

# PAUL CONWAY CV

University of Michigan  
School of Information  
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105 S. State Street  
Ann Arbor, MI 48109  
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## EDUCATION

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- 1991 **PhD, Information and Library Studies**, University of Michigan  
Committee Chair: Olivia Frost  
Dissertation Title: *Archival Preservation in the United States and the Role of Information Sources*
- 1980 **MA, History: Administration of Archives**, University of Michigan
- 1975 **BA, History (Honors)**, Indiana University

## CAREER

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- September 2006 – Present **University of Michigan**, Ann Arbor, MI  
Associate Professor of Information, School of Information
- September 2013 – December 2013 **King's College London**  
Visiting Senior Research Fellow, Department of Digital Humanities
- August 2001 – August 2006 **Duke University**, Durham, NC  
Director, Information Technology Services, Duke University Libraries  
Director, Digital Asset Initiatives, Duke University Libraries  
Director, Curriculum Development, Information Science + Information Studies
- June 1992 – July 2001 **Yale University**, New Haven, CT  
Head, Preservation Department, Yale University Libraries
- January 1990 - May 1992 **National Archives and Records Administration**, Washington, DC  
Archives Specialist, Research and Evaluation Staff
- January 1988 - December 1989 **Society of American Archivists**, Chicago, IL  
Preservation Program Officer
- October 1977 - December 1987 **Gerald R. Ford Presidential Library**, Ann Arbor, MI  
Archivist
- January 1977 – September 1977 **National Archives and Records Administration**, Suitland, MD  
Archives Technician, Records Declassification Division

## JOURNAL PUBLICATIONS

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- 2015 [J.27] Donaldson, D.R. & **Conway, P.** (2015). "User Conceptions of Trustworthiness for Digital Archival Documents," *Journal of the American Society for Information Science and Technology* 66 (12): 2427-2444. DOI: 10.1002/asi.23330
- [J.26] **Conway, P.** (2015). "Digital Transformations and the Archival Nature of Surrogates," *Archival Science* 15 (1): 51-69. DOI: 10.1007/s10502-014-9219-z
- 2014 [J.25] **Conway, P.** (2014). "At the Nexus of Analog and Digital: A Symposium of Preservation Educators," *Preservation, Digital Technology & Culture* 43, No. 1-2; 2-8.
- 2013 [J.24] **Conway, P.** (2013). "New Culture of Scholarship: An Analysis of North American Archival Research Articles," *American Archivist Online Supplement to Volume 74*, pp. 306:1-15.
- [J.23] **Conway, P.** (2013). "Preserving Imperfection: Assessing the Incidence of Digitization Error in HathiTrust," *Preservation, Digital Technology & Culture* 42, No. 1, pp. 17-30. **Winner: Jesse H. Shera Award, American Library Association**

- 2011 [J.22] Fear, K. & **Conway, P.** (2011). "Valuing *American Archivist*: An Interpretation of SAA's First Readership Survey," *American Archivist* 74 (Fall/Winter): 685-702.
- [J.21] **Conway, P.** and Landis, W. (2011). "Open Access Publishing and the Transformation of *American Archivist* Online." *American Archivist* 74 (Fall/Winter): 483-506.
- [J.20] **Conway, P.** (2011). "Archival Quality and Long-term Preservation: A Research Framework for Validating the Usefulness of Digital Surrogates." *Archival Science* 11 (3): 293-309. [DOI: 10.1007/s10502-011-9155-0]
- [J.19] **Conway, P.** and Punzalan, R. (2011). "Fields of Vision: Toward a New Theory of Visual Literacy for Digitized Archival Photographs." *Archivaria* 71 (Spring): 63-97. **Winner: Hugh A. Taylor Prize, Association of Canadian Archivists**
- [J.18] Yakel, E., **Conway, P.**, Hedstrom, M., and Wallace, D. (2011). "Digital Curation for Digital Natives." *Journal of Education for Library and Information Science* 52 (Winter): 23-31.
- 2010 [J.17] **Conway, P.** (2010). "Modes of Seeing: Digitized Photographic Archives and the Experienced User." *American Archivist* 73 (Fall): 425-462. **Winner: SAA Fellows' Ernst Posner Prize for best article in *American Archivist***
- [J.16] Donaldson, D. R. & **Conway, P.** (2010). "Implementing PREMIS: A Case Study of the Florida Digital Archive," *Library Hi Tech*, Vol. 28 No. 2, pp. 273-289.
- [J.15] **Conway, P.** (2010). "Preservation in the Age of Google: Digitization, Digital Preservation, and Dilemmas." *The Library Quarterly* 80 (1): 61-79.
- 2009 [J.14] **Conway, P.** (2009). "Building Meaning in Digitized Photographs." *Journal of the Chicago Colloquium on Digital Humanities and Computer Science* 1 (no. 1).
- 2008 [J.13] **Conway, P.** (2008). "Modeling the Digital Content Landscape in Universities." *Library Hi Tech* 26 (3): 342-358. **Winner: Outstanding Paper Award, Literati Network Awards for Excellence**
- 1996 [J.12] **Conway, P.** (1996). *Preservation in the Digital World*. Washington, D.C.: Commission on Preservation and Access. Reprinted in *Preserving Our Heritage: Perspectives from Antiquity to the Digital Age*, edited by Michele Cloonan. ALA Neal-Schuman, 2014, pp. 408-425. **Translated into Spanish, Portuguese, Russian.**
- [J.11] **Conway, P.** (1996). "Yale University Library's Project Open Book: Preliminary Research Findings." *D-Lib Magazine* 2 (February).
- [J.10] **Conway, P.** (1996). "Selecting Microfilm for Digital Preservation." *Library Resources & Technical Services* 40 (January): 67-77.
- 1994 [J.09] **Conway, P.** (1994). "Digitizing Preservation: Microfilm and Paper Go Electronic." *Library Journal* 119 (February 1): 42-45. [cover story]
- 1993 [J. 08] **Conway, P.** (1993). "Effective Continuing Education for Training the Archivist." *Journal of Education for Library and Information Science* 34 (Winter): 38-47.
- 1990 [J.07] **Conway, P.** (1990). "Archival Preservation Practice in a Nationwide Context." *American Archivist* 53 (Spring): 204-222. Reprinted in: *American Archival Studies: Readings in Theory and Practice*. Edited by Randall C. Jimerson. Chicago: Society of American Archivists, 2000, pp. 495-517.
- 1989 [J.06] **Conway, P.** (1989). "Archival Preservation: Definitions for Improving Education and Training." *Restaurator* 10 (1): 47-60.
- 1988 [J.05] **Conway, P.** (1988). "Perspectives on Evaluating Workshop Education Programs," *Options: A Professional Journal about Adult Learning and Practice* 3 (Fall/Winter): 6-9.
- [J.04] **Conway, P.** (1988). "Archival Education and the Need for Full-time Faculty." *American Archivist* 51 (Summer): 254-263.

- 1987 [J.03] **Conway, P.** (1987). "Perspectives on Archival Resources: The 1985 Census of Archival Institutions." *American Archivist* 50 (Spring): 174-191.
- 1986 [J.02] **Conway, P.** (1986). "Facts and Frameworks: An Approach to Studying the Users of Archives." *American Archivist* 49 (Fall): 393-407. Reprinted in: *American Archival Studies: Readings in Theory and Practice*. Randall C. Jimerson (ed.). Chicago: Society of American Archivists, 2000, pp. 433-448.
- [J.01] **Conway, P.** (1986). "Research in Presidential Libraries: A User Survey." *The Midwestern Archivist* XI (July): 35-56.

## EDITED JOURNAL ISSUES

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- 2014 [E.01] **Conway, P.** (ed.). Special Double Issue: At the Nexus of Analog and Digital: A Symposium of Preservation Educators. *Preservation, Digital Technology & Culture* 43 (1-2), 1-72. (invited guest editor)

## PUBLISHED CONFERENCE PAPERS

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- 2014 [C.10] **Conway, P. (2014).** "Traces and Transformations: The Case for the Archival Nature of Digital Surrogates." In *Proceedings of 5<sup>th</sup> Conference on Archival Databases about Archival Information*, 4-6 June 2013, Rio de Janeiro.
- 2013 [C.09] **Conway, P.** (2013). "Page-Image Error in Large-Scale Digitization." *Proceedings of IS&T Archiving 2013*, Imaging Science & Technology, Washington, DC, April 4-7, pp. 36-42.  
<http://hdl.handle.net/2027.42/99521>
- [C.08] **Conway, P.** (2013). "Validating Quality in Large-Scale Digitization: Findings on the Distribution of Imaging Error." *Proceedings of Memory of the World: Digitization and Preservation*. UNESCO, Vancouver, BC, Canada, 24-26 September 2012.
- [C.07] **Conway, P. & Bronicki, J.** (2012). "Error Metrics in Large-scale Digitization." *Proceedings of the UNC/NSF Workshop Curating for Quality: Ensuring Data Quality to Enable New Science* (NSF III #1247471), September 10-11, 2012, Arlington, VA. <http://hdl.handle.net/2027.42/99520>
- 2011 [C.06] **Conway, P. & Williams, D.** (2011). "Enhanced Education for Better Imaging Practices: A Case Study at the University of Michigan." *Proceedings of IS&T Archiving 2011*, Imaging Science & Technology, Salt Lake City, UT, May 16-19, pp. 65-70.
- 2010 [C.05] **Conway, P.** (2010). "Measuring Content Quality in a Preservation Repository: HathiTrust and Large-Scale Book Digitization." *Proceedings of 7<sup>th</sup> International Conference on Preservation of Digital Objects* (iPres 2010), 19-24 September, Vienna, Austria, pp. 95-102.
- 2009 [C.04] **Conway, P.** (2009). "The Image and the Expert User." *Proceedings of IS&T Archiving 2009*, Imaging Science & Technology, Arlington, VA, May 4-7, pp. 142-50.
- [C.03] Yakel, E., **Conway, P.**, & Krause, M. G. (2009). "Thinking Like a Digital Curator: Creating Internships in the Cognitive Apprenticeship Model." *DigCCurr 2009: Digital Curation Practice, Promise and Prospects*, Chapel Hill, NC, April 1-3, pp. 7-11.
- 2008 [C.02] **Conway, P.** (2008). "Best Practices for Digitizing Photographs: A Network Analysis of Influences." *Proceedings of IS&T Archiving 2008*, Imaging Science & Technology, Berne, Switzerland, June 24-27, pp. 94-102.
- [C.01] **Conway, P.** (2008). "Ethics, Information Technology, and Today's Undergraduate Classroom." *Proceedings of the Third Annual iConference*, UCLA, Los Angeles, CA, February 28-March 1, pp. 233-238.

## BOOKS

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- 1994 [B.01] **Conway, P.** (1994). *Partners in Research: Toward Enhanced Access to the Nation's Archive: A Report on the Users of the National Archives*. Pittsburgh: Archives and Museum Informatics.

## BOOK CHAPTERS

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- 2015 [BC.12] **Conway, P.** (2015). "Permanence [Permanent Value]." In *Encyclopedia of Archival Science*. Edited by Luciana Duranti and Patricia C. Franks. Rowman & Littlefield Publishing Group, pp. 263-65.
- 2009 [BC.11] **Conway, P.** (2009). "Overview: Rationale for Digitization and Preservation." In *Handbook for Digital Conversion Projects: A Management Tool*. Edited by Maxine Sitts. Andover, MA: Northeast Document Conservation Center, 2000. <http://www.nedcc.org/digital/ii.htm> Reprinted in: *Museums in a Digital Age*, edited by Ross Parry. London: Routledge.
- 2006 [BC.10] **Conway, P.** & Jakobs, D. (2006). "The Modern Research Library" in *The Academic's Handbook*, Third ed. Edited by Leigh DeNeef and Craufurd Goodwin, pp. 334-347. Durham, NC: Duke University Press.
- 2001 [BC.09] **Conway, P.** (2001). "The Preservation Environment." In *Library Off-Site Shelving: Guide for High Density Facilities*. Edited by Danuta A. Nitecki and Curtis L. Kendrick, pp. 89-118. Littleton, CO: Libraries Unlimited.
- 2000 [BC.08] **Conway, P.** (2000). "Preserving the Nineteenth Century: Challenges and Possibilities." In *Getting Ready for the Nineteenth Century: Strategies and Solutions for Rare Book and Special Collections Librarians, Proceedings of the 39<sup>th</sup> Annual Rare Books and Manuscripts Preconference*. Edited by Laura Stalker and William E. Brown, pp. 51-71. Chicago: Association of College and Research Libraries.
- [BC.07] **Conway, P.** (2000). "Production Tracking." In *Moving Theory into Practice: Digital Imaging for Libraries and Archives*. Ed. Anne R. Kenney and Oya Rieger. Mountain View, CA: Research Libraries Group.
- 1999 [BC.06] **Conway, P.** (1999). "Digital Technology Made Simpler." In *Preservation of Library & Archival Materials*, 3<sup>rd</sup> Edition. Edited by Sherelyn Ogden. Andover, MA: Northeast Document Conservation Center. Translated into Spanish and Russian. <http://www.nedcc.org/resources/leaflets/6Reformatting/03DigitalTechnology.php>
- [BC.05] **Conway, P.** (1999). "The Relevance of Preservation in a Digital World." In *Preservation of Library & Archival Materials*, 3<sup>rd</sup> Edition. Edited by Sherelyn Ogden. Andover, MA: Northeast Document Conservation Center. <http://www.nedcc.org/resources/leaflets/6Reformatting/04RelevanceOfPreservation.php>
- 1994 [BC.04] Kenney, A. R. & **Conway, P.** (1994). "From Analog to Digital: Extending the Preservation Tool Kit." In *Digital Imaging Technology for Preservation: Proceedings from an RLG Symposium Held March 17 and 18, 1994 at Cornell University, Ithaca, New York*. Edited by Nancy Elkington. Mountain View, CA: Research Libraries Group, 1994. Reprinted simultaneously in *Collection Management* 22, No. 3/4, 1998, pp. 65-79; and: *Going Digital: Strategies for Access, Preservation, and Conversion of Collections to a Digital Format*. Edited by Donald L. DeWitt. Binghamton, NY: Haworth Press, 1998.
- [BC.03] Finch, E. F. & **Conway, P.** (1994). "Talking to the Angel: Beginning Your Public Relations Program," in *Advocating Archives: An Introduction to Public Relations for Archivists*, edited by Elsie Freeman Finch. Metuchen, NJ: Scarecrow Press, pp. 5-22.
- 1992 [BC.02] **Conway, P.** (1992). "Preserving History's Future: A Nationwide Strategy for Archival Preservation." In *Advances in Preservation and Access*, Volume 1. Edited by Barbra Buckner Higginbotham and Mary E. Jackson, pp. 244-260. Westport, Conn.: Meckler.
- 1991 [BC.01] **Conway, P.** (1991). "Education for Archival Preservation," in *National Conference on the*

## WHITE PAPERS

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- 2011 [WP.08] Williams, D. & **Conway, P.** (2011). *ISa GoldenThread: Use and Interpretation Manual*. Rochester, NY: Image Science Associates.
- 2001 [WP.07] Okerson, A. & **Conway, P.** (2001). *BYTES: Books You Teach Every Semester*. Final Report to the Andrew W. Mellon Foundation.  
<http://www.library.yale.edu/~okerson/BYTESFinal070401.PDF>
- 1998 [WP.06] Chapman, S., **Conway, P.**, Kenney, A. R. (1999). *Digital Imaging and Preservation Microfilm: The Future of the Hybrid Approach for the Preservation of Brittle Books*. Washington, D.C.: Council on Library and Information Resources.  
<http://www.clir.org/pubs/archives/hybridintro.html#description>
- 1997 [WP.05] *Preservation of Digitized Reproductions*. Official Policy Statement, Society of American Archivists. Approved by SAA Council June 9, 1997. <http://www.archivists.org/statements/preservation-digirepros.asp>
- 1996 [WP.04] **Conway, P.** (1996). *The Production-Conversion Phase of Project Open Book: Final Report to the National Endowment for the Humanities*. New Haven: Yale University Library.
- 1994 [WP.03] **Conway, P.** & Weaver, S. (1994). *The Setup Phase of Project Open Book: A Report to the Commission on Preservation and Access*. Washington, D.C.: Commission on Preservation and Access.  
<http://www.clir.org/pubs/abstract/pub47.html>
- 1991 [WP.02] *Digital Imaging and Optical Media Storage Systems: Guidelines for State and Local Government Agencies*. Albany, NY: National Association of Government Archives and Records Administrators, December 1991. [lead author, with National Archives staff]
- 1989 [WP.01] *Archives Assessment and Planning Workbook*, edited by Paul McCarthy. Chicago: Society of American Archivists, 1989. [assistant editor and author of statistical appendices]

## REVIEW ARTICLES

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- 2014 [R.14] *Conceptualizing 21st-Century Archives*. By Anne J. Gilliland. In *American Archivist* 77 (Fall/Winter 2014).
- 2012 [R.13] *Preserving Digital Materials*. 2<sup>nd</sup> Edition. By Ross Harvey. In *American Archivist* 75 (Fall/Winter 2012).
- 2011 [R.12] *Paper to Digital: Documents in the Information Age*. By Ziming Liu. In *The Library Quarterly* 81 (April 2011).
- 2007 [R.11] *Preservation Management for Libraries, Archives and Museums*. Edited by G. E. Gorman and Sydney J. Shep. In *American Archivist* 70 (Spring/Summer 2007).
- 2004 [R.10] *Vandals in the Stacks? A Response to Nicholson Baker's Assault on Libraries*. By Richard J. Cox. In *American Archivist* 67 (Spring/Summer 2004).
- 2001 [R.09] *Internet Publishing and Beyond: The Economics of Digital Information and Intellectual Property*. Edited by Brian Kahin and Hal R. Varian. In *portal: Libraries and the Academy* 1 (April 2001).
- 1998 [R.08] *Digital Image Access & Retrieval: Papers Presented at the 1996 Clinic on Library Applications of Data Processing*. Edited by P. Bryan Heidorn and Beth Sandore. In *Archival Issues* 23 (1998): 75-77.
- 1997 [R.07] Review Essay on Proceedings of Four RLG Digital Conferences. In *Library Resources & Technical Services* 41 (March 1997): 158-162.
- 1994 [R.06] *Preservation of Electronic Formats & Electronic Formats for Preservation*. Janice Mohlhenrich. In *NEA*

*Newsletter* 21 (January 1994): 23-24.

- 1993 [R.05] *Archival Appraisal*. Frank Boles. In *Information Processing & Management* Vol. 29, No. 4, (1993) pp. 525-526.
- [R.04] *Managing Institutional Archives: Foundational Principles and Practices*. Richard Cox. In *The Library Quarterly* 63 (July 1993): 370-372; and in *Journal of the American Society for Information Science* 44 (August 1993): 428-429.
- 1989 [R.03] *Directory of Archives and Manuscript Repositories in the United States*, 2<sup>nd</sup> Edition. In *American Archivist* 52 (Winter 1989): 102-103.
- 1986 [R.02] *A Reference Guide to United States Department of State Special Files*. Gerald K. Haines. In *American Archivist* 49 (Spring 1986): 196-197.
- 1985 [R.01] *Information Design: The Design and Evaluation of Signs and Printed Material*. Edited by Ronald Easterby and Harm Zwaga. In *The Midwestern Archivist* 10 (Fall 1985): 137-138.

## OTHER PUBLICATIONS

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- 2011 [O.11] **Conway, P.** (2011). "SAA Opens Access to Publications through HathiTrust," *Archival Outlook* (May/June). <http://www2.archivists.org/news/2011/saa-books-and-hathitrust>
- 2008 [O.10] Conway, P. (2008). "Tec(h)Tonics: Reimagining Preservation." *College & Research Libraries News* 69 (Nov.): 598-610.  
<http://www.ala.org/ala/mgrps/divs/acrl/publications/crlnews/2008/nov/techtonics.cfm>
- 2004 [O.09] **Conway, P.** (2004). "Deep Infrastructure Supports Digital Library Services." *Syllabus Magazine* (May).
- 2003 [O.08] **Conway, P.** (2003). "Zope at Duke University: Open Source Content Management in a Higher Education Context." *DigiCult.Info*, Number 6 (December 2003).  
[http://www.digicult.info/downloads/dc\\_info\\_issue6\\_december\\_20031.pdf](http://www.digicult.info/downloads/dc_info_issue6_december_20031.pdf)
- 2002 [O.07] **Conway, P.** (2002). "Building the Digital Library @ Duke." *Duke University Libraries Magazine* (Spring/Summer). Vol.15, No. 3, pp. 2-11.
- [O.06] **Conway, P.** (2002). "Towards a Shared Vision of Content Management in the Web Environment: An Outline of Concepts and Definitions." Association of Research Libraries, Task Force on Collections & Access, April.
- 2000 [O.05] **Conway, P.** (2000). "Raising Awareness of Faculty about Preservation Issues." *ARL Bimonthly Report* 213 (December).
- 1995 [O.04] **Conway, P.** (1995). "Yale Study of Imaging Costs: Some Early Findings." *ARL News* 182 (October 1995): 6-7.
- 1991 [O.03] **Conway, P.** (1991). "Digital Imaging Over the Long Run." *Inform* (Nov./Dec.): 31-36.
- 1990 [O.02] **Conway, P.** (1990). "Special Collections Revisited," *College & Research Library News* 51 (September).
- 1987 [O.01] **Conway, P.** (1987). "Archival Census: First Analysis." *The Bowker Annual of Library and Book Trade Information*. New York: Bowker, pp. 390-396.

## INVITED TALKS

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- 2015 [IT.22] Conference Keynote: "Engaging Education: On the Translation of Imaging Standards to Lab-based Education." *Archiving 2015*, Imaging Science & Technology, Los Angeles, CA May 22.
- 2013 [IT.21] "Plotting the Future of the e-Book: Word and Image in the 19<sup>th</sup> Century Photographically

Illustrated Book.” Digital Humanities Lecture Series, King’s College London, 12 Dec 2013, London.

- [IT.20] “Building the Case for the Archival Nature of Digital Surrogates.” 2013 Hilary Jenkinson Memorial Lecture, University College London, 24 Sept 2013, London.
- [IT.19] “Traces and Transformations: The Case for the Archival Nature of Digital Surrogates.” 5<sup>th</sup> Conference on Archival Databases about Archival Information, 4-6 June 2013, Rio de Janeiro.
- 2012** [IT.18] “Validating Quality of Digitized Books for Long-term Preservation: Findings on Digitization Error and Archival Quality.” Research Forum, Society of American Archivists Annual Meeting, San Diego, 7 August 2012.
- [IT.17] “Scoping the Published Archival Research Corpus: An Analysis of Research in Peer-reviewed Journals.” Archival Research and Education Institute [AERI], Los Angeles, 12 July 2012.
- 2011** [IT.16] “Building and Using Digital Collections: Confronting Causality and the Impact of Digital Remembering.” ACA@UBC I International Seminar and Symposium, 9-10 Feb 2011, School of Library, Archival & Information Studies, University of British Columbia.
- 2010** [IT.15] “Building & Using Digitized Photographic Collections.” International Symposium on Current Practices in Fine Art Reproduction, 17-19 June 2010, Rochester Institute of Technology, Rochester, NY.
- [IT.14] “Making Change: Challenges for the Cultural Heritage Sector in the Face of Ubiquitous Technology.” *The Tectonics of Digital Curation: A Symposium on the Shifting Preservation and Access Landscape*, 25-26 May 2010, MIT, Cambridge, Mass.
- 2009** [IT.13] “The Past is Prologue: Digitization and the Archive.” Keynote Address, *35<sup>th</sup> Annual Preservation Conference*, Celebrating the 75<sup>th</sup> Anniversary of the National Archives and Records Administration, 26 Mar 2009, Washington, DC.
- 2008** [IT.12] “Preservation in the Age of Google.” Keynote Address, *Persistence of Memory: Stewardship of Digital Assets*, 9 Nov 2008, Chicago, IL.
- 2007** [IT.11] “Preservation in the Age of Google.” Keynote Address, *Persistence of Memory: Stewardship of Digital Assets*, 28 Nov 2007, Seattle, WA.
- 2006** [IT.10] “Preservation in the Age of Google.” Keynote Address, *Persistence of Memory: Stewardship of Digital Assets*, 5 Dec 2006, Tucson, AZ.
- 2005** [IT.09] “Why Is IT So Hard to Do?” Plenary Address, *Bits & Bytes: A Digital Library Symposium Celebrating 150 Years of the University of Maryland Libraries*, Sept 2005, College Park, MD.
- 2004** [IT.08] “Institutional Repositories: Is There Anything Left to Say?” OCLC Distinguished Seminar Series, 6 Oct 2004, Dublin, OH <<http://www.oclc.org/research/dss/default.htm>>
- [IT.07] “Key Challenges in Archives Preservation Education” Keynote address, *Preservation Education: New Directions, New Partners*, Apr 2004, Simmons College, Boston, MA.
- [IT.06] “Beyond Digitization” Keynote address, Missouri Library Network Corporation, Feb 2004, Kansas City, MO
- 2003** [IT.05] “World on a String: Digital Libraries for Everyone” Keynote address, Michigan Library Consortium, Oct 2003, Lansing, MI
- [IT.04] “The Digital Landscape: What You Really Need to Know” Getty Research Institute, Apr 2003, Los Angeles, CA
- 2001** [IT.03] “Collaboration and the Compelling Case for Preservation” Missouri Library Network Corporation, Feb 2001, St. Louis, MO
- 2000** [IT.02] “Digital Preservation: Myth and Reality” NELINET Digital Reality II, June 2000, Boston, MA
- [IT.01] “Digital Technologies in Libraries: Hot Trends and Nagging Doubts” Keynote Address:

## CONFERENCE PRESENTATIONS

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- 2013** [CP.14] **Conway, P.** and Jacqueline Bronicki. (2013). "Digitization Error and Material Characteristics of Books." *American Library Association, Preservation and Reformatting Section, Midwinter Meeting*, Seattle, 25 January.
- 2012** [CP.13] **Conway, P.** (2012). "Validating Quality of Digitized Books for Long-term Preservation: Findings on Digitization Error and Archival Quality." *Research Forum, Society of American Archivists Annual Meeting*, San Diego, 7 August.
- [CP.12] **Conway, P.** (2012). "Scoping the Published Archival Research Corpus: An Analysis of Research in Peer-reviewed Journals." *Archival Research and Education Institute [AERI]*, Los Angeles, 12 July.
- 2011** [CP.11] **Conway, P.** (2011). "The Culture of Scholarship and Archival Education." *Society of American Archivists Annual Meeting*, Chicago, 26 August.
- [CP.10] **Conway, P.** (2011). "Scoping Archival Research Publications: Findings of a Preliminary Study." *Archival Research and Education Institute [AERI]*, Boston, 14 July.
- [CP.09] "MediaWiki and CTools: Supporting Collaborative Writing." *Enriching Scholarship*, University of Michigan, Ann Arbor, MI, 3 May.
- 2010** [CP.08] **Conway, P.** (2010). "Information Quality in Digital Preservation Repositories: Constructing a New Approach to Metrics." *Society of American Archivists Research Forum*, Washington, 10 August.
- [CP.07] **Conway, P.**, Fraistat, N., Galloway, P., Kraus, K., Rehberger, D., & Walter, K. (2010). "Digital Humanities Internships: Creating a Model iSchool-Digital Humanities Center Partnership," *Proceedings of Digital Humanities 2010*, Kings College London, UK, 7-10 July.
- [CP.06] **Conway, P.** (2010). "Modes of Seeing: Case Studies on the Use of Digitized Photographic Archives." *Proceedings of Digital Humanities 2010*, Kings College London, UK, 7-10 July.
- [CP.05] **Conway, P.** (2010). "Validation of Archival Quality for Long-Term Preservation," *Proceedings of Forum on Archives and Records Management Education and Research (FARMER)*, 5-6 July, Oxford University, UK.
- [CP.04] "Interviewing Expert Users of Digitized Photographic Archives: Expertise, peers, and participants." *Archival Education and Research Institute [AERI]*, Ann Arbor, MI, 20-25 June.
- 2009** [CP.03] **Conway, P.** (2009). "How Do Experts Use Digitized Photographs? Theory Development on Users and Use." *Society of American Archivists Research Forum*, Austin, TX, 12 August.
- 2008** [CP.02] **Conway, P.** (2008). "Building and Judging Meaning in Digitized Photographs." *Chicago Colloquium on Digital Humanities and Computer Science*, University of Chicago, 1-3 November.
- [CP.01] **Conway, P.** (2008). "Digitizing Photographs: Exploring the Relationship Between Building and Using Image Digital Archives." *Society of American Archivists Research Forum*, San Francisco, CA, 24 August.

## OTHER PRESENTATIONS

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- 2006** [SP.35] "Archival Research in Practice: Lessons from the NHPRC Archival Fellows Program." *NHPRC Research Fellowship Symposium*, October 2006, Chapel Hill, NC
- 2004** [SP.34] "Facts and Frameworks Revisited: On the Importance of Archival Use Metrics." June 2004, University of North Carolina, Chapel Hill, NC



- 2003** [SP.33] "Bringing IT All Together: The Digital Library @ Duke" OCLC Institute Symposium, January 2003, Philadelphia, PA
- [SP.32] "Library Efforts and IT Infrastructure" Common Solutions Group, January 2003, Austin, TX
- 2000** [SP.31] "Managing Preservation Technologies for the New Century" American Library Association Annual Meeting, July 2000, Chicago, IL
- 1999** [SP.30] "Show Me the Money: Lessons in Grant Writing" Connecticut Library Association, November 1999, Stamford, CT
- [SP.29] "Researching Archives: A Methodological Review" New England Archivists Spring Meeting, April 1999, Lowell, MA
- 1998** [SP.28] "Digital Technology: Challenges and Opportunities" Connecticut Town Clerk's Conference, October 1998, Southbury, CT
- [SP.27] "Implications of Digitization for Preservation" NELINET Digital Reality: Managing Electronic Resources, June 1998, Marlborough, MA
- [SP.26] "Digital Technology and the Future of Libraries" NEDCC's 25<sup>th</sup> Anniversary Conference: Preservation and the Humanities, May 1998, Boston, MA
- 1997** [SP.25] "Preservation in the Digital World" *Digitizing Photographic Collections: Where are We Now? What Does the Future Hold?* June 1997, Rochester, NY
- 1996** [SP.24] "Archival Pioneers: A Retrospective and Prospective Look" Symposium in Honor of Robert M. Warner, University of Michigan, October 1996, Ann Arbor, MI
- [SP.23] "Digital Technology Made Simple: Yeah Right!" New England Library Association, October 1996, Manchester, NH
- [SP.22] "Digital Image Conversion: Research Findings from Project Open Book" Yale University Library, June 1996, New Haven, CT
- [SP.21] "The Virtual Library in Theory and Practice" Seminar on the Acquisition of Latin American Library Materials [SALALM XLI], June 1996, New York City
- [SP.20] "Beyond the Hybrid Systems Approach: Lessons from Cornell and Yale" Digitizing Texts and Images: A Workshop for College Library Directors [CPA], April 1996, Charleston, SC
- 1995** [SP.19] "Preservation in the Digital World" New England Library Association, October 1995, Providence, RI
- [SP.18] "Basic Preservation and Conservation: Definitions and Sources of Information" Southbury Public Library, September 1995, Southbury, CT
- [SP.17] "From Microfilm to Digital Imaging: Implications for Preservation and Access" Society of American Archivists, September 1995, Washington, DC
- [SP.16] "Selecting Microfilm for Digital Preservation: A Case Study from Project Open Book" American Library Association, June 1995, Chicago, IL
- [SP.15] "Digitization: What Can It Do for Archives?" New England Archivists, May 1995, Hartford, CT
- 1994** [SP.14] "Implications of Digital Imaging Technology for Preservation" Commonwealth of Massachusetts Board of Library Commissioners, April 1994, Amherst, MA
- 1993** [SP.13] "Future Trends in Access to Archival and Library Resources" Yale Divinity School International Conference on Language, Culture and Translation, September 1993, New Haven, CT
- [SP.12] "Imaging and Related Information Standards for Libraries, Archives, and Museums" Association for Information and Image Management. Annual Conference, April 1993, Chicago, IL
- 1992** [SP.11] "Project Open Book: A Status Report" Library of Congress Roundtable on Preservation Research and Development, September 1992, Washington, DC
- 1990** [SP.10] "The Role of Education in Preservation: National and Regional Views" North Carolina

Statewide Preservation Planning Task Force, November 1990, Greenville, NC

- 1989 [SP.09] "Archival Preservation: Current Needs and Future Prospects" Tennessee Archivists. November 1989, Nashville, TN
- [SP.08] "The Heart of the Matter: International Cooperation on Preservation Education." Latin American Archives Preservation and Conservation Institute, September 1989, Austin, TX
- [SP.07] "The Future of Preservation Education in the United States." Society of Georgia Archivists, Atlanta, GA
- [SP.06] "Education for Archival Preservation Management," Conference on Statewide Preservation Planning, March 1989, Washington, DC
- 1988 [SP.05] "A Model Archival Preservation Program," Commission on Preservation and Access, October 1988, Washington, DC
- [SP.04] "Approaches to Evaluation: The Basic Archival Conservation Program." Toronto Area Archivists Group. March 1988, Toronto, ON
- 1987 [SP.03] "Models of User Services in Archives," SAA annual meeting, August 1987, New York, NY
- 1986 [SP.02] "Findings from the SAA Census of Archival Institutions," SAA annual meeting, September 1986, Chicago, IL
- 1982 [SP.01] "Archivists as Exhibition Researchers," Michigan Archival Association spring meeting, May 1982, Grand Rapids, MI

## STUDENT ADVISING AND MENTORING

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### Ph.D. Primary Advisor:

Devan R. Donaldson, PhD (2015)  
Matthew Burton, PhD (2015)  
Melissa Chalmers (Candidate)

### Dissertation Committee Member:

Magia Krause (2009-10)  
Marianne Ryan (2009-11)  
Ricardo Punzalan (2011 - 12)  
Morgan Daniels (2011 - 14)  
Lars Bjork, Hogskolan I Boras, Swedish School of Library and Information Science (2014)  
Edward Benoit, University of Wisconsin, Milwaukee (2013 - 14)  
Adam Kriesberg (2013 - 2015)

### Master's Thesis

Jessica Schaengold (MSI 2013) – Thesis title: *Archival Management Systems and Workflow*  
Rebecca Frank (MSI 2012) – Thesis Title: *Disaster Planning and Trusted Digital Repository Certification*  
Amanda Visconti (MSI 2010) – Thesis Title: *Songs of Innocence and of Experience: Amateur Users and Digital Texts*

### Undergraduate

Gabrielle Carels (BA 2014) – Independent Concentration Program – Digital Environments

## GRANTS

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- 2015 University of Michigan. Center for Research on Learning and Teaching, Gilbert Whitaker Fund. Algorithms and Quality in Collaborative Writing: Extending MediaWiki Tools for Assessing Upper Level Writing [PI], 2015-16 [\$5,557]
- Humanities Without Walls Consortium. Aggregating Great Lakes Environmental History: Exploring the Value of Distributed Digital Archives for Research and Teaching. [PI], 2015-16 [\$75,000]

- University of Michigan. African Heritage Initiative. Physical and Intellectual Access to the Leo Sarkisian Collection of Sound Recordings. [co-PI with Kelly Askew], 2015-16 [\$10,000]
- 2012** University of Michigan MCubed Initiative. Community, Memory, and Ethical Access to Music from The Ark and the African Field. [PI], 2013-14. [\$60,000]
- Rackham GSRA Spring/Summer Grant Program. Reading Digital Surrogates of Books: Threshold Factors. [PI], 2012. [\$9,000]
- 2011** Supplement (Student Support): Engaging Communities to Foster Internships for Preservation and Digital Curation. [Co-PI], 2011-12. [\$125,000]
- 2010** Institute of Museum and Library Services. National Leadership Grant Program. *Validating Quality in Large-Scale Digitization: Metrics, Measurement, and Use-Cases*. [PI], 2010-13. [\$674,000]
- National Endowment for the Humanities. *Preservation and Access Virtual Education Laboratory for Digital Humanities*. [Senior Personnel], 2010-11. [\$248,312]
- 2009** Andrew W. Mellon Foundation. Program Officer's Planning Grant. *Validation of Digital Objects in Hathitrust*, 2009-10. [\$49,000]
- 2008** Institute for Museum and Library Services. 21<sup>st</sup> Century Librarian Program. *Digital Humanities Internship Program*. [UM PI], 2008-11. [\$167,717]
- Institute for Museum and Library Services. 21<sup>st</sup> Century Librarian Program. *Engaging Communities to Foster Internships for Preservation and Digital Curation*. [Co-PI], 2008-11. [\$631,816]
- 2007** University of Michigan. President's Ethics in Public Life Initiative, 2007-08. Technology environment for SI 410 Ethics and Information Technology. [\$5,525]
- National Science Foundation. [CISE/III]. Small Grant for Experimental Research, 2007-08. "Beyond Image Retrieval: Bridging Digitization Processes and End-User Judgments in a Large-Scale Image Digital Library." Principal Investigator. [\$120,719]
- University of Michigan, Provost, Multidisciplinary Learning and Team Teaching Initiative. 2007-09. Program in Informatics, planning and startup funding. [\$378,986]
- 2006** Andrew W. Mellon Foundation, Program Officer's Planning Grant. 2006. Campus digital asset management planning on the Duke and Dartmouth university campuses. [\$41,300] [collaborator with Duke and Dartmouth teams]
- 2005** Andrew W. Mellon Foundation, Program Officer's Planning Grant. 2005. Planning the Future of the Duke Databank of Documentary Papyri. [\$48,000] [co-PI with Joshua Sosin]  
[http://www.perseus.tufts.edu/cache/perscoll\\_DDBDP.html](http://www.perseus.tufts.edu/cache/perscoll_DDBDP.html)
- 2004** National Historical Publications and Records Commission. Archival Fellowship on Electronic Records Preservation, 2004-07 [\$265,000; \$175,000] [co-PI with Helen Tibbo]  
<http://www.ils.unc.edu/nhprcfellows/>
- 2002** National Historical Publications and Records Commission. Managing the Digital University Desktop, 2002-05 [\$325,000] [co-PI with Helen Tibbo] <http://ils.unc.edu/digitaldesktop/>
- 1994-01** National Endowment for the Humanities. Multiple Preservation and Access grants for microfilm projects, totaling ca. \$2,500,000.

## HONORS AND AWARDS

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- 2015 Senior Fellow, Writing Seminar, Sweetland Center for Writing, University of Michigan
- 2014 Jesse H. Shera Award, American Library Association [Best Research Paper of the Year]
- 2012 Hugh A. Taylor Prize, Association of Canadian Archivists [Best Paper in *Archivaria*]
- 2011 SAA Fellows' Ernst Posner Award [Best Paper in *American Archivist*]
- 2011 Provost's Teaching Innovation Prize, University of Michigan

- 2009 Outstanding Paper Award, Literati Network Awards for Excellence  
 2008 Dean's Outstanding Achievement Award
- 2005 Paul Banks and Carolyn Harris Preservation Award, American Library Association  
 2004 Research Libraries Leadership Fellowship, Association of Research Libraries  
 2002 Teamwork Award, Duke University [Perkins Library renovation planning]  
 2001 Promotion to Librarian V [top professional rank] (Yale)  
 1997 Fellow, Society of American Archivists  
 1996 Fellow, Calhoun College, Yale University  
 1994 Promotion to Librarian IV (Yale)  
 1993 Resolution of Thanks, Society of American Archivists [strategic planning leadership]  
 1989 Certified Archivist, Academy of Certified Archivists  
 1986 Archivist's Achievement Award, National Archives and Records Administration  
 1986 H. W. Wilson Scholarship, University of Michigan  
 1985 Mellon Fellowship, Bentley Historical Library, University of Michigan  
 1984 Citation for Outstanding Performance, National Archives and Records Service  
 1982 Commendable Service Award, National Archives and Records Service

## EDITORIAL BOARDS

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*American Archivist*, 2006-2012

*Preservation, Digital Technology & Culture*, 2012-

Digital Humanities Series, Digital Culture Books, University of Michigan Press, 2012-

## TEACHING

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### University of Michigan School of Information

SI 410 "Ethics and Information Technology" (4), Fall 2012, Fall 2011, Fall 2010, Fall 2009

Open.Michigan: <http://open.umich.edu/education/si/si410/fall2010>

SI 514 "Special Topics: Digital Humanities Debates and Techniques" (1.5), Winter 2015, Winter 2014

SI 580 "Understanding Archives and Records" (3), Fall 2012, Winter 2010, Winter 2009, Winter 2007

Open.Michigan: <http://open.umich.edu/education/si/si580/winter2009>

SI 615 "Special Topics: Seminar on Digital Libraries" (3), Winter 2008, Winter 2007

Open.Michigan: <http://open.umich.edu/education/si/si615/winter2008>

SI 625 "Digital Preservation" (3), Winter 2015

SI 640/SI 740 "Digital Libraries and Archives" (3), Fall 2011, Fall 2010, Winter 2009

Open.Michigan: <http://open.umich.edu/education/si/si640/winter2009>

Open.Michigan: <http://open.umich.edu/education/si/si640/fall2010>

SI 675 "Digitization for Preservation" (1.5), Winter 2014, 2013, 2012, 2011, Fall 2009, Fall 2008

Open.Michigan: <http://open.umich.edu/education/si/si675/winter2011>

SI 678 "Preserving Sound and Motion" (1.5), Winter 2015, Winter 2013, Winter 2012, Winter 2011, Winter 2010,

Fall 2008, Fall 2007 Open.Michigan: <http://open.umich.edu/education/si/si678/winter2010>

### Duke University, Information Science + Information Studies (ISIS)

ISIS 210 "How They Got Game: History & Culture of Interactive Simulations" (4), Spring 2006

ISIS 100 "Introduction to ISIS Topics" [library issues module], Fall 2003-2005

### University of North Carolina – Chapel Hill, School of Library and Information Science

INLS 210 "Archival Approaches to Digital Content Management" Spring 2002-2006

### Southern Connecticut State University, School of Communication, Information, and Library Science

"Preservation of Library Materials" Spring 1994-2001

"Digital Preservation" Fall 1999-2001

"Preservation of Digital Media" [online distance learning] Spring 2001

## CURRICULUM DEVELOPMENT

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### University of Michigan School of Information

- [2015] Senior Fellow, Fellows Seminar 2015, Sweetland Center for Writing [collaboration and mentoring on writing with new technologies]
- [2014] Digital Rhetoric and the Bachelor of Science in Information [curriculum path for new degree program at UMSI]
- [2007-12] Program in Informatics [new undergraduate concentration -- collaboration between SI, College of Engineering, and College of Literature, Science & Arts (Statistics)] – approved April 2008.

### Duke University, Information Science + Information Studies (ISIS)

First-Year Undergraduate FOCUS Program, “Game2Know,” 2006.

## WORKSHOP INSTRUCTION

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### Northeast Document Conservation Center

*School for Scanning* Boston (1994), Washington, DC (1996), San Francisco (1997), New York (1997), New Orleans (1998), Chicago (1999), Seattle (2000), Del Ray, FL (2001), The Hague, Netherlands (2002), Los Angeles (2003), Chicago (2004), Boston (2005), Havana, Cuba (2001), San Juan (1998).

*To Film or To Scan Preservation Workshop* Philadelphia (1995), New York City (1995), Lexington, KY (1996), Boulder (1996), New York City (1996), New Orleans (1997), Ann Arbor (1998), Boca Raton (1999), Denver (1999), Providence (2000), Minneapolis (2001), and Cape Town, South Africa (2001), Cheyenne, WY (2002).

### Society of American Archivists

*Digital Imaging Technology Workshop* Grand Junction, Colo. (1996), Chicago (1997), St. Louis (1997), Washington, DC (1998), Storrs, Conn. (1998), Seattle (1999), Durham, NC (2000), Birmingham, AL (2002), Tucson, AZ (2003), Los Angeles (2003), New York City (2004), Boston (2004, 05), Lexington, KY (2005), Richmond, VA (2005), State College, PA (2006).

### University of Michigan School of Information

Digital Tool Kit *Preservation in a Digital World* (1999, 2000, 2001)

## SERVICE

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### Service to School of Information

Doctoral Committee (Member), 2014  
Undergraduate Committee (Chair and Member), 2006 – 2013, 2014-15  
Informatics Faculty Steering Group (Chair and Member), 2007-12  
Task Force on Undergraduate Education (Member), 2011-12

### Service to University of Michigan

Center for Research on Learning and Teaching  
Faculty Advisory Board, 2011-2013  
Graduate Teaching Certificate + Digital Media, Faculty Mentor, 2014-15  
Gerald R. Ford Library Advisory Board, 2007 – 2009  
HASTAC 2011, Ann Arbor, MI, Program Committee, 2011  
Provost’s Multidisciplinary Learning and Team Teaching Steering Committee, 2006-09  
Provost’s Task Team on Engaged Education and Digital Learning, 2014  
University Library, Scholarly Communications Committee, 2007 – 2009  
University Library, Web Site Faculty Advisory Group, 2008  
University Library, Library Council, 2011-14  
University Library, Executive Committee, University of Michigan Press, 2012 – 16  
University Musical Society, UMS Lobby Project, National Steering Committee, 2011-13

## PROFESSIONAL ACTIVITIES/SERVICE

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**Service to Duke University** Bostock Library Move Task Force, Chair, 2005  
Executive Liaison, Library Staff Recognition Committee, 2001-03  
Integrated Library System Advisory Group, [co-chair] 2002-04  
ISIS Faculty Advisory Board [Curriculum Committee], 2001- 2006  
OIT Content Management System Working Group, 2002-05  
OIT Information Technology Advisory Committee, 2002 - 2006  
OIT Multimedia Planning Group, 2004  
OIT Portal Working Group, 2003  
Perkins Library Renovation Planning Team, 2001-03  
University Working Group on Technology in the Arts and Humanities, 2005

**Service to Yale University** Binding Policy Review Task Force, 1992-94; 1999-00  
Committee on Action Planning, 1993-96  
Library Human Resources Advisory Council, (Chair)1999- 2001  
Library Management Council, 1995 - 2001  
Library Shelving Facility — Facilities Working Group, 1997-98  
Library Shelving Facility — Selection Working Group, 1997-99  
Library Shelving Facility — Processing/Services Working Group, 1997-00  
Promotion Review Committee, 1996-98  
Technical Services Management Group, 1994- 2001  
University Committee on Library Space Planning, 1999-00  
University Working Group on Off-Campus Shelving, 1996

**Professional Societies** **Society of American Archivists, 1984 -**  
American Archivist Online Migration Task Force, chair 2014-15  
American Archivist Online Committee, co-chair 2006-07  
Annual Meeting Program Committee, 1988, 1992  
Committee on Goals and Priorities, member 1989-90, chair 1991-94  
Fundamental Change Work Group, member 2010-13  
Mentor, 1994-95  
Representative (voting) to National Information Standards Organization, 1996-98  
Task Force on Continuing Education, 1999-00  
Task Force on Institutional Evaluation, 1984-89  
Task Force on Preservation, 1989-92

**Michigan Archival Association, 1978 -**  
President, 1986-88; Executive Board, 1984-86  
Program Committee, 1982-87

**Reviewer** IMLS, National Leadership Grants Program, 1999, 2000, 2011  
IMLS, Laura Bush 21<sup>st</sup> Century Librarian Program, 2011, 2013  
Library of Congress, AmeriTech Digitization Grants Panel, 1998  
MacArthur Foundation, Digital Media & Learning Competition, 2007, 2008, 2010, 2012  
NEH, Preservation and Access Division, 1996, 1998, 2001, 2004, 2005  
NHPRC, 2004, 2006  
National Science Foundation, 2007  
Society of American Archivists, Peer reviewer, *A\*Census Final Report*, 2006

**Other Service** ACH Digital Humanities Conference, Program Committee, 2011, 2012, 2013, 2014  
AIIM Standards Board, Member, 2005 - 2008

Commission on Preservation and Access/Council on Library & Information Resources  
     Hybrid Approach Study Group, 1998-99  
     Papyrus Digitization Advisory Board, 1994-95  
     Microfilm Print Master Storage Task Force, 1993-94  
     Microfilm Quality Control Task Force, 1993-94  
     Preservation Advisory Committee, 2006 – 2008  
     Preservation Science Council, 1992 - 99  
     Task Force on Appraisal, 1991-92  
 International Conference on Digital Preservation (iPres)  
     Program Committee, 2009, 2010, 2011, 2012, 2013  
 Joint Conference on Digital Libraries, 2006, 2007, 2008, 2009 Program Committees  
 NEDCC Advisory Committee, 1994-00  
 Research Libraries Group  
     Hybrid Approaches Conference Planning Task Force, 1997-98  
     Digital Preservation Symposium Task Force, 1993-94  
     RLIN Records Task Force, 1993  
 Society for Imaging Science & Technology, Archiving Conference, Program Committee,  
     2010, 2011, 2012, 2013, 2014  
 Triangle Research Libraries Network, 2001 - 2005  
     Committee on Information Technology, (Chair) 2001-03

## SELECTED CONSULTING

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- 2013** Northeast Document Conservation Center [Digital Directions conference program planning]  
**2009** Chelsea (MI) Public Library [digital access to photograph collections]  
**2007** Boston College Library [digital preservation planning]  
     The Henry Ford [digital access to collections]  
  
**2006** New York Public Library [digital library services]  
**2004** Simmons College, Graduate School of Library and Information Science [curriculum]  
     University of Pittsburgh [IMLS project consultant, digital imaging]  
**2002** Rutgers University Library [preservation program assessment]  
**1999** Boston Public Library [digital library grants planning]  
     Indiana University Libraries [preservation program assessment]  
     UCLA-NSF Social Aspects of Digital Libraries [digital library development]  
**1992** Columbia Preservation Program Relocation [education program development]