

# Kai Li

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<http://kaili.us>

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## RESEARCH INTERESTS

Research Data Reuse, Metadata, Scholarly Communication, and Digital Humanities

## EDUCATION

- |           |                                                                                                                             |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|
| 2015-     | <i>PhD, Information Studies</i> ; College of Computing and Informatics, Drexel University, Philadelphia PA                  |
| 2012-2013 | <i>Master of Science, Library and Information Science</i> ; School of Information Studies, Syracuse University, Syracuse NY |
| 2003-2007 | <i>BA, History</i> ; School of History, Beijing Normal University, Beijing, China                                           |

## RESEARCH EXPERIENCE

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|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2015-     | <i>Graduate Research Assistant</i> ; Drexel University                                                                                                                                                                      |
|           | <ul style="list-style-type: none"><li>• Develop visual ontology of scientific software reuse</li><li>• Developed metadata quality evaluation framework for IMLS Continued Education Repository project</li></ul>            |
| 2012-2014 | <i>Research Assistant</i> ; Syracuse University                                                                                                                                                                             |
|           | <ul style="list-style-type: none"><li>• Conducted statistical analysis and create visualization based on user data of Zooniverse</li><li>• Conducted studies on interoperability of scientific metadata standards</li></ul> |

## PUBLICATIONS AND PAPERS

### Refereed Journal Papers

- Li, K., Yan, E., & Feng, Y. (2017). *How R is cited in research outputs? Structure, impacts, and citation standard*. Manuscript submitted for publication.
- Hu, X. J. & Li, K. (2010). *Forty Years of MARC and Beyond*. *Journal of Library Science in China*, 36(2), 83-89. (Text in Chinese) [Link](#)

## Refereed Conference Papers

- Li, K., Greenberg, J., & Lin, X. (2016). *Software Citation, Reuse and Metadata Considerations: An Exploratory Study Examining LAMMPS*. In Proceedings of the Annual Meeting of the Association for Information Science and Technology.
- Qin, J., & Li, K. (2013). *How portable are the metadata standards for scientific data? a proposal for a metadata infrastructure*. In Proceedings of the Internacional Conference on Dublin Core and Metadata Applications (pp. 25–34). [Link](#)

## Posters

- Li, K. (2017). *A metadata scheme of the software-data relationship: A proposal*. Presented in Research Data Alliance 9th Plenary Meeting, Barcelona, Spain, April 5-8, 2017.
- Li, K., Ahumada, L., & Desai, B. (2017). *SchoRSys: a scholar recommendation system based on content-based filtering technique and PubMed metadata records*. Presented in Drexel University 9th Annual Research Symposium, Philadelphia, Pennsylvania, March 3, 2017.
- Li, K. (2016). *How much can data citation standards be used for scientific software? A crosswalk analysis of data citation standards for software citation needs*. Presented in Research Data Alliance 8th Plenary Meeting, Denver, Colorado, September 14-17, 2016.

## Non-Refereed Conference Presentations

- Li, K. (2012, June 24). *RDA in China*. ALA Annual Conference 2012, Anaheim, California. [Link](#)

# TEACHING EXPERIENCE

2015-                      *Teaching Assistant*; Drexel University

- CI101: Introduction to Computing and Informatics (2015)
- INFO683: Resources for Children (2016)

# GRANTS AND GIFTS

2016-2017              *RDA/US Data Share Fellowship*; Research Data Alliance (Awarded \$10,000 plus travel support)

# PROFESSIONAL EXPERIENCE

2016-2017              *Research Internship*; The Children's Hospital of Philadelphia

- Develop scholar recommendation system based on MeSH subject terms, text-mining techniques, and social network
- Design and implement a Natural Language Processing system to analyze full-text clinician notes

2014-2015              *Market Research and Metadata Lead*; Coach360.net

- Conducted sport market research
- Developed sport taxonomy for sports coaching and learning materials

2014-2015      *Cataloger*; Ingram Content Group

- Performed original and copy cataloging, subject analysis, and shelflist based on national and local standards
- Proofread cataloging records made by other catalogers, and trained new catalogers

2012              *Internship*; New York Heritage Project

- Digitized special collections and created metadata records for Syracuse University College of Law Annual Bulletins Collection

2007-2012      *Cataloging Librarian*; Capital Library of China, Beijing, China

- Performed original and copy cataloging and subject analysis using national and local standards

## **REVIEWING**

- American Medical Informatics Association Annual Symposium: 2017 (Posters)
- International Journal on Semantic Web and Information Systems: 2017