

# Katherine Thornton

Yale University Library  
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## Current Position

*Digital Conservator*, Yale University Library

## Areas of Specialization

Linked Open Data • Digital Preservation • Cultural Heritage Metadata • Wikidata

## Education

- 2016 **PHD Information Science**, University of Washington  
*Dissertation Advisor*: Allyson Carlyle  
*Dissertation Title*: Powerful Structure:  
Inspecting Infrastructures of Information Organization in Wikimedia Foundation Projects
- 2011 **MS Information Science**, University of Washington
- 2008 **MA Asian Languages and Literature** (Chinese Linguistics), University of Washington
- 2002 **BA summa cum laude International Studies**, University of North Carolina at Chapel Hill

## Honors and Awards

- 2016-2018 CLIR Postdoctoral Fellowship
- 2006 Vietnamese Advanced Studies Institute Fellowship
- 2005-2006 Foreign Languages Area Studies Fellowship (Chinese)

## Publications

- 2017 **Thornton, Katherine**, and Cochrane, Euan, and Ledoux, Thomas, and Caron, Bertrand, and Wilson, Carl. "Modeling the Domain of Digital Preservation in Wikidata". Proceedings of iPres 2017
- 2014 Lee, Jin Ha, Karlova, Natascha, Clarke, Rachel, **Thornton, Katherine**, and Petri, Andrew. (2014). "[Facet analysis of video game genres](#)". Proceedings of the 2014 iConference

- 2012 **Thornton, Katherine.** (2012). "Contentious Categories: Designing the Category System in Wikipedia", Proceedings of the North American Symposium of Knowledge Organization, June 16-17, 2012, Toronto, Ontario, Canada
- 2012 Tennis, Joseph T., **Thornton, Katherine,** and Andrew Filer. (2012). "Some Temporal Aspects of Indexing and Classification: Toward a Metrics for Measuring Scheme Change". Proceedings of the 2012 iConference, Toronto
- 2012 **Thornton, Katherine,** McDonald, David. (2012). "Tagging Wikipedia: Collaboratively Creating a Category System". Proceedings of GROUP 2012
- 2010 Huang, Jeff, **Thornton, Katherine,** Efthimiadis, Efthimis (2010), "Conversational Tagging in Twitter", Proceedings of the 21st ACM Conference on Hypertext and Hypermedia, 2010, Toronto, Canada
- 2008 **Thornton, Katherine.** (2008). [Early Chinese Loans into Vietnamese](#) Thesis (M.A.)—University of Washington, Seattle, USA.

## Presentations

- 2017 "Wikidata for Digital Preservation: Technical Metadata for file formats, software, and configured environments" at [WikiCite 2017](#) May 23-25, 2017
- 2016 "[Wikidata: Examples of Linked Open Data in Yale Library Collections](#)" at Yale University Library Standing Committee on Professional Awareness, October 26.
- 2016 "Wikidata: Where the Crowd Edits Data" for the Yale Tech Summit, October 28.
- 2016 "Wikidata: A Knowledgebase of Structured Data" Code4Lib New England Meeting, December 5.

## Teaching Experience

- 2012-2013 *Instructor of Record* • University of Washington  
**Organization of Information and Resources**, 2 quarters, 45 graduate students per quarter
- 2011-2012 *Co-Director* • University of Washington  
**Dutch Designs Exploration Seminar**  
2 summer trips of 1 month duration, 30 students supervised per trip
- 2006-2014 *Teaching Assistant* • University of Washington  
**Information Behavior, Information Services and Resources, Management for Information Organization, Intellectual Foundations of Informatics, Archive and Manuscript Services, Applied Research Seminar (Category System of Wikipedia), Research Methods**

## Service

2012- on	Volunteer contributor to the <a href="#">Wikidata</a> project
2011-2012	President of the Information School Doctoral Student Association, UW Seattle
2011-2015	Graduate and Professional Student Library Advisory Committee, UW Seattle
2006-2010	Faculty Council on University Libraries, UW Seattle
2008-2009	Scholarly Communications Committee, UW Seattle

## Professional Development

2017	<a href="#">LODLAM 2017</a> June 28-29, 2017
2017	<a href="#">WikiCite 2017</a> May 23-25, 2017
2016	<a href="#">WikiCite 2016</a> May 25-26, 2016
2015	<a href="#">Open Collaboration Systems Workshop</a> at CSCW, March 14, 2015
2015	<a href="#">Protégé Short Course</a> at the Stanford Center for Biomedical Informatics Research March 25-27, 2015
2015	Women Who Rock Graduate Mentoring Workshop March 6, 2015
2015	<a href="#">Community Data Science Workshop</a> April 11, 25, and May 9, 2015
2015	AdaCamp Montreal April 13-14, 2015
2013	AdaCamp San Francisco, June 8-9, 2013

## IT and Programming Skills

- Query languages: (SPARQL)
- Validation Languages: (ShapeExpressions)
- Scientific computing: (Python)
- Scripting languages: (Python, shell script)
- Markup languages: (HTML, CSS, JSON)
- Digital typesetting: ( $\LaTeX$ )