy DiLauro, Sean Gordon, and Christie Hendrix).

174. Cross-disciplinary data reuse. Future of Data Access and Preservation, Digital Humanities at Oxford Summer School, July 14-18, 2014, Oxford, UK.

175. Cross-disciplinary reuse. National Data Service Consortium Planning Workshop, June 12-13, 2014, National Center for Atmospheric Research, Boulder, CO.

176. Preparing the workforce for digital curation: The iSchool perspective. 9th International Digital Curation Conference, February 24-27, 2014, San Francisco, CA. (Co-presenters: Margaret Hedstrom, Ron Larsen, David DeRoure, and Liz Lyon). **[PANEL ORGANIZER]**

177. Introduction to Digital Collection Contexts Workshop. iConference, March 4, 2014, Berlin, Germany.

178. Advancing site-based data curation for geobiology: The Yellowstone Exemplar. American Geophysical Union Fall Meeting, December 9-13, 2013, San Francisco, CA. (Co-authors: Bruce W. Fouke, Ann Rodman, and Sayeed Choudhury.)

179. Model development for scientific data curation education. 8th Annual International Digital Curation Conference, January, 14-17, 2013, Amsterdam, Netherlands. (Co-authors: Karon Kelly, Mary Marlino, Matthew S. Mayernik, Suzie Allard, Carol Tenopir.)

[PEER REVIEWED]

180. Setting priorities for data curation research and education. School of Information and Library Science, March 20, 2013, University of North Carolina at Chapel Hill, Chapel Hill, NC.

181. Priorities for data curation education: Data center partnerships & long-tail science. Microsoft eScience Workshop, October 9, 2012, Chicago, IL.

182. Brainstorming data science @ iSchools. iConference, February 8, 2012, Toronto, ON, Canada. (Co-organizers: Jeffery Stanton, Cathy Blake, and Suzie Allard.)

[SESSION ORGANIZER, PEER REVIEWED]

183. A new public space: Digital Public Library of America. Digital Strategies for Heritage 2011 (DISH2011) / Europeana CCPA Annual General Meeting, December 8, 2011, Rotterdam, The Netherlands. (Co-author and presenter: Joyce Ray.)

184. Data sharing practices: Implications for curation and re-use. American Society for Information Science and Technology Annual Meeting, October 13, 2011, New Orleans, LA.

185. Data practices across disciplines: Informing collections & curation. I-Conference, Seattle, WA, February 9, 2011.

186. Leveraging data conservancy R & D to advance data curation education. Research Data Workforce Summit, December 6, 2010, Chicago, IL.

187. Data sharing, small science, and institutional repositories. UK e-Science All Hands Meeting, December 7-9, 2009, Oxford, UK. (First author: Melissa H. Cragin; Co-authors: Marina Kogan, Jacob R. Carlson, and Michael Witt.)   **[PEER REVIEWED]**

188. DataNet partners: Sharing science, linking domains, curating data. American Society for Information Science & Technology Annual Meeting, November 6-11, 2009, Vancouver, BC, Canada.

189. Asking difficult questions about institutional repositories: Factors for success and new directions for development and research. American Society for Information Science and Technology Annual Meeting, November 6-11, 2009, Vancouver, BC, Canada.

190. Strategic reading in science. American Society for Information Science & Technology Annual Meeting, Vancouver, BC, Canada, November 6-11, 2009. (First author: Allen H. Renear.)

191. Data Conservancy: A library based data cyberinfrastructure paradigm. Coastal and Estuarine Research Federation Conference, November 1-5, 2009, Portland, OR. (First author: Melissa H. Cragin.)

192. Emerging education initiatives in data curation. Association for Library and Information Science Education (ALISE), January 22, 2009, Denver, CO. (Co-author: Melissa H. Cragin.)

193. e-Research crosses the pond: Contrasting transformations in the U.S. and U.K. American Society for Information Science & Technology Annual Meeting, October 26, 2008, Columbus, OH.

194. Developing curriculum for digital libraries and digital curation education: Reflections on synergies and divergencies. American Society for Information Science & Technology Annual Meeting, October 24-29, 2008, Columbus, OH. (Co-author: Jerome McDonough.)

195. Investing in collection representation for more useful repositories. American Society for Information Science & Technology Annual Meeting, October 19-24, 2007, Milwaukee, WI.

196. Graduate curriculum for biological information specialists: A key to integration of scale in biology. 2nd International Digital Curation Conference, 21-22 November, 2006, Glasgow, Scotland. (Co-authors: Bryan Heidorn, Dan Wright, and Melissa H. Cragin.)

197. Metadata standards adoption and knowledge-sharing: A study of projects from the IMLS National Leadership Grants Program, 1998-2003. American Society for Information Science & Technology Annual Meeting, November 16, 2004, Providence, RI.

198. Literature-based discovery: New trends and techniques. American Society for Information Science & Technology Annual Meeting, October 22, 2003, Long Beach, CA. (Co-organizer: Neil Smalheiser).   **[SESSION CO-ORGANIZER]**

199. Shadow structures of scholarly communication. Society for the Social Studies of Science Annual Conference, November 7, 2002, Milwaukee, WI.

200. Integrating digital libraries across the curriculum. Association for Library & Information Science Education Conference, January 16, 2002, New Orleans, LA. (Co-presenter: J. Stephen Downie.)

201. Ways of working and knowing across boundaries. Finding Common Ground Conference, Harvard College Library, March 30, 1996, Cambridge, MA.
202. Organizational limitations to advancing the interdisciplinary research process. Knowledges: Production, Distribution, Revision Conference, April 14-17, 1994, Minneapolis, MN. (Co-presenter: Leigh Estabrook.)

Invited Participation

2nd Knowledge Infrastructure Workshop, sponsored by the Sloan Foundation, February 26-28, 2020, Los Angeles, CA.
Cyberinfrastructure Professionalization Workshop, sponsored by NSF, Campus Research Computing Consortium (CaRC). March 12-14, 2018, Alexandria, VA.
IMLS Focus, Strategic Priorities, STEM Learning in Libraries. June 5, 2014, Chicago, IL.
DigCCurr. Digital Curation Education Experts Meeting, March 18-19, 2013, Chapel Hill, NC.
Experts' Meeting on Data and Computational Research, Alfred P. Sloan Foundation, June 30, 2011.
Workshop on Cyberinfrastructure for Collaborative Science, sponsored by NSF. National Evolutionary Synthesis Center (NESCent), May 18-20, 2011, Durham, NC.
Digital Pubic Library of America working group meeting, March 1, 2011, Harvard University.
Workshop on E-Publishing and Digital Curation, co-sponsored by University College London, Department of Information Studies and IMLS, June 26, 2010, London, UK.
Sharing and curating research data: meeting programme planning challenges. Sponsored by Joint Information Systems Committee (UK) & the Andrew Mellon Foundation, Washington, D.C., December 14, 2007.
Scientific and Scholarly Workflow Cyberinfrastructure: Improving Interoperability. Sustainability and Platform Convergence in Scientific and Scholarly Workflow. Sponsored jointly by NSF (OCI/SDSI) and Mellon, Baltimore, MD, Oct 3-5, 2007.
Computational Linguistics for Metadata Building (CLIMB), Partners Meeting, March 17, 2005.
Mellon Foundation meeting of LIS deans and research library directors, New York, June 28, 2005.

Workshops and Summits Organized

Digital Collection Contexts: Intellectual and Organizational Functions at Scale. Co-organizers, Antoine Isaac and Karen M. Wickett. iConference, March 4, 2014, Berlin, Germany. Primary organizer.
Data Curation in Research Centers. Data Curation Workshop, June 3-4, 2014, National Center for Atmospheric Research, Boulder, Colorado. PI and contributor.
Data Curation for Geobiology at Yellowstone National Park Workshop, April 16-17, 2013, Yellowstone Heritage and Research Center, Gardiner, MT. PI and organizer.
Data Curation in Research Centers. Data Curation Workshop, June 5-7, 2012, National Center for Atmospheric Research, Boulder, CO. PI and contributor.
Research Data Workforce Summit, December 6, 2010, Chicago, IL. Held in conjunction with the 6th International Digital Curation Conference. Co-organized with Melissa Cragin and Bryan Heidorn.

Data Curation Research Summit, December 9, 2010, Chicago IL. Held in conjunction with the 6th International Digital Curation Conference. Co-organized with Melissa Cragin and Scott Brandt.

Lectures and workshop presentations

203. Knowledge infrastructure for qualitative inquiry. Knowledge Infrastructures Workshop, February 26-28, 2020, Los Angeles, CA. (with Nic Weber and Bernie Boscoe).
204. What data does your community need the most. First Tuesdays Webinar, Washington State Library, October 1, 2019. (with Bree Norlander and Kaitlin Throgmorton).
205. Data sharing across disciplines: "Evidential cultures" and curation for reuse. Biomedical Research Integrity Program, UW Medicine and Fred Hutch Cancer Research Center, September 5, 2019, Seattle, WA.
206. Critical needs and opportunities adapting big data techniques to "small" data needs? 4D Workshop: Deep-time Data Driven Discovery and the Evolution of Earth, June 4-6, 2018, Washington D.C. (With Feifei Pan).
207. Introduction to humanities data curation: Conceptual frameworks. Digital Humanities at Oxford Summer School, Data Curation and Access for the Digital Humanities Workshop, July 14-18, 2014, Oxford, UK.
208. Curation for meaningful reuse. Digital Humanities at Oxford Summer School, Data Curation and Access for the Digital Humanities Workshop, July 14-18, 2014, Oxford, UK.
209. Data curation basics. National Institutes of Health, Webinar Series: Data Literacy for Librarians, January 28, 2014.
210. Advancing collective cultural heritage: The IMLS Digital Collections and Content trajectory. Europeana/DCC Workshop, May 30, 2011, Heraklion, Greece.
211. Data practices research at CIRSS. Berliner Bibliothekswissenschaftliches Kolloquium, Berlin School of Library and Information Science at Humboldt University, June 8, 2010. (Co-virtual presenter: Christine Borgman).
212. Extending the data curation curriculum to practicing LIS professionals. DigCCurr 2009, April 1-3, 2009, Chapel Hill, NC. (First author: Melissa H. Cragin; Co-authors: Linda C. Smith and P. Bryan Heidorn.)
213. Scholarly work and curated collections in the age of e-research: Surviving googlization. Faculty of Education, McGill University, December 15, 2009, Montreal, Quebec, Canada.
214. Developing an effective data curation education program. Education for Digital Stewardship: Librarians, Archivists or Curators Workshop, Joint Conference on Digital Libraries (JCDL, June 20, 2008), Pittsburgh, PA. (Presenter: Linda C. Smith; co-authors Melissa H. Cragin, Bryan Heidorn, & John MacMullen.)
215. IMLS Digital Collections and Content. Chief Officers of State Library Agencies Fall Meeting, October 6-8, 2008, Jackson, MS. (Co-presenter: Timothy W. Cole.)
216. Data curation education and biological information specialists. DigCCurr 2007, April 18-20, 2007, Chapel Hill, NC. (Co-authors: Bryan Heidorn and Melissa H. Cragin.)
217. Supporting scientific information work: Moving from case studies to professional training. Center of Excellence for Genomics and Bioinformatics, University of Tennessee, January 27, 2006, Memphis, TN. (Co-presenter Melissa H. Cragin.)
218. Changes in scholarly communication and the future of research libraries. Summer Learning School for Chinese Academic Librarians, GSLIS, University of Illinois at Urbana-Champaign, June 24, 2005, Champaign, IL.
219. Scholarly work with diverse information: A gauge for digital research libraries. School of Information Studies, Syracuse University, March 21, 2000, Syracuse, NY.

Local presentations and posters

220. Participating in the data sharing ecosystem: Toward releasable, reproducible, and reusable data. Psychiatry and Behavioral Sciences, Research Retreat, University of Washington, January 8, 2020.
221. Advancing open data: Aligning education with public sector data challenges. Research Fair, Information School, University of Washington, March 14, 2019, Seattle, WA. (with Bree Norlander, Kaitlin Throgmorton, and Nicholas M. Weber).
222. Information schools, library science & data science. eScience Institute, Data Science Studies Working Group, University of Washington. Libraries in the age of big data, data science, and digital connectivity: Continuities, disruptions, and opportunities, May 9, 2018. (Co-presenters: Chris Coward, Verletta Kern, Jennifer Muilenburg, & Elliott Stevens).
223. Open Data Literacy Project. UW Data Science Networking and Poster Session, February 21, 2017. (Co-authors: Nicholas M. Weber and An Yan).
224. Data curation research @ the iSchool: Data sharing and Meaningful reuse. Research Fair, Information School, University of Washington, November 17, 2015, Seattle, WA. (Co-authors: Nicholas M. Weber and An Yan).
225. From open data to open evidence. Amazon Catalyst Workshop, Information School, University of Washington, November 6, 2015, Seattle, WA.
226. Introduction to data curation. Global Data Science 2015 Summer Camp, Information School, University of Washington, July 28, 2015, Seattle, WA. (Co-author: Nic Weber).
227. Site-Based Data Curation at Yellowstone National Park. GSLIS Research Showcase, March 29, 2013, Champaign, IL. (Co-author and presenter: Andrea Thomer.)
228. Data sharing practices: Implications for curation and re-use. GSLIS Research Showcase, March 30, 2012, University of Illinois at Urbana-Champaign, Champaign, IL. (Co-author: Tiffany Chao.)
229. IMLS DCC contribution to the Digital Public Library of America Beta Sprint. CIRSS Seminar, GSLIS, University of Illinois at Urbana-Champaign, October 14, 2011, Champaign, IL. (Co-presenter: Jacob Jett.)
230. Data curation and analytics to advance science and scholarship. GSLIS Research Showcase, University of Illinois at Urbana-Champaign, April 9, 2011, Champaign, IL. (Co-presenter Cathy Blake.)
231. The Digital Public Library of America initiative: Considering content and scope. e-Research Roundtable, GSLIS, University of Illinois at Urbana-Champaign, March 30, 2011, Champaign, IL.
232. Beyond size and search: Building contextual mass in digital aggregations for scholarly use. CIRSS Seminar, GSLIS, University of Illinois at Urbana-Champaign, February 25, 2011, Champaign, IL. (Co-presenter: Katrina Fenlon.)
233. Research and engagement with scientists to advance curation principles and processes. Summer Institute on Data Curation, Graduate School of Library & Information Science, University of Illinois at Urbana-Champaign, June 7, 2011, Champaign, IL.
234. The Data Conservancy and data curation research and education at CIRSS. Data Stewardship Committee, University of Illinois at Urbana-Champaign, November 18, 2010, Urbana, IL.
235. Emerging structures of data curation: Research on data units and communities. CIRSS Seminar, GSLIS, University of Illinois at Urbana-Champaign, October 15, 2010, Champaign, IL. (Co-presenter: Melissa H. Cragin.)

236. Research and engagement with scientists to advance curation principles and processes. Summer Institute on Data Curation, GSLIS, University of Illinois at Urbana-Champaign, May 17, 2010, Champaign, IL.
237. What defines a data community? e-Research Roundtable, GSLIS, University of Illinois as Urbana-Champaign, May 27, 2009, Champaign, IL. (Co-presenter: Melissa H. Cragin.)
238. Curation of research data: Understanding scholarly practices and collections. Summer Institute on Data Curation, GSLIS, University of Illinois at Urbana-Champaign, May 18, 2009, Champaign, IL.
239. Techniques for evaluating scientific data practices and needs. Summer Institute on Data Curation, GSLIS, University of Illinois at Urbana-Champaign, June 2, 2008, Champaign, IL.

Honors

Thomson Reuters Outstanding Information Science Teacher Award, Association for Information Science & Technology, 2013
Arnold O. Beckman Research Award, University of Illinois Campus Research Board, 2002.
Centennial Scholar Award, Graduate School of Library and Information Science, University of Illinois, 2001-2002.
University of Illinois List of Teachers Ranked Excellent by Their Students: Spring 2014, Spring 2012, Fall 2011, Fall 2009, Fall & Spring 2007, Spring 2006, Fall & Spring 2005, Spring 2003, Spring 2002, Fall 2001, Fall 2000, Fall 1998, Spring 1997, Spring 1994.
Berner-Nash Award for outstanding doctoral dissertation, GSLIS, University of Illinois, 1996.
HEA Title IIB Fellowship, University of Illinois, 1994 and 1991.
Hostetter Scholarship in Library and Information Science, University of Illinois, 1992.
Beta Phi Mu membership, 1986.
Information Management Fellowship, Vanderbilt University, 1985.
University Highest Honors for B.A., Southern Illinois University, 1980.

Supervision of Graduate Student Research

Information School, University of Washington

Doctoral Academic Advisor – University of Washington
    An Yan. Research area: Data curation and reproducible research; 2016-2018
    Tom Johnson. (co-advisor). Research area: Digital libraries; 2017, on leave

Ph.D. Advisory Committee – University of Washington
    Wan-Chen Lee, 2015-present
    An Yan, 2019-present
    Stephen Keating, 2015-2016

External Dissertation Committees
    Gretchen Stalhman, 2018-2019, School of Information, University of Arizona

Capstone Sponsor

Sam Buechler and Joan Hua, 2020. Improving Trust & Interoperability Metadata for Data Refuge's Open Data Catalog. Co-sponsored with Margaret Janz, University of Pennsylvania.

Jian-Sin Lee, 2020. Systematic Review of Research on Journal Data Policies.

Caihong Huang, 2019. Theoretical Foundations for Updating DCC Curation Lifecycle Model. Cosponsored with S. Choudhury at Johns Hopkins University.

School of Information Sciences, University of Illinois at Urbana-Champaign

Dissertation Advisor – University of Illinois

Karen Baker. Ph.D. 2017. Data Work Configurations in the Field-Based Natural Sciences: Mesoscale Infrastructures, Project Collectives, and Data Gateways

Katrina Fenlon. Ph.D. 2017. Thematic Research Collections: Libraries and the Evolution of Alternative Scholarly Publishing in the Humanities

Andrea Thomer. Ph.D. 2017. Site-Based Data Curation: Bridging Data Collection Protocols and Curatorial Processes at Scientifically Significant Sites

Cheryl Thompson. Ph.D. 2017. Data Expertise and Service Development in Geoscience Data Centers and Academic Libraries

Tiffany Chao. Ph.D. 2015. Methods Metadata: Curating Scientific Research Data for Reuse.

Nicolas Weber. Ph.D. 2015. A Framework for Analyzing the Sustainability of Peer Produced Science Commons

Paul Healy. Ph.D. 2010. Uncertainty Management in Reference Interactions With Pro Se Library Users

Oksana Zavalina. Ph.D. 2010. Collection-Level Subject Access: Metadata Application and Users

Ellen Knutson, Ph.D. 2008. Libraries, Community and Change in Post-Soviet Russia: The Case of the Bryansk Regional Public Library System

Joan Bessman Taylor, Ph.D. 2007. When Adults Talk in Circles: Book Groups and Contemporary Reading Practices. Recipient of the GSLIS Berner-Nash award for outstanding doctoral dissertation.

Timothy Hogan, Ph.D. 2007. Information and the Management of Treatment in Chronic Illness: A Qualitative Study of People Living with HIV-Disease. Recipient of the GSLIS Berner-Nash award for outstanding doctoral dissertation.

Dissertation Director of Research – University of Illinois

Lian Ruan, Ph.D. 2011. Information Seeking and Sharing Behaviors among Fire Service Staff Instructors: A Qualitative Study.

Melissa Cragin, Ph.D. 2009. Scientific Data Collections: Use in Scholarly Communication and Implications for Data Curation.

Tonyia Tidline, Ph.D. 2003. Making Sense of Art as Information.

Laura Neumann, Ph.D. 2001. Communities of Practice as Information Systems: Humanities Scholars and Information Convergence.

Dissertation Committee

Simone Sacchi, 2015, School of Information Sciences, University of Illinois

Karen Wickett, 2012, School of Information Sciences, University of Illinois

Richard Urban, 2012, School of Information Sciences, University of Illinois

Hong Zhang, 2011, School of Information Sciences, University of Illinois

Martha Kyrillidou, 2009, School of Information Sciences, University of Illinois
Michelle Kazmer, 2002, School of Information Sciences, University of Illinois

Qualifying Exam Committee – University of Illinois
    Nicolas Weber, 2012, chair
    Tiffany Chao, 2011, chair
    Kalev Leetaru, 2010
    Wei Gao, 2009
    Richard Urban, 2008
    Lian Ruan, 2007, chair
    Oksana Zavalina, 2006, chair
    Claudia Rebaza, 2006, chair
    Timnah Card, 2006

Master's Thesis Advisor - University of Illinois
    Lydia Harris, MLS, 2005. An exploratory study of a women's voluntary organization as an information system.
    Ellen Knutson, MLS, 2005. Building civic literacy for democracy: Russian libraries and civil societies.
    Parmit Chilana, MLS, 2006. Investigating information-seeking activities of computer scientists in bioinformatics.

Certificate of Advanced Study Committees
    Elizabeth Breakstone, 2008
    Allison Scott, 2006
    Weihong Peng, 2005

Curriculum Development

Information School, University of Washington
    MSLIS courses developed
        Fundamentals of Data Curation, 2015
        Advanced Data Curation, 2016

School of Information Sciences, University of Illinois at Urbana-Champaign

    Programs developed
    Biological Informatics, master's program, GSLIS, University of Illinois, 2004
      Developed as part of the campus level Bioinformatics master's program. (Co-developer: Bryan Heidorn).
    Specialization in Data Curation, within MSLIS, GSLIS, University of Illinois
      Science focus, 2005, (Co-developers: Bryan Heidorn and Melissa H. Cragin)
      Humanities focus, 2007, (Co-developer: Allen Renear)

    MSLIS courses developed
        Information Transfer and Collaboration in Science, 2006
        Current Topics in Collection Development, 1999

Ph.D. courses developed
    Research Problems in Data Curation, 2012
    Design of Information Use Studies, 2007
    Knowledge Studies for Information Science, 1998

MSLIS courses revised
    Foundations of Data Curation, 2012
    Use & Users of Information, 1997

Courses Taught

Information School, University of Washington
        The Question of Information
        Fundamentals of Data Curation
        Advanced Data Curation
        Faculty Seminar

GSLIS, University of Illinois at Urbana-Champaign
Assistant Professor, 1996-2002; Associate Professor, 2002-2009; Professor, 2009-2014

    MSLIS courses:
        Foundations of Data Curation
        Information Transfer and Collaboration in Science
        Current Topics in Collection Development
        Use and Users of Information (on campus and distance education)
        Information Organization and Access (on campus and distance education)
        Reference Services in the Social Sciences

    Ph.D. courses:
        Research Problems in Data Curation
        Design of Information Use Studies
        Knowledge Studies for Information Science
        Proseminar in Library and Information Science

Visiting Instructor, 1995-1996
    MSLIS Courses:
        Reference Services in the Social Sciences
        Information, Libraries, and Society

Teaching Assistantships, 1991, 1993, and 1995
    MSLIS Courses:
        Reference Services in the Social Sciences
        Introduction to Information Services
            Foundations of Library and Information Science

Selected Service Activities

National Level Advisory Roles, Boards, and Committees

iSchools Organization, Data Curation Curriculum Design Committee, Advisory Board, 2019-2021.

National Socio-Environmental Synthesis Center (SESYNC), External Advisory Board, 2016-2018.

4-D Workshop Deep-Time Data Driven Discovery, Senior Advisory Council, 2017-2018.

National Data Service, Steering Committee, elected, 2015-2017.

Research Data Alliance, Technical Advisory Board, elected, 2014-2017.

National Academies, Board on Research Data and Information. Study committee on Future Career Opportunities and Educational Requirements for Digital Curation, 2011-2015.

Journal of the Association for Information Science and Technology, Editor Recruitment and Recommendation Committee, 2015.

Digital Public Library of America. Technical Aspects Workstream, August 2011-2013. Technical Advisory Committee, 2013-2015.

Council on Library & Information Resources/Digital Library Federation. Data Curation Post-Doctoral Fellowships. Advisory Board, 2012-2015.

Connecting Presidential Collections Project, Miller Center, University of Virginia. Advisory Board, 2011-2014.

Closing the Digital Curation Gap Project, funded by the Institute of Museum & Library Services, JISC, Digital Curation Centre. Advisory board, 2010-2012.

National Academies, Board on Mathematical Sciences and Their Applications, Study committee on Cyberinfrastructure for Combustion Research, 2009-2010.

Neuroscience Information Framework: An Initiative of the NIH Blueprint for Neuroscience Research, Advisory board, 2009-2013.

Biomedical Discovery and Collaboration, Editorial board, 2005-2014.

Library Trends, Editorial board, 2008-2015

American Society for Information Science and Technology Annual meeting:
>   Technical program committee and panel chair, 2006.
>   Technical program committee, 2003.

Women Writers Project, Scholarly Advisor for Evaluation, Brown University, 1997-1999.

Selected Reviewing

Journals:
>   *PLOS ONE*
>   *Progress in Earth and Planetary Science*
>   *Journal of Documentation*
>   *Journal of the American Society for Information Science and Technology*
>   *Annual Review of Information Science and Technology*
>   *Information Processing and Management*
>   *Library Quarterly*
>   *The Information Society*
>   *Knowledge Organization*

Extended Semantic Web Conference
Other scholarly journals, conferences, and edited volumes.

Grant proposals:
>   European Research Council, Consolidator Grant, September 2018.
>   Canada Excellence Research Chairs, Ad hoc proposal review, September 2017
>   Alfred P. Sloan Foundation, Ad hoc proposal review, February 2016, August 2017

Institute of Museum and Library Services, National Leadership Grants, June 2014
National Science Foundation, CISE: III, March 2007; STS, April 2005, SSP, March 2003; NSDL, May 2002, ITR, April 2001; CSS, January 2000, and occasional ad hoc reviewing for CISE
Israel Science Foundation, February 2010
Social Sciences and Humanities Research Council, Canada, February, 2010
Social Sciences and Humanities Research Council of Canada, Midterm review team, September 29-October 1, 2004

Consultation to the Profession

ARL/CNI/EDUCAUSE. Research Libraries and Adoption of Emerging Technologies in Research and Learning, November 26, 2019.
OCLC. Responsible Operations: Data Science, Machine Learning, and AI in Libraries, April 19, 2019.

University of Washington, campus committees and service roles

Research Advisory Board, 2019-present
Data Governance Steering Committee, 2019-present
Faculty Senate Task Force on the Faculty Disciplinary Code and Process. Values and Principles Work Group, 2017-2020
David Thorud Leadership Award Selection Committee, 2018-2019
Royalty Research Fund reviewer, 2018

University of Washington, Information School committees and service roles

Center for an Informed Public, Oversight Committee of Deans, chair: 2019-2021
Open Search Committee, Committee chair: 2018-2019
Research Committee, Committee chair: 2015-present
Coach / Mentor for 2-6 junior faculty: 2014-present
Capstone Research Award, judge and coordinator, 2015-present
PhD Admissions Committee: 2015-2016
Personnel Committee: 2014-2015
MLIS Admissions Committee: 2014-2015

University of Illinois, Campus Committees
Interdisciplinary Working Group for Computation, Data, & Information, University of Illinois at Urbana-Champaign, 2014
Chancellor/Provost Faculty Consultation Group, University of Illinois at Urbana-Champaign, 2012-2014
Campus Bioinformatics Steering Committee, University of Illinois at Urbana-Champaign, 2007-2009
Dean Fifth-Year Evaluation Committee, University of Illinois at Urbana-Champaign, 1999, 2008
University Libraries, Search Committees, University of Illinois at Urbana-Champaign, 2002, 2005, 2009

University of Illinois, School of Information Sciences Committees

Executive Committee: 1997, 1998-1999, 1999-2000, 2004-2006, 2007-2009, 2010-2012, 2013-2014

Doctoral Studies Committee: GSLIS, 1996-97, 2001-2002, Fall 2003, 2006-07, chair 2009-2010, Fall 2012

Information Technology Advisory Committee: 2005-2006

Bioinformatics Program Development Committee: 2004-2005

Curriculum Committee: Spring 1998

Curriculum Committee, Access Subcommittee: 1998-1999

Admissions Committee: 1995-1996; Chair, Fall 2000

Numerous promotion and third-year review committees

School Research Events (developed and coordinated, open to campus)

CIRSS Seminars, irregular, 2010-2014

e-Research Roundtable research study group, weekly, 2009-2014

Metadata Roundtable, weekly, 2003-2009

Prior Academic and Professional Experience

Research Assistant. Project on Scholarly Communication and Research in an Interdisciplinary Institute, University of Illinois, 1992-1994.

Research Assistant. Library Research Center. Graduate School of Library and Information Science, University of Illinois, 1991-1992.

Access Services Librarian. Reference Department, Northern Illinois University Libraries, Northern Illinois University, 1989-1990.

Assistant Humanities Librarian. Humanities Division, Morris Library, Southern Illinois University at Carbondale, 1986-1989.

Librarian. Women's Center, Vanderbilt University. 1985-1986.

Grants

PI, Margaret Atwood: A Reference Guide, Canadian Studies Faculty Research Grant, Canadian Embassy, 1988.

PI, Margaret Atwood Bibliography Project, Southern Illinois University, Office of Research and Development, 1987-1988, funding for research assistant.

Professional Publications and Reviews

240. McCombs, Judith, & **Palmer, Carole L.** (1990). *Margaret Atwood: A Reference Guide*. Boston: G.K. Hall, 735 pp.

241. **Palmer, Carole L**. (1992). Public library circ leaps, while inflation outstrips spending. *American Libraries* 23(July/August), 596-597.

242. **Palmer, Carole L**. (1991). Public library circ static, spending up 11.5%. *American Libraries* 22(July/August), 659.

243. Koch, Loretta P. & **Palmer, Carole L**. (1991). Current Atwood checklist. *Newsletter of the Margaret Atwood Society* 8, 3-13.

244. **Palmer, Carole L**. (1990). The *Village Voice*. In *American Mass Market Periodicals*, edited by Alan Nourie and Barbara Nourie. Westport, CT: Greenwood, 551- 556.

245. **Palmer, Carole L**. (1990). Current Atwood checklist. *Newsletter of the Margaret Atwood Society* 4, 6-11.
246. **Palmer, Carole L**. (1989). Current Atwood checklist. *Newsletter of the Margaret Atwood Society* 6, 7-13.
247. **Palmer, Carole L**. (1988). Current Atwood checklist. *Newsletter of the Margaret Atwood Society* 5, 6-12.
248. **Palmer, Carole L**. (1987). Review of the *Journal of Decorative and Propaganda Arts*. *Choice* 24(July/August), 1668.
249. **Palmer, Carole L**. (1987). Current Atwood checklist. *Newsletter of the Margaret Atwood Society* 4, 4-9.
250. **Palmer, Carole L**. (1986). Current Atwood checklist. *Newsletter of the Margaret Atwood Society* 3, [5 pp. insert].

Professional Service

User Interface Committee, Illinois Library Computer System Organization (ILCSO), 1989-1990.
Northern Illinois Computerized Library System Committee. Northern Illinois University Libraries, 1989.
Online Catalog Committee. Morris Library, Southern Illinois University, 1987-1989.
Volunteer Museum Librarian. University Museum, Southern Illinois University, 1986-1988.