
CURRICULUM VITAE

JEROME P. McDONOUGH

Associate Professor, School of Information Sciences
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I. PERSONAL HISTORY & PROFESSIONAL BACKGROUND

Educational Background

University of California at Berkeley, B.A., Rhetoric (1991).
University of California at Berkeley, M.L.I.S., Library & Information Studies (1992).
University of California at Berkeley, Ph.D., Library & Information Studies (2000).

Academic Positions

April 2000 – June 2005, Assistant Curator, Bobst Library, New York University.
July 2005 – June 2011, Assistant Professor, GSLIS, University of Illinois at Urbana-Champaign.
July 2011 – Present, Associate Professor, GSLIS, University of Illinois at Urbana-Champaign.

Other Professional Employment

1998 – 2000, Programmer/Analyst II, Main Library, University of California at Berkeley.

Honors, Recognitions & Outstanding Achievements

Incomplete List of Teachers Ranked as Excellent, Spring 2007, LIS590MDL
Incomplete List of Teachers Ranked as Excellent, Fall 2006, LIS590DIL
Incomplete List of Teachers Ranked as Excellent, Fall 2016, IS543

Invited Lectures & Conference Presentations

McDonough, Jerome. "Introduction to METS." An invited lecture at UKOLN, University of Bath, Bath, UK, July 13, 2004.

McDonough, Jerome. "The Multilingual Digital Library & METS / 多语言数字图书馆与METS." *Sun Microsystems China Education & Research Conference*. Beijing, China, May 17-18, 2006.

McDonough, Jerome. "The State of the Digital Library in the U.S." An invited lecture at the National Library of China, Beijing, China, May 19, 2006.

McDonough, Jerome. "A Daunting PREMIS: Implementing Preservation Metadata within the METS Framework." *International Conference on Digital Archive Technologies (ICDAT2006): Bridging Technology and Content in Digital Archives*. Institute of Information Science, Academia Sinica, Taipei, Taiwan, October 19-20, 2006.

McDonough, Jerome. "Is a METS File a Bibliographic Record, and if so, for what – FRBR, Structural Metadata, and the Design of Digital Library Objects." Part of a panel discussion on Theoretical Topics in FRBR, *American Society for Information Science & Technology Annual Meeting 2006 (ASIS&T 2006)*. Austin, TX, November 3-9, 2006.

McDonough, Jerome. "We Are Not Alone: The Role of the Research Library in a Suddenly Crowded Information Universe." An invited lecture at the British Library, Boston Spa. July 16, 2007.

McDonough, Jerome. "How will we preserve virtual worlds?" An invited lecture at the *Games & Erfgoed* Conference at FARO, Vlaams Steunpunt voor Cultureel Erfgoed VZW, Brussel, Belgium, Dec. 5, 2008.

McDonough, Jerome. "Preserving Virtual Worlds." An invited lecture at the *First Digital Lives Research Conference: Personal Digital Archives for the 21st Century*, British Library, London, Feb. 9-11, 2009.

McDonough, Jerome. "Machinima, Virtual Worlds & Law." An invited lecture at the *Play Machinima Law Conference*, Stanford University, Palo Alto, CA, April 25, 2009.

McDonough, Jerome. "That Which Survives." An invited lecture at *Ensuring Enduring Access: A Forum on Digital Preservation*, Consortium of Academic & Research Libraries in Illinois (CARLI), Champaign, IL, July 21, 2009.

Mostafa, Javed, Jeffrey Pomenrantz, Helen R. Tibbo, Jerome McDonough & Carol Palmer. "Developing Curriculum for Digital Libraries and Digital Curation Education: Reflections on Synergies and Divergencies." An invited panel discussion at the *Annual Conference of the American Society for Information Science & Technology*, Columbus, OH, Oct. 24-29, 2008.

McDonough, Jerome. "Preserving Virtual Worlds [虚拟世界的数字信息保存]: Computer Games & Digital Preservation [电脑游戏和数字保存]." An invited talk at Southwest University, Chongqing, China, May 25, 2012.

McDonough, Jerome. "Preserving Virtual Worlds [虚拟世界的数字信息保存]: Computer Games & Digital Preservation [电脑游戏和数字保存]." An invited talk at the School of

Information Management, Wuhan University, Wuhan, Hubei Province, China, May 30, 2012.

McDonough, Jerome. "A Tangled Web: Metadata & Problems in Game Preservation." An invited talk at the *Preservation of Complex Objects Symposia: Gaming Environments & Virtual Worlds*, Cardiff, Wales, UK, January 26-27, 2012.

McDonough, Jerome. "Preserving Virtual Worlds: Bytes, Context & Community." An invited talk at the *Rosetta Advisory Group Meeting, 2013*, New York, NY, June 3-4, 2013.

McDonough, Jerome. "New Worlds to Explore: The National Library in the Digital Age." An invited talk at the *Ex Libris National Library Advisory Group, IFLA World Library & Information Congress, Columbus, OH, May 17, 2016*.

Offices Held in Professional Societies

Digital Library Federation Developers' Forum, Co-Chair, 2002 – 2003
 Metadata Encoding & Transmission Standard Editorial Board, Chair, 2002 – 2005
 Digital Library Federation Program Committee, 2003 – 2004
 National Information Standards Organization Standards Development Committee, 2004 – 2006

Editorships of Journals or Other Learned Publications

Editorial Board, *Journal of Library Metadata*, Haworth Press, June 2007 – Present.
 Editorial Board, *Publications (Open Access Journal)*, MDPI, AG, Aug. 2012 – 2016.

Advisory Boards

Preserving (Digital) Objects With Restricted Resources (POWRR). <http://digitalpowrr.niu.edu>.
 Sponsoring Agency: IMLS (#LG-05-11-0156-11). 2011-2014.

Developing Library Strategy for 3D and Virtual Reality. <https://lib.vt.edu/research-learning/lib3dvr.html>. Sponsoring Agency: IMLS (#LG-73-17-01410-17). 2017-2018.

Grants

Principal Investigators: Dean John Unsworth & Assoc. Univ. Librarian Beth Sandore.
 Served as lead researcher for INFORM, an investigation into file format risk assessment.
 National Digital Information Infrastructure for Preservation Program, Library of Congress.
 "ECHODep: A Partnership in the National Digital Information Infrastructure Program"
 (funded extension to original grant). 2007-2010. \$1,675,000.00.

Principal Investigator: Jerome McDonough. Co-PIs: Assoc. Prof. Matthew Kirschenbaum (Univ. of Maryland), Curator Henry Lowood (Stanford University) & Professor Andrew Phelps (Rochester Inst. of Technology). National Digital Information Infrastructure for Preservation Program, Library of Congress. "Preserving Creative America: Preserving Virtual Worlds." 2008-2010. \$1,151,905.00.

Principal Investigator: Jerome McDonough. Co-PIs: Assoc. Prof. Matthew Kirschenbaum, Asst. Prof. Kari Kraus (Univ. of Maryland), Curator Henry Lowood (Stanford University), Professor Andrew Phelps & Asst. Prof. Chris Egert (Rochester Inst. of Technology). Inst. of Museum & Library Services National Leadership Grant. "Preserving Virtual Worlds II: Methods for Evaluating and Preserving Significant Properties of Educational Games and Complex Interactive Environments." 2010-2012. \$1,104,494.00

Principal Investigator: Gloriana St. Clair. Co-PIs: Assoc. Prof. Jerome McDonough & Anita de Waard. Inst. of Museum & Library Services National Leadership Grant. "Olive: A Digital Archive for Executable Content." 2012-2014. \$668,982.00

Principal Investigator: Roy Campbell. National Science Foundation Grant No. 1241773. "Program in Digital Forensics." 2012-2015. \$548,720.00

Principal Investigator: Kenton McHenry. National Science Foundation Grant No. 1261582. "CIF21 DIBBS: Brown Dog." 2014-2018. \$10,519,716.00

Principal Investigator: Campbell, R. Co-PIs: Bashir, M. Kesan, J. Nicol, D., Marshall, A., DeStefano, L., & Sebestik, J. "Program in Digital Forensics (PDF)." Sept. 2012 – August 2016. National Science Foundation. \$548,720.

Principal Investigator: Spencer Shaffner, Co-PIs: Melissa Littlefield, Jimena Canales, William Barley, Sally Jackson, Terri Weissman, Prita Meier, Jerome McDonough, Anita Chan, Cheryl Cole. "Seeing Systems : Technology Studies and Knowledge Infrastructures across the Humanities." INTERSECT, Graduate College, UIUC. 2015-2017.

Principal Investigator: John Unsworth. Andrew W. Mellon Foundation Planning Grant 11500127. "The HistoryMakers and Higher Education." 2015. \$51,500.00

Principal Investigators: Maria Bonn, Lori Kendall, Jerome McDonough. Andrew W. Mellon Foundation Grant 31500117. "Preserving Intangible Cultural Heritage." 2015-2016. \$25,500.00

Review Panels

Institute of Museum & Library Services, Research & Demonstration Panel, 2006.
 Institute of Museum & Library Services, Laura Bush 21st Century Librarian, 2016.
 National Endowment for the Humanities, 2006.
 Social Sciences and Humanities Research Council of Canada (SSHRC), 2007.

II. PUBLICATIONS & CREATIVE WORKS

Doctoral Thesis Title

Under Construction: The Application of a Feminist Sociology to Information Systems Design.

Chapters in Books

McDonough, Jerome. Encoding Digital Objects with METS. In R. Tennant (Ed.), *XML for Libraries*. New York: Neal-Schuman Publishers, Inc. (2002): 167-180.

* McDonough, Jerome and Jimenez, Mona. Video Preservation and Digital Reformatting: Pain and Possibility. In William E. Landis, and Robin L.Chandler (Eds.) *Archives and the Digital Library*, Binghamton, NY: The Haworth Information Press, an imprint of The Haworth Press, Inc., (2006): 167-191.

+ McDonough, Jerome. How will we preserve virtual worlds? In Bart De Nil & Jeroen Walterus (Eds.), *Erfgoed 2.0: Nieuwe Perspectieven voor Digitaal Erfgoed*. Brussel: Pharo Publishing (2009): 21-38.

+ McDonough, Jerome. A Tangled Web: Metadata and Problems in Game Preservation. In Janet Delve, David Anderson, Milena Dobрева, Drew Baker, Clive Billenness & Leo Konstantelos (Eds.), *The Preservation of Complex Objects, Volume 3, Gaming Environments and Virtual Worlds* London: JISC (2013). Available at: http://www.pocos.org/books/pocos_vol_3.pdf#page=51

Articles in Journals

Buckland, Michael K., Mark H. Butler, Barbara A. Norgard, and Christian Plaunt, with sidebars by Anne Le Blanc, Jerome McDonough, Mark H. Butler, Christian Plaunt, and Michael K. Buckland. "OASIS: A Front-End for Prototyping Catalog Enhancements." *Library Hi Tech* 40, 10(4), 1992: 7-22.

* Larson, Ray R., Jerome McDonough, Paul O'Leary, Lucy Kuntz and Ralph Moon. "Cheshire II: Designing a Next-Generation Online Catalog." *Journal of the American Society for Information Science* 47(7), July 1996: 555-567.

- * McDonough, Jerome. "SGML and the USMARC Standard: Applying Markup to Bibliographic Data." *Technical Services Quarterly* 15(3), 1998: 21-33.
 - # * McDonough, Jerome. "Designer Selves: Construction of Technologically Mediated Identity within Graphical, Multiuser Virtual Environments." *Journal of the American Society for Information Science* 50(10), 1999: 855-869.
- McDonough, Jerome. A dozen primers on standards: METS. *Computers in Libraries*, 24(2), 2004: 20.
- * McDonough, Jerome. "METS: Standardized Encoding for Digital Library Objects." *International Journal of Digital Libraries* 6(2), 2006: 148-158. Available in SpringerLink Online First, DOI 10.1007/s00799-005-0132-1).
 - * McDonough, Jerome and Mona Jimenez. "Video Preservation and Digital Reformatting: Pain & Possibility." *Journal of Archival Organization* 4(1/2), 2006: 167-191.
 - * McDonough, Jerome. "XML, Interoperability and the Social Construction of Markup Languages: The Library Example." *Digital Humanities Quarterly* 3(3), 2009. Available at:
<http://www.digitalhumanities.org/dhq/vol/3/3/000064/000064.html>.
 - * McDonough, Jerome, Matthew Kirschenbaum, Doug Reside, Neil Fraistat and Dennis Jerz. "Twisty Little Passages Almost All Alike: Applying the FRBR Model to a Classic Computer Game." *Digital Humanities Quarterly* 4(2), Fall 2010.
 - * McDonough, Jerome. "Packaging Videogames for Long-Term Preservation: Integrating FRBR and the OAI Reference Model." *Journal of the American Society for Information Science & Technology*, 62(1), January 2011, pp. 171-184.
 - * McDonough, Jerome & Robert Olendorf. "Saving Second Life: Issues in Archiving a Complex, Multi-user Virtual World." *International Journal of Digital Curation*, 6(2), 2011. Available at: <http://www.ijdc.net/index.php/ijdc/article/view/185>
 - * McDonough, Jerome. "Fostering High-Impact Research in the Preservation Field: A Response." *Preservation, Digital Technology & Culture (PDT&C)*, 43(1-2), April 2014, pp. 65-68. DOI 10.1515/pdtc-2014-1014. Available at:
<http://www.degruyter.com/view/j/pdtc.2014.43.issue-1-2/pdtc-2014-1014/pdtc-2014-1014.xml?format=INT>

Bulletins, Reports, or Conference Proceedings

- * Larson, Ray R., Ralph Moon, Jerome McDonough, Lucy Kuntz and Paul O'Leary. "Cheshire II -- Design and Evaluation of a Next-Generation Online Catalog System." *Proceedings of the ASIS Annual Meeting, 1995*, vol. 32: 215-225.

- Larson, Ray R. and Jerome McDonough. "Cheshire II at TREC 6: Interactive Probabilistic Retrieval." *The Sixth Text REtrieval Conference (TREC-6), NIST special publication 500-240*, Gaithersburg, MD: U.S. Dept. of Commerce, Technology Administration, National Institute of Standards and Technology (1998): 649-660.
- * McDonough, Jerome and Merrilee Proffit. "The Making of America II: Towards a Standardized Architecture for the Digitization of Primary Sources." *Proceedings of the ACH/ALLC Conference (Charlottesville, VA)* (1999). Available at: <http://www2.iath.virginia.edu/ach-allc.99/proceedings/mcdonough.html>
- McDonough, Jerome. "Preservation-worthy Digital Video, or How to Drive Your Library into Chapter 11." *Electronic Media Group, American Institute for Conservation of Historic & Artistic Works Annual Meeting 2004 (AIC 2004)*. Portland, OR, June 13-14, 2004. Available at: <http://aic.stanford.edu/sg/emg/library/pdf/mcdonough/McDonough-EMG2004.pdf>
- * McDonough, Jerome. "Structural Metadata and the Social Limitation of Interoperability: A Sociotechnical View of XML and Digital Library Standards Development." *Balisage: The Markup Conference 2008*. Montreal, Canada, Aug. 12-15, 2008. In *Proceedings of Balisage: The Markup Conference 2008*. Balisage Series on Markup Technologies, vol. 1 (2008). DOI: 10.4242/BalisageVol1.McDonough01. Available at: <http://www.balisage.net/Proceedings/vol1/html/McDonough01/BalisageVol1-McDonough01.html>
- * McDonough, Jerome. "Aligning METS with the OAI-ORE Data Model." *Proceedings of the 9th ACM/IEEE-CS Joint Conference on Digital Libraries 2009: Designing Tomorrow, Preserving the Past – Today*. Austin, TX, June 15-19, 2009: 323-330.
- * Ruan, Jianhai and Jerome McDonough. "Preserving Born-digital Cultural Heritage in Virtual World." *Second IEEE International Symposium on IT in Medicine & Education (ITME2009)*. Jinan, P.R. China, Aug. 14-16, 2009: 745-748.
- * Winget, Megan, Caroline Frick, Jerome McDonough, Allen Renear & Henry Lowood. "Digital Curation of Humanistic, Multimedia Materials: Lessons Learned and Future Directions." *Proceedings of DigCCurr 2009: Digital Curation – Practice, Promise & Prospects*. Chapel Hill, NC, April 1-3, 2009: 42-43.
- * Kirschenbaum, Matthew, Doug Reside, Neil Fraistat, Jerome McDonough & Dennis Jerz. "Twisty Little Passages No So Much Alike: Applying the FRBR Model to A Classic Computer Game." *Proceedings of the Digital Humanities 2009 Conference*. College Park, MD, June 22-25, 2009: 22-24.
- * Lowood, Henry & Jerome McDonough. "The Open Archival Information System Reference Model vs. the BFG 9000: Issues of Context and Representation in Game Software Preservation." *Proceedings of the Digital Humanities 2009 Conference*. College Park, MD, June 22-25, 2009: 24-26.

- * McDonough, Jerome. “Knee-Deep in the Data: Practical Problems in Applying the OAIS Reference Model to the Preservation of Computer Games.” *Proceedings of the 45th Hawaii International Conference On System Sciences (HICSS)*, Maui, Hawaii, January 4-7, 2012.
- * Sacchi, Simone & Jerome McDonough. “Significant Properties of Complex Digital Artifacts: Open Issues from a Videogame Case Study.” *Proceedings of the 2012 iConference*, New York, NY: ACM/. doi:10.1145/2132176.2132293
- + McDonough, Jerome. “Start Making Sense: Quality, Context & Meaning.” In Gary Marchionini, Christopher A. Lee, Heather Bowden and Michael Lesk (Eds.) *Curating for Quality: Ensuring Data Quality to Enable New Science. Final Report: Invitational Workshop Sponsored by the National Science Foundation, Sept. 10-11, 2012, Arlington, VA*. NSF Grant III #1247471.
- * Decker, A., Egert, C., Phelps, A., and McDonough, J., “Technical Properties of Play: A Technical Analysis of Significant Properties for Video Game Preservation”, in *Proceedings from the 4th International IEEE Consumer Electronics Society Games Innovation Conference (IGIC 2012)*, Rochester, NY, pp. 56-59, September, 2012.
- * McDonough, Jerome. “Some Assembly Required: Reflections on XML Semantics, Digital Preservation and the Construction of Knowledge.” *Balisage: The Markup Conference 2013, Aug. 6-9, 2013, Montréal, Canada*. In *Proceedings of Balisage: The Markup Conference 2013*. Balisage Series on Markup Technologies, vol. 10 (2013). doi:10.4242/BalisageVol10.McDonough01. Available at: <http://www.balisage.net/Proceedings/vol10/print/McDonough01/BalisageVol10-McDonough01.html>
- * McDonough, Jerome. “Failure to Connect: Institutional Impediments to the Preservation of Virtual Worlds.” *Digital Memories: 5th Global Conference, 24th Sept. – 26th Sept., 2014, Mansfield College, Oxford, United Kingdom*. Available at: <http://www.inter-disciplinary.net/critical-issues/wp-content/uploads/2014/08/jeromedmpaper.pdf>
- * McDonough, Jerome. “A Critical eye in the Mirror: Building a North American Research Agenda on the Preservation of Intangible Heritage within Library & Information Science.” *Proceedings of the Association of Critical Heritage Studies 2016, June 3-8, 2016, Montreal, Canada*.
- * McDonough, Jerome, Lori Kendall & Maria Bonn. “Preserving Intangible Heritage: Defining a Research Agenda.” *Proceedings of the 79th ASIS&T Annual Meeting: Creating Knowledge, Enhancing Lives through Information & Technology, Copenhagen, Denmark, Oct. 14-18, 2016*. Available at: <http://dl.acm.org/citation.cfm?id=3017456&CFID=759897691&CFTOKEN=95775405>

Bonn, Maria, Lori Kendall & Jerome McDonough (July 2017). *Libraries and Archives and the Preservation of Intangible Cultural Heritage: Defining a Research Agenda*. A white paper supported by the Andrew W. Mellon Foundation. Available at: <http://hdl.handle.net/2142/97228>

OTHER

Publications:

Preston, Cecilia M., Judith R. Ahronheim, Richard Baumgarten, Laurence S. Creider, Mary Engle, Jerome P. McDonough and Regina R. Reynolds. *Standardized Handling of Digital Resources: An Annotated Bibliography*. Chicago, IL: American Library Association (1997). Available at: http://www.ala.org/cfapps/archive.cfm?path=alcts/publications/web/ts/net-res/bib_main.html

Reports:

McDonough, Jerome. "The HistoryMakers: Technical Meeting Report." A report to The HistoryMakers and the Andrew W. Mellon Foundation regarding outcomes of planning grant 11500127.

Conference Presentations:

McDonough, Jerome. "Applying Markup to Bibliographic Data." *LITA MARC Formats Interest Group, American Library Association Mid-Winter Meeting*, San Antonio, TX, January 19-25, 1996.

McDonough, Jerome. "The Making of America II: Towards a Standardized Architecture for the Digitization of Primary Sources." *Association for Computers and the Humanities - Association for Literary and Linguistic Computing '99 International Humanities Computing Conference*, Charlottesville, VA, June 9-13, 1999.

McDonough, Jerome. "The Data Documentation Initiative: Data Archives without Walls." Part of the session "Metadata Standards: Moving Toward Interoperability" conducted at the *Inter-University Consortium for Political & Social Research (ICPSR) Biennial Meeting of Official Representatives*, Ann Arbor, MI, October 14-17, 1999.

McDonough, Jerome. "Metadata Encoding and Transmission Scheme (METS)." *Digital Library Federation Forum*, Pittsburgh, PA, November 16-18, 2001.

McDonough, Jerome. "METS: Metadata Encoding for Digital Library Objects." *Coalition for Networked Information Task Force Meeting*, San Antonio, TX, November 29-30, 2001.

- McDonough, Jerome. "METS: A Status Report." *Coalition for Networked Information Task Force Meeting*, Washington, DC, April 28-29, 2003.
- McDonough, Jerome. "Metadata Standards: what's new & how will they impact your work." *Special Libraries Association Annual Conference*, New York, NY, June 7-12, 2003.
- McDonough, Jerome. "Introduction to METS and Building METS by Hand." *METS Opening Day*, Library of Congress, Washington, DC, Oct. 27-28, 2003.
- McDonough, Jerome. "Preservation-Worthy Digital Video; or, How to Drive your Library into Chapter 11." *Digital Library Federation Forum*, Albuquerque, NM, Nov. 17-19, 2003.
- McDonough, Jerome. "Preservation-Worthy Digital Video; or, How to Drive your Library into Chapter 11." *American Institute for Conservation of Historic and Artistic Works Annual Meeting 2004 (AIC 2004)*, Portland, OR, June 9-14, 2004.
- McDonough, Jerome. "Introduction to METS." *Joint Information Systems Committee (JISC)/Coalition for Networked Information Meeting*, Brighton, UK, July 8-9, 2004.
- McDonough, Jerome. "Introduction to METS and Building METS by Hand." *METS Opening Day*, the British Library, London, UK, July 12, 2004.
- McDonough, Jerome. "Introduction to METS and Building METS by Hand." *METS Opening Day*, Edmonton, Alberta, Canada, October 15, 2005.
- McDonough, Jerome. "Introduction to METS." *Access 2005*, Edmonton, Alberta, Canada, October 17, 2005.
- McDonough, Jerome. "Breaking Free from the Silo: The Digital Library & METS." *Association of Moving Image Archivists Annual Conference*, Austin, Texas, November 30 – December 3, 2005.
- McDonough, Jerome. "What is the Core of Digital Library Education?" *ACM IEEE Joint Conference on Digital Librarians (JCDL 2007)*. Vancouver, British Columbia, Canada. June 18-23, 2007.
- McDonough, Jerome. "When Software Becomes Data: Managing the Curation of Scientific Software." *3rd International Digital Curation Conference -- "Curating our Digital Scientific Heritage: a Global Collaborative Challenge"*. Washington, DC, Dec. 11-13, 2007.
- McDonough, Jerome. "Software Preservation and the OAIS Reference Model." *NDIIPP Digital Preservation Partners Meeting: Connecting Collections*. Washington, DC, June 24-26, 2009.

- McDonough, Jerome. "Send Lawyers, Guns & Money: Legal and Technical Considerations in the Preservation of Computer Games." *Sustainable Archives: Austin 2009, Joint Annual Meeting of the Society of American Archivists and the Council of State Archivists*, Austin, TX, Aug. 11-16, 2009.
- McDonough, Jerome. "Mission to Earth: Resource Description Framework and the Semantic Web." *Balisage 2011*, Montreal, Canada, Aug. 2-5, 2011.
- McDonough, Jerome. "A Tangled Web: Problems in Game Preservation." *Coalition for Networked Information Membership Meeting*, Washington, DC, Dec. 12-13, 2011.
- Sacchi, Simone & Jerome McDonough. "On the applicability of the InSPECT framework to complex digital artifacts." *iConference 2012: Culture, Design, Society*, Toronto, Canada, Feb. 7-10, 2012.
- McDonough, Jerome. "Deep Personal Significance: Computing Gaming & the Notion of Significant Properties." *Personal Digital Archiving 2012*, Internet Archive, San Francisco, CA, Feb. 23-24, 2012.
- McDonough, Jerome. "Preserving Virtual Worlds Curation Tool." *CurateGear 2013: Enabling the Curation of Digital Collections*, Jan. 9, 2013, Chapel Hill, NC.
- Evans, Craig & Jerome McDonough. "Sustainable Software." *GSLIS Research Showcase, 2013*, Champaign, IL.
- McDonough, Jerome. "Falling Through the Cracks: Digital Preservation and Institutional Failures." *Coalition for Networked Information Fall 2014 Membership Meeting*, Dec. 8-9, 2014, Washington, DC. Available at: <http://vimeo.com/channels/cni/122008631>
- McDonough, Jerome & Stephen Downie. "Selecting and Applying Standards for Building Data Collections." *DCWS Data Curation Workshop*, Feb. 26, 2015, Hong Kong.
- McDonough, Jerome. "Preserving Intangible Cultural Heritage: A Research and Policy Agenda." *Coalition for Networked Information Spring 2016 Membership Meeting*, April 4-5, 2016, San Antonio, TX.
- McDonough, Jerome. "A Critical eye in the Mirror: Building a North American Research Agenda on the Preservation of Intangible Heritage within Library & Information Science." *Association of Critical Heritage Studies 2016*, June 3-8, 2016, Montreal, Canada.
- McDonough, Jerome, Lori Kendall, Maria Bonn & Perla Innocenti. "Preserving Intangible Heritage: Defining a Research Agenda." A panel discussion at the *79th ASIS&T Annual Meeting: Creating Knowledge, Enhancing Lives through Information & Technology*, Copenhagen, Denmark, Oct. 14-18, 2016.

**McDonough, Jerome. "Tangible/Intangible: Critical Heritage Studies & Libraries.
ACHS-US: Connecting to Heritage Studies, Jonesboro, AR, June 15-18, 2017.**

III. RESIDENT INSTRUCTION

Supervision of Graduate Students

Current

Jimi Jones (Ph.D.)
 Dianah Kacunguzi (Ph.D.)
 Chang Liu (Ph.D., Informatics)
 Anna Oates (MS Thesis)

Graduated

Melissa Cragin (Ph.D.), "Roles and functions of scientific data collections: A case study in Neuroscience" [Member] Now a Research Assistant Professor at the University of Illinois at Urbana-Champaign.

Colin Koteles (C.A.S., 2007), " OAI/PMH Metadata Conformance To DLF/Aquifer MODS Guidelines." [Member]. Now an Associate Professor at the College of DuPage.

Ryan Edwards (C.A.S., 2009), "Extensive Web Accessibility Study of Salinas Public Library's Koha 3 ZOOM ILS." [Chair]. Now the Systems Library for California State University Channel Islands.

Elizabeth Breakstone (C.A.S., 2010), "How much of your print collection is really online? An analysis of the overlap of print and digital holdings at the University of Oregon Law Library." [Chair]. Now an Assistant Professor at the University of Oregon, Eugene.

Jacob Jett (C.A.S., 2010), "Supplementing OAI-PMH in the IMLS Digital Collections and Content Aggregation." [Member]. Currently employed at Grainger Engineering Library.

Leighton Christensen (M.S., 2012), "The Pres/urrection of Deena Larsen's Marble Springs 2: A Comparison of Preservation Approaches." [Chair]

Debra Dejonker-Berry (C.A.S., 2012), "Digital Libraries in Small Communities: Developing a Sustainable Model for Massachusetts." [Chair]

Simone Sacchi (Ph.D., 2015), "What do we mean by 'preserving digital information'? Towards sound conceptual foundations for digital stewardship." [Member]

Matthew Short (C.A.S., 2015), "The Dime Novel Ontology Project: Modeling Late 19th Century Popular Fiction." [Member]

Rhiannon Bettivia (Ph.D., 2016), "Encoding Power: The Scripting Of Archival Structures In Digital Spaces Using The Open Archival Information System (OAIS) Reference Model." [Chair]

Mary Pietrowicz (Ph.D., Computer Science, 2017), "Exposing the Hidden Vocal Channel: Analysis of Vocal Expression." [Member]

Other Contributions to Instructional Programs

Certificate of Advanced Study Degree Program / Digital Libraries Graduate Concentration,
 Coordinator (2005 – Present)
 GSLIS Summer Institute on Data Curation, Instructor (2008)

IV. SERVICE

Summary of Service

University/Campus Service

2005 – 2008, Member, GSLIS IT Advisory Committee
 2006 – 2007, Member, GSLIS Admissions Committee (M.S./C.A.S.)
 2007 – 2008, Member, GSLIS Lecture Committee
 2009 – 2010, 2011-2012, 2015-2016, Member, GSLIS Curriculum Committee
 2010 – 2011, Chair, GSLIS Awards Committee
 2010 – 2011, Member, GSLIS Admissions Committee (M.S./C.A.S.)
 2011 – 2013, Member, Academic Senate
 2011 – 2015, Member, Subcommittee Chair (2014-2015), Academic Senate Committee on
 Educational Policy
 2012 – 2013, 2014-2015, Member, 2016-2017, **2017-2018 Vice Chair**, iSchool Executive
 Committee
 2012 – 2013, GSLIS Research Showcase Committee
 2015, Reviewer for the UIUC Office of the Vice Chancellor for Research’s Campus Research
 Board
 2015-2016, Member, iSchool Curriculum Committee
 2015 – 2016, Member, UIUC Campus Task Force on Campus Approval Processes for
 Educational Programs
 2016 – 2017, Library School Alumni Association Awards Committee

Public Engagement

2005 – 2008, Advisory Board Member for Indiana University’s IMLS Grant “Variations3: An
 Integrated Digital Library and Learning System for the Music Community.”
 2006, Reviewer for the Public Broadcasting Corp.’s Public Broadcasting Metadata Dictionary
 Project (PBCore).
 2006 – 2009, Advisory Board Member for the University of North Carolina / Virginia Tech’s
 NSF Grant “Digital Libraries Curriculum Development.”
 2007 – Present, Member of the Editorial Board for the Journal of Library Metadata, Haworth
 Press.
 2008 – 2010, Advisory Board Member for the University of Texas at Austin’s IMLS Grant
 “Video Games and the Cultural Record: Studying the Creation Processes and Artifacts of
 the Video Game Industry for the Purpose of Preservation and Collection.”
 2009, Reviewer for the “DigCCurr 2009: Digital Curation Practice, Promise & Prospects”
 symposium, conducted as part of the University of North Carolina / National Archives &

- Records Administration's IMLS Grant "Preserving Access to Our Digital Future: Building an International Digital Curation Curriculum (DigCCurr)."
- 2011, Participant in "The Future of the Past: Shaping New Visions for EU-research in Digital Preservation," a workshop organized by the European Commission, Luxembourg, Jean-Monnet Conference Centre, May 4-5, 2011
- 2011, Participant in "At the Nexus of Analog and Digital: A Symposium for Preservation Educators," School of Information, University of Michigan, Ann Arbor, MI, June 5-7, 2011.
- 2011, Participant in "Videogame Preservation Forum," Museum of the Moving Image, New York, NY, Oct. 1-2, 2011.
- 2012, Advisory Board for the Museum of Modern Art's Digital Repository for Museum Collections project, New York, NY, March 19, 2012.
- 2012 – 2013, Board of Advisors, Digital POWRR project, Northern Illinois University, funded by IMLS National Leadership Grant.
- 2012 – 2013, Development Advisory Group, BitCurator: Tools for Digital Forensics Methods & Workflows in Real-World Collecting Institutions, UNC Chapel Hill and Maryland Inst. for Technology in the Humanities, Funded by the Andrew Mellon Foundation.
- 2012 – 2016, Member of the editorial board for Publications, MDPI

Served as reviewer for the following journals and publishers:

- Communications of the ACM (2016)
- Information & Culture: A Journal of History (2015)
- Information Processing & Management (2007, 2009, 2012)
- International Journal on Digital Libraries (2011)
- Journal of the American Society for Information Science & Technology (2010-2012, 2014-2016)
- Journal of Digital Information (2005)
- Journal for Education in Library & Information Science (2009)
- Journal of Library Metadata (2013)
- Library Trends (2008)
- MIT Press | New Media, Game Studies & Design (2010)

Served as reviewer for the following grant agencies:

- Institute of Museum & Library Services (National Leadership Grants) (2006, 2007)
- Institute of Museum & Library Services, Laura Bush 21st Century Librarian, 2016.
- National Endowment for the Humanities (Preservation & Access Research & Development Grants) (2006)
- Social Sciences & Humanities Research Council of Canada (2007)

Served in varying capacities for the following disciplinary & professional societies or associations:

- Digital Library Federation Developers' Forum, Co-Chair (2002 – 2003)

- Metadata Encoding & Transmission Standard Editorial Board, Chair (2002 – 2005); Ex Officio Member (2005 – Present)
- Digital Library Federation Program Committee, Member (2003 – 2004)
- National Information Standards Organization (NISO) Standards Development Committee, Member (2004 – 2006)
- Open Digital Rights Language (ODRL) International Advisory Board, Member (2004 – Present)
- IEEE/ACM Joint Conference on Digital Libraries Program Committee, Member (2008 – Present), Conference Planning Committee (2011-2012)

Other outreach activities include participating in media interviews to help raise awareness of issues surrounding digital preservation and metadata:

"Ahead of the Curve", ABC News / History Goes Digital, Sept. 7, 2007
<http://abcnews.go.com/Technology/video?id=3574299>

Kotaku / The Library of Congress Loves Video Games, Oct. 22, 2007
<http://kotaku.com/313328/the-library-of-congress-loves-video-games>

Kotaku / Could Preserving Second Life Create Big Brother?, Oct. 23, 2007
<http://kotaku.com/gaming/virtual-worlds/could-preserving-second-life-create-big-brother-313986.php>

Physorg.com / 'Digital Dark Age' may Doom Some Data, Oct. 27, 2008
<http://www.physorg.com/news144343006.html>

Kotaku / On the LOC Preserving Virtual Worlds Project, Nov. 22, 2008
<http://kotaku.com/5096782/on-the-loc-preserving-virtual-worlds-project>

The Atlantic Magazine / "Pac Rat," March 2010
<http://www.theatlantic.com/magazine/archive/2010/03/pac-rat/7911/>

The Voice of America / Our World, March 13, 2010
<http://www.voanews.com/english/news/science-technology/Our-World--13-March-2010-87482377.html>

The Kojonnamdi Show, WAMU 88.5 FM, Washington DC / Preserving Video Games & Virtual Worlds, March 30, 2010
<http://thekojonnamdishow.org/shows/2010-03-30/preserving-video-games-and-virtual-worlds>

The Bigger Picture: Visual Archives and the Smithsonian / Holding on to Virtual Worlds, June 23, 2010
http://blog.photography.si.edu/2010/06/23/holding-on-to-virtual-worlds/?utm_source=rss&utm_medium=rss&utm_campaign=rss

Sidetrack, WILL 580 AM, Urbana, IL / Preserving Virtual Worlds, July 2010

<http://will.illinois.edu/sidetrack/program/sidetrackjul10/>

Ars Technica / Saving "Virtual Worlds" From Extinction, July, 2010

<http://arstechnica.com/gaming/news/2010/06/the-art-of-archiving-virtual-worlds.ars>

USA Today / Video Game Hall of Fame Inducting Pac-Man and Pals, Aug. 4, 2010

http://www.usatoday.com/tech/gaming/2010-08-05-gamearchive05_ST_N.htm

This Way Up, Radio New Zealand National / Preserving Virtual Worlds, Aug. 7, 2010

http://static.radionz.net.nz/assets/audio_item/0006/2369859/twu-20100807-1335-Preserving_Virtual_Worlds-m048.asx

Spark with Nora Young, Canadian Broadcasting Corporation, May 1, 2013,

http://podcast.cbc.ca/mp3/podcasts/spark_20130505_60010.mp3

San Jose Mercury News / "Hidden Devices Scrutinize Employees," Dec. 13, 2014,

http://www.mercurynews.com/business/ci_27132016/hidden-devices-scrutinize-employees