
CURRICULUM VITAE

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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

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.

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 – Present.

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 OASIS 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>

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

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 Libraries (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.