

# Richard J. Urban, Ph.D.

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## Education

Ph.D., Library and Information Science, University of Illinois at Urbana-Champaign, May 2012

*Dissertation Title:* [Principle Paradigms: Revisiting the Dublin Core 1:1 Principle](#)

*Committee:* Dr. Michael B. Twidale, Chair; Dr. Allen H. Renear, Director of Research;  
Dr. Carole L. Palmer; Dr. Jonathan Furner

MS Library and Information Science, University of Illinois at Urbana-Champaign, May 2006

MA History with Certificate in Museum Studies, University of Delaware, May 1997

BA History with Honors, Pennsylvania State University, May 1993

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## Professional Experience

*Senior Program Officer, OCLC Research Library Partnership, 2022-present*

- Responsible for the facilitation and management of the Metadata Managers Focus Group, a global community of metadata leaders.
- Identify and research trends that impact OCLC's key lines of business.
- Produce internal issue briefs on critical topics that synthesize important findings.
- Contribute to subject matter expertise on data science and next-generation metadata to OCLC Research activities.

*Digital Asset Manager & Strategist, Corning Museum of Glass, 2016 – 2022*

- Manages Piction digital asset management system.
- Extracts, transforms, and loads metadata from museum collection management system and Rakow library catalog associated with assets.
- Develops long-range strategy for online collections platforms.
- Coordinates integration of Rakow Library systems.

*Graduate Research Assistant. IMLS Digital Collections and Content Project: Collection/Item Metadata Relationships Group, 2007 – 2009*

- Analyzed and evaluated metadata best practices for large-scale digital aggregations from library, archive, and museum collections.
- Designed and developed the IMLS DCC Collections Dashboard.
- Conducted user experience research to validate designs.
- Initiated development of IMLS DCC social media platforms.
- Assisted with grant writing and performance reporting.

*Project Coordinator, Metadata for You & Me: A Training Program for Shareable Metadata, University of Illinois Library, 2006 – 2009*

- Managed day-to-day logistics for professional development workshops.
- Implemented training resources for online delivery.
- Effectively recruited workshop participants.
- Developed and maintained project websites.

*Graduate Assistant, Illinois Digitization Institute, University of Illinois Library, 2005 – 2006*

- Supports principal-investigators and trainers.
- Coordinates training opportunities for Illinois librarians.
- Develops and maintains training materials.

*Graduate Research Asst., ECHO Depository, University of Illinois at Urbana-Champaign, 2005 – 2006*

- Analyzed and evaluated digital repository and preservation systems as part of National Digital Information Infrastructure and Preservation Program (NDIIP).
- Developed XML-based profiles for partner repository packages.

*Operations Coordinator, Collaborative Digitization Program, Denver, CO, 2002 – 2005*

- Responsible for the day-to-day operations of the CDP. Effectively managed complex grant implementation timelines across multiple institutional partners.
- Contributed to the successful acquisition and performance management of federal, state, and local agency grants.
- Responsible for metadata ingestion and transformation workflows
- Worked with developers to plan, test, and maintain CDP technical infrastructure.
- Managed preservation-quality copies of digital assets created by CDP partners.
- Collaborated with library, archive, and museum professionals to maintain CDP best practices for digital project management, digital imaging, audio digitization, and metadata creation.
- Developed and delivered professional training related to CDP activities and projects. Responsible for the development and content management of the CDP websites.

*Web Site Coordinator, Historical Society of Pennsylvania, Philadelphia, PA, 2000 – 2002*

- Facilitated the development of strategic information technology plans. Promoted strategic plan to board members, staff, and external stakeholders.
- Provided day-to-day network and desktop application support.
- Administered network and application-based user privileges.
- Coordinated technology purchases and outsourced technology support.
- Assisted in the curation of online exhibitions.
- Provided consultation and user support for EAD conversion project.

*Assistant Curator, Historical Society of Delaware, Wilmington, D, 1997 – 2000*

- Conducted research for Distinctively Delaware permanent exhibition.
- Coordinated general contractors, exhibit design, and fabrication vendors.
- Designed and implemented a web-based exhibit intranet.
- Selected and implemented multi-media touchscreen kiosk hardware and software.
- Collaborated with external vendors to develop interactive games.

## Academic Experience

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*Adjunct Professor, School of Information Sciences, University of Illinois at Urbana-Champaign (2018-2020)*

*Assistant Professor, School of Information, Florida State University (2011-2016)*

*Adjunct Professor, University of Denver, College of Education, Library and Information Science Program (2005)*

## Teaching

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*University of Illinois at Urbana-Champaign, School of Information Sciences (2018-2020)*

Adjunct Professor – IS 426 Museum Informatics (2019, 2020)

IS 521 Digital Libraries (2018)

*Florida State University, School of Information (2012 – 2016)*

Assistant Professor – LIS4351 User Experience Design (2015)

LIS5275 Usability Analysis (2014, 2015)

LIS5405 Leadership in IT (2014)

LIS5472 Digital Libraries (2013)

LIS5590 Museum Informatics (2012-2016)

LIS5703 Information Organization (2012, 2014, 2016)

LIS5786 Information Architecture (2013-2016)

*University of Illinois at Urbana-Champaign, Graduate School of Library and Information Science (2008-2011)*

Instructor – LIS310 Computing in the Humanities

LIS490MUL Museum Informatics

Graduate Teaching Assistant – LIS 502LE Libraries, Information, and Society

*University of Denver, College of Education, Library and Information Science Program (2005)*

Adjunct Faculty – LIS 4700 Special Topics: Collaborative Digitization.

*Collaborative Digitization Program Workshops, 2002-2006*

Instructor – Introduction to Digitization; Project Management; Digital Imaging; Digital Audio; Dublin Core Metadata; Quality Control for Digital Imaging

*University of Delaware, Department of History, 1995-1996*

Graduate Teaching Assistant – United States History to 1860; Western Civilization 1648 to Present; United States Since 1945

## Publications

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### Conference Proceedings

Urban, R. J. (2016). Collections Cubed: Into the Third Dimension. In *MW2016: Museums and the Web 2016*.

<http://mw2016.museumsandtheweb.com/paper/collections-cubed-into-the-third-dimension/>

Lee, D. J., Witt, M., Urban, R.J., & Plale, B. (2014). *A Metadata Application Profile for ORCID*. Presented at the 4th Plenary meeting of the Research Data Alliance, September 22-25, 2014, Amsterdam, Netherlands. <https://oaktrust.library.tamu.edu/handle/1969.1/156789>

Urban, R.J. (2014) The Dublin Core 1:1 Principle in the age of Linked Data. *Proceedings of the International Conference on Dublin Core and Metadata Applications*, Austin, TX, October 8 – 11, 2014. <https://dcpapers.dublincore.org/pubs/article/view/3707/0>

Renear, A.H., Urban, R.J. & Wickett, K.M. (2011). Meditations on the logical form of a metadata record. In *Proceedings of Balisage: The Markup Conference 2011*. Balisage Series on Markup Technologies, vol. 7.

Wickett, K.M., Renear, A.H., & Urban, R.J. (2010). Rule Categories for Collection/Item Metadata Relationships. *Proceedings of the 73<sup>rd</sup> ASIS&T Annual Meeting*. <https://www.ideals.illinois.edu/handle/2142/25412>

Urban, R.J, Adamczyk, P., & Twidale, M.B. (2010). Designing and Developing a Collections Dashboard. In J. Trant and D. Bearman (eds). *Museums and the Web 2010: Proceedings*. Toronto: CA Archives & Museum Informatics. [https://www.museumsandtheweb.com/biblio/design\\_and\\_development\\_of\\_a\\_collections\\_dashboard.html](https://www.museumsandtheweb.com/biblio/design_and_development_of_a_collections_dashboard.html)

Wickett, K.M., Urban, R.J., Zheng, W., & Renear, A.H. (2009). A testbed approach for metadata inference rule development. Workshop On Integrating Digital Library Content with Computational Tools and Services. ACM/IEEE Joint Conference on Digital Libraries (JCDL 2009), June 2009, Austin, TX. <https://www.ideals.illinois.edu/handle/2142/16604>

- Renear, A.H., Wickett, K.M., Urban, R.J., Dubin, D., & Shreeves, S.L. (2008). Collection/Item Metadata Relationships. In *Proceedings of the International Conference on Dublin Core and Metadata Applications*, Berlin, Germany, September 22-26, 2008.  
<https://www.ideals.illinois.edu/handle/2142/9144>
- Renear, A.H., Wickett, K.M., Urban, R.J., & Dubin, D. (2008). The Return of the Trivial: Problems Formalizing Collection-Level/Item-Level Metadata Relationships. In *Proceedings of the ACM/IEEE Joint Conference on Digital Libraries, JCDL 2008*, Pittsburgh, PA, USA, June 16-20, 2008.  
<https://www.ideals.illinois.edu/handle/2142/9143>
- Urban, R., Marty, P. & Twidale, M. (2007). A Second Life for Your Museum: 3D Multi-User Virtual Environments and Museums. In J. Trant and D. Bearman (eds.). *Proceedings of the Museums and the Web*: Toronto, CA: Archives & Museum Informatics  
<https://www.ideals.illinois.edu/handle/2142/1619>

## Refereed Journal Articles

- Urban, R. J. (2014). Library influence in museum information work. *Library Trends*, 62(3), 596–612.  
<https://www.ideals.illinois.edu/handle/2142/89732>
- Bailey-Hainer, B. & Urban, R. (2004). The Colorado Digitization Program: a collaboration success story. *Library Hi Tech*, 22, 254-262.

## Invited Articles

- Misunas, M. & Urban, R. (2010). The Museum Computer Network. In Bates, M.J. & Maack, M.N. (Eds.) *Encyclopedia of Library and Information Science*. 3rd Edition. New York: Taylor & Francis, Inc.
- Urban, R. (2007). Second Life, Serious Leisure and LIS. *Bulletin of the American Society for Information Science & Technology*. <http://www.asist.org/Bulletin/Aug-07/urban.html>

## Books

- Urban, R. J. (2001). *Reflections of Dravo: The Dravo Oral History Project*. Wilmington, DE: Historical Society of Delaware.
- Urban, R. (1999). *The City That Launched a Thousand Ships: Shipbuilding in Wilmington 1644-1997*. Wilmington, DE: Cedar Tree Books.

## Book Reviews

- Callery, B.G. (2006). Collaborative Access to Virtual Museum Collection Information: Seeing Through the Walls. Binghamton, NY : Haworth Information Press. In *Museum, Arts and Humanities Division Bulletin*, 36(3).
- Levy, D. M. (2001). *Scrolling Forward: Making Sense of Digital Documents in the Digital Age*. New York: Arcade. In *Pennsylvania Magazine of History and Biography*, 127(1), 123-24.

## Presentations

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### Conference Panels

- Urban, R. J., Coleman, L.-E., & Marty, P. F. (2014). Libraries, archives, and museums: Connecting educational communities and cultures. *Proceedings of the American Society for Information Science and Technology*, 51(1), 1–3.
- Garcia, M. M., Messner, K., Urban, R. J., Tripodis, S., Hancock, M. E., & Colegrove, T. (2014). 3D Technologies: New tools for information scientists to engage, educate and empower communities. *Proceedings of the American Society for Information Science and Technology*, 51(1), 1–5.

- Urban, R. J., Coleman, L.-E., & Marty, P. F. (2014). Libraries, archives, and museums: Connecting educational communities and cultures. *Proceedings of the American Society for Information Science and Technology*, 51(1), 1–3.

## Conference Presentations

- Urban, R.J. (2016). Collections cubed: Into the third dimension. Presented at MW2016: Museums and the Web 2016.
- Urban, R.J., Adamczyk, P., & Twidale, M.B. (2010). Cultural Heritage Information Dashboards. iConference 2010, Champaign, IL.
- Urban, R. (2007). Museum Metaverses. *Museum Computer Network Annual Meeting*, Chicago, IL. November 7-10, 2007.
- Urban, R., Marty, P., & Twidale, M. (2007). A Second Life for Your Museum: The 3D Multi-User Environments and Museums. *Museums & the Web 2007*, San Francisco, CA. April 12, 2007.
- Urban, R. (2007). From Fair Use to Fair Trading: Creating a Digital Image Matchmaking Commons. *Visual Resources Association Annual Conference*. Kansas City, MO. March 28, 2007.
- Urban, R. (2007). What is a Work? *Visual Resources Association Annual Meeting*. Kansas City, MO. March 29, 2007.

## Workshops

- Urban, R.J. (2013). Publishing and Using Linked Data. Digital Humanities Winter Institute, Maryland Institute for Technology and the Humanities. <http://lod4h.pbworks.com/>
- Adamczyk, P. Urban, R.J., & Twidale, M.B. (2010). Building and Evaluating Collections Dashboards. *Museums and the Web 2010*, Denver, CO.
- Urban, R. (2007). Second Life Museums. Learning and Research in Second Life Workshop, *Internet Research 2008*, Vancouver, BC.
- Urban, R. (2007). Virtual Worlds for the Humanities, Arts and Social Sciences. High Performance Computing in the Humanities, Arts and Social Sciences: Supercomputing Education 2007 Summer Workshop, July 29-August 4 2007. San Diego, CA.
- Urban, R. (2006). Folio Metaphysics. Workshop Exploring the Limits of Global Models for Integration and Use of Historical and Scientific Information. *ICS-FORTH*, Heraklion, Crete, Greece, October 23-24, 2006

## Poster Sessions

- Coleman, L.-E., Urban, R. J., Marty, P. F., & Braun, K. (2014). LAM at Universities: Convergence in Graduate Education. *Proceedings of the American Society for Information Science and Technology*, 51(1), 1–4. <http://doi.org/10.1002/meet.2014.14505101118>
- Urban, R. J. (2013). Representation patterns for cultural heritage resources. *Proceedings of the American Society for Information Science and Technology*, 50(1), 1–4. doi:10.1002/meet.14505001123
- Wickett, K.M., Urban, R.J. & Renear, A.H. (2012). Towards a Logical Form for Descriptive Metadata. iConference 2012, Toronto, Canada, February 7-10, 2012.
- Urban, R.J. (2010). Principle Violations: Revisiting the Dublin Core 1:1 Principle. *Proceedings of the 73<sup>rd</sup> Annual ASIS&T Meeting*.
- Urban, R.J., & Twidale, M.B. (2010). Patchwork Prototyping a Collections Dashboard. Presented at ALISE 2010, Boston, MA January 12-15, 2010 Available at: <http://hdl.handle.net/2142/15069>

- Urban, R. (2009). Modeling CDWA Lite as and OWL-DL Ontology. iConference 2009, Chapel Hill, N.C., February 8-11, 2009.
- Urban, R. (2009). Blended Methods for Ontology Development. Association for Library and Information Science Education(ALISE), Denver, CO, January 20-23, 2009.
- Renear, A.H., Wickett, K. M., Urban, R. J. & Dubin, D. (2008). The Return of the Trivial: Problems Formalizing Collection/Item Metadata Relationships. In *JCDL 2008: Proceedings of the 8th ACM/IEEE-CS Joint Conference on Digital Libraries*. ACM Press.
- Urban, R., Twidale, M., & Marty, P. (2007). Second Life Museums & Archeological Modeling. *Digital Humanities 2007*, Champaign, IL. June 2-5, 2007.
- Rani, S., Goodkin, J., Cobb, J., Habing, T., Urban, R, Eke, J., & Pearce-Moses, R. (2006). Technical Architecture Overview: Tools for Acquisition, Packaging and Ingest of Web Objects into Multiple Repositories. *JCDL 2006: Proceedings of the 6<sup>th</sup> ACM/IEEE Joint Conference on Digital Libraries*. (pp. 360), Chapel Hill, NC.: ACM Press.

## Service Activities

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### Professional Service

- Co-Convener, Collections Online Task Group (2020-present)
- Chair, CMOG Digital Communications and Collaboration Team (2019-present)
- Member, CMOG Diversity, Equity and Inclusion Ambassador (2018-present)
- Grant Review Panelist, National Endowment for the Humanities (2007, 2019, 2020, 2021)
- Grant Review Panelist, Institute of Museum and Library Services (2004, 2009, 2010, 2020)
- Member, Lexicon Task Force. AAM Collections Stewardship (2015-2018)
- Member, International Standardized Rights Statements – Technical Working Group (2014-2020)
- Consultant, Digital Public Library of America, DPLA Metadata Application Profile 3.0 (2013)
- NISO Standards Committee. *Z39.87 Technical Metadata for Still Images* (2004-2005)
- Museum Computer Network (Board Member 2004-2010)

### Academic Service

- Co-Convener, ALISE Doctoral SIG (2009)
- Advisory Board member, *ASIS&T Bulletin* (2007-2008)
- Student Representative, *ASIS&T Bulletin* (2006-2007)
- NISO Standards Committee. *Z39.87 Technical Metadata for Still Images* (2004-2005)
- Museum Computer Network (Board Member 2004-2010)

### University and Departmental Service

- School of Information, Florida State University
- FSU Heritage Advisory Committee (2016)
- Student Experience Committee (2015-2016)
- Doctoral Program Committee (2014-2015)
- Development, Outreach, and Recruitment Committee (2013-2014)

Merit Review Committee (2013-2014)

Museum Studies Advisory Committee (2012-2013)

Graduate School of Library and Information Science, University of Illinois at Urbana Champaign

Doctoral Student Representative, Faculty Committee (2009-2010)

Doctoral Studies Committee (2008-2009)

Curriculum Committee (2007-2008)

President, ASIS&T Student Chapter (2007-2008)

## **Grants and Research Funding**

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### **Funded Proposals**

Graban, T.S.; Urban, R.J. Linked Women Pedagogues Project: A Case Study for Interstitial Data Modeling for Humanities Representations. FSU Council on Research and Creativity, Multidisciplinary Support Program (MDS). (\$24,802)

Urban, R.J. (2012) Representation Patterns for Cultural Heritage Resources. FSU Council on Research and Creativity, First Year Assistant Professor Grant (FYAP). (\$20,000)

### **Honors and Awards**

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Beta Phi Mu (October 2010)

Graduate School of Library and Information Science, Jane B. and Robert B. Downs Professional Promise Award (May 2006)

Rare Books and Manuscripts Section (RBMS) Preconference Scholarship (April 2006)