

# REBECCA D. FRANK

frankrd@umich.edu • <http://rebeccadfrank.com>

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## Research Interests

Digital Curation • Digital Preservation • Data Sharing and Reuse • Social Construction of Risk • Trustworthy Digital Repositories

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## Education

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| <b>PhD</b> | <b>University of Michigan, School of Information Information</b> <ul style="list-style-type: none"><li>• Advisor: Elizabeth Yakel, PhD</li><li>• Dissertation: The Social Construction of Risk in the Audit and Certification of Trustworthy Digital Repositories</li></ul> | 2018<br>Ann Arbor, Michigan |
| <b>MSI</b> | <b>University of Michigan, School of Information Preservation of Information</b> <ul style="list-style-type: none"><li>• Thesis: Disaster Planning and Trustworthy Digital Repositories</li></ul>   | 2012<br>Ann Arbor, Michigan |
| <b>BA</b>  | <b>University of Michigan, College of Literature, Science and the Arts Organizational Studies</b> <ul style="list-style-type: none"><li>• London School of Economics Summer Program in English Law (July 2004)</li></ul>  | 2004<br>Ann Arbor, Michigan |

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## Honors and Awards

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| • Rackham Graduate Student Research Grant   | 2016        |
| • Fellowship, National Science Foundation (NSF) East Asia and Pacific Summer Institutes (EAPSI) Program for Australia | 2015        |
| • Summer Institute Scholarship, Archival Education and Research Institute   | 2014        |
| • Summer Institute Scholarship, Archival Education and Research Institute   | 2013        |
| • Summer Institute Scholarship, Archival Education and Research Institute   | 2012        |
| • University Library Associate Scholarship Award  | 2010 – 2012 |
| • JetBlue Airways London School of Economics Scholarship Award  | 2004        |
| • Residential College Student Community Building Award  | 2002        |

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## Experience

### Research Appointments

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| <b>Research Fellow</b><br>University of Michigan, School of Information  | 2019 – present |
| <b>Graduate Student Research Assistant</b><br>Qualitative Data Reuse (QDR): Records of Practice in Educational Research and Teacher Development<br>University of Michigan, School of Information | 2015 – 2018    |
| <b>Graduate Student Research Assistant</b><br>Dissemination Information Packages for Information Reuse (DIPIR) Project<br>University of Michigan, School of Information                          | 2012 – 2014    |

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## Teaching Experience

### Instructor of Record

*SI 699: Digital Curation Mastery Course* Winter 2019  
University of Michigan School of Information

*SI 625: Digital Preservation* Fall 2018  
University of Michigan School of Information

### Graduate Student Instructor

*SI 530: Principles in Management* Fall 2014  
University of Michigan School of Information

*SI 501: Contextual Inquiry and Project Management* Fall 2013  
University of Michigan School of Information

### Guest Lectures

*SI 625: Digital Preservation, University of Michigan School of Information* April 2016  
Topic: "Risk Management & Disaster Planning for Digital Repositories"

*SI 625: Digital Preservation, University of Michigan School of Information* April 2014  
Topic: "Disaster Planning for Digital Repositories"

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## Publications

### Dissertation

- **Frank, R. D.** (2018). *The Social Construction of Risk in Trustworthy Digital Repository Audit and Certification*. (Dissertation). University of Michigan, Ann Arbor, MI. Available URL: <http://hdl.handle.net/2027.42/147539>

### Master's Thesis

- **Frank, R. D.** (2012). *Disaster Planning for Digital Repositories*. (Master's Thesis). University of Michigan, Ann Arbor, MI. Available URL: <http://hdl.handle.net/2027.42/137664>

### Journal Articles

- Faniel, I. M., Yakel, E., & **Frank, R. D.** (accepted). Context from the Data Reuser's Point of View. *Journal of Documentation*.
- **Frank, R. D.**, (2019). The Social Construction of Risk in Digital Preservation. *Journal of the Association for Information Science and Technology*. <https://doi.org/10.1002/asi.24247>. Available URL: <http://hdl.handle.net/2027.42/149147>
- **Frank, R. D.**, Tyler, A. R. B., Gault, A., Suzuka, K., & Yakel, E. (2018). Privacy Concerns in Qualitative Video Data Reuse. *International Journal of Digital Curation*. <https://doi.org/10.2218/ijdc.v13i1.492>. Available URL: <http://hdl.handle.net/2027.42/148322>
- **Frank, R. D.**, Yakel, E., & Faniel, I. M. (2015). Destruction/Reconstruction: Preservation of Archaeological and Zoological Research Data. *Archival Science*. <http://doi.org/10.1007/s10502-014-9238-9>. Available URL: <http://hdl.handle.net/2027.42/111298>

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## Conference Papers

- Suzuka, K., **Frank, R. D.**, & Yakel, E. (2019). Re-using Video Records of Practice in Teacher Professional Development to Engage in and Develop Mathematics Teaching Practice. Society for Information Technology and Teacher Education Annual Conference. Las Vegas, NV. Paper via Conference Website: <https://academicexperts.org/conf/site/2019/papers/54737/>
- Crawford, E., Suzuka, K., **Frank, R. D.**, & Yakel, E. (2018). Facilitating Access to Digital Records of Practice in Education with Technology. E-Learn 2018: World Conference on E-Learning. Retrieved from: <https://www.learnlib.org/primary/p/185295/> Available URL: <http://hdl.handle.net/2027.42/147456>
- Suzuka, K., **Frank, R. D.**, Crawford, E., & Yakel, E. (2018). *Video Re-use in Mathematics Teacher Education*. Society for Information Technology and Teacher Education 29th Annual Conference (SITE2018). Available URL: <http://hdl.handle.net/2027.42/144779>
- **Frank, R. D.**, Chen, Z., Crawford, E., Suzuka, K., & Yakel, E. (2017). Trust in Qualitative Data Repositories. In *Proceedings of the Association for Information Science and Technology (ASIS&T)*, 54: 102-111. DOI: <https://doi.org/10.1002/pra2.2017.14505401012>. Available URL: <http://hdl.handle.net/2027.42/139703>
- **Frank, R. D.**, Suzuka, K., & Yakel, E. (2016). *Examining the Reuse of Digital Video as Qualitative Data*. Proceedings of the Archiving 2016 Annual Meeting. DOI: <https://doi.org/10.2352/issn.2168-3204.2016.1.0.146>. Available URL: <http://hdl.handle.net/2027.42/136635>
- Yakel, E., **Frank, R. D.**, & Suzuka, K. (2015). Educational Records of Practice: Preservation and Access Concerns. In *iPres 2015: Proceedings of the 12th International Conference on Digital Preservation* (pp. 206–210). Chapel Hill, NC: School of Information and Library Science, University of North Carolina at Chapel Hill. Retrieved from <http://phaidra.univie.ac.at/o:429567>.
- **Frank, R. D.**, Kriesberg, A., Yakel, E., & Faniel, I. M. (2015). Looting Hoards of Gold and Poaching Spotted Owls: Data Confidentiality Among Archaeologists & Zoologists. *Proceedings of the Association for Information Science and Technology (ASIS&T)*, 52: 1–10. DOI: [10.1002/pra2.2015.145052010037](https://doi.org/10.1002/pra2.2015.145052010037) Available URL: <http://hdl.handle.net/2027.42/115883>
- **Frank, R. D.** & Yakel, E. (2013). Disaster Planning for Digital Repositories. In *Proceedings of the Association for Information Science & Technology (ASIS&T)*, 50: 1-10. DOI [10.1002/meet.14505001058](https://doi.org/10.1002/meet.14505001058) Available URL: <http://hdl.handle.net/2027.42/106841>
- Kriesberg, A., **Frank, R. D.**, Yakel, E., Faniel, I. (2013). The Role of Data Reuse in the Apprenticeship Process. In *Proceedings of the Association for Information Science & Technology (ASIS&T)*, 50:1-10. DOI: [10.1002/meet.14505001051](https://doi.org/10.1002/meet.14505001051) Available URL: <http://hdl.handle.net/2027.42/106839>

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## Presentations

### Conference Presentations

- **Frank, R. D.** (2017, July). *A Model for the Social Construction of Risk in the Audit and Certification of Trustworthy Digital Repositories*. Society of American Archivists Annual Conference Research Forum, Portland, OR.
- **Frank, R. D.** (2017, July). *The Social Construction of Risk in the Audit and Certification of Trustworthy Digital Repositories*. Archival Education and Research Institute, Toronto, ON.
- **Frank, R. D.** (2016, July). *Risk Perception and Trustworthy Digital Repositories*. Archival Education and Research Institute, Kent, OH.
- **Frank, R. D.**, Evans, J. (2015, July). *Construction and Reconstruction: Understanding the Development of Sustainable Information Infrastructures to Support Marginalized Communities*. 2015 Conference on Research Applications, Information and Library Science (RAILS), Sydney, NSW, Australia.

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- **Frank, R. D.** (2013, June). *"Selection for Digitization Through the Lens of Archival Reappraisal"* Archival Education and Research Institute, Austin, TX.
- **Frank, R. D.** (2012, March). *"Collaborative Mentorship: Engaging Information School Students in Concurrent Library Employment"* Michigan Academies Annual Conference, Mt. Pleasant, MI.
- **Frank, R. D.** (2012, January). *"Game Over: Disaster Planning for the Computer and Video Game Archive"* Quasi-Con 2012, Ann Arbor, MI.
- **Frank, R. D., Cox, A., Hukill, G., Johnston, J., Maynard, A.** (2012, January). *"Evaluating the Success of Grant-Funded Digital Preservation Projects"* Quasi-Con 2012, Ann Arbor, MI.
- **Frank, R. D.** (2011, August). *"Preparing for the Worst: Disaster Planning at the Art, Architecture, and Engineering Library"* MLibrary Lightning Talks, Ann Arbor, MI.
- Moderator, Panel Discussion: (2011, March) *"Paving the Way for an Uncertain Future: Teaching Art Information Management in the 21st Century"* Art Libraries Society of North America Annual Conference, Minneapolis, MN.

## Invited Presentations

- **Frank, R. D.,** (2015, August) *"Construction and Reconstruction: Understanding the Development of Sustainable Information Infrastructures to Support Marginalized Communities"* Invited Presentation: Public Records Office of Victoria, Melbourne, VIC, Australia.
- **Frank, R. D.** (2015, July). *"Digital Preservation: Sustainability Through Participation?"* Monash University Faculty of Information Technology, Caulfield, VIC, Australia.
- **Frank, R. D.** (2015, May 21). *"A Thing That Can Ignite: Rebooting Heritage Institutions After Disaster"* NerdNite Detroit: Reboot, Renew, Relaunch, Detroit, MI.

## Doctoral Colloquia

- **Frank, R. D.** (2017). *"The Social Construction of Risk in the Audit and Certification of Trustworthy Digital Repositories."* 2017 ASIS&T Doctoral Colloquium, Washington, D.C.

## Conference Workshops

- **Frank, R.D., Evans, J.** (2016, July). *"Practical Strategies for Turning Conversations into Collaborations"* Archival Education and Research Institute, Kent, OH.
- Centivany, A., Chalmers, M., **Frank, R. D.,** Zimmer, M. (2015, March). *"A Collaborative Approach to Improving Information Ethics Education"* iConference 2015, Newport Beach, CA. Available URL: <https://www.ideals.illinois.edu/handle/2142/73789>

## Posters

- **Frank, R. D.,** (2018, February) *The Social Construction of Risk in the Audit and Certification of Trustworthy Digital Repositories.* Association for Library and Information Science Education (ALISE) Annual Conference Doctoral Student Research Poster Session. Denver, CO.
- **Frank, R. D., Hagen, A., Yakel, E., Suzuka, K.** (2016, February). *Visibilities and Invisibilities in Data and Work Practices: The Case of Video Records of Practice in Education.* 11th International Digital Curation Conference (IDCC). Amsterdam, Netherlands.
- **Frank, R. D.** (2014, July). *Lots of Copies Keeps Stuff Safe: Examining the USDocs LOCKSS Network as a Socio-Technical System.* Archival Education and Research Institute Poster Session, Pittsburgh, PA.

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- **Frank, R. D.** (2014, February). *Knowledge Infrastructures and Digital Preservation: An Examination of the Development of LOCKSS as a Second Order Technical System*. International Digital Curation Conference, San Francisco, CA.
- Yakel, E., Faniel, I., **Frank, R. D.** (2014, February). *Dynamics of Data Reuse when Aggregating Data through Time and Space: The Case of Archaeology and Zoology*. International Digital Curation Conference, San Francisco, CA.
- **Frank, R. D.** (2013, February). *Preservation of Archaeological and Zoological Research Data*. Society of American Archivists Annual Conference, New Orleans, LA.
- **Frank, R. D.** (2012, July). *Disaster Planning and Trustworthy Digital Repositories*. Archival Education and Research Institute Poster Session, Los Angeles, CA.

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## Service Activities

### Internal

#### University of Michigan School of Information

- Mentor, UMSI Doctoral Student Peer Mentoring Program 2016 – 2017
- Member, Dean Search Advisory Committee 2015 – 2016
- Graduate Student Instructor Mentor 2015 – 2016
- Member, Doctoral Executive Committee (DEC) 2013 – 2014
- Member, Doctoral Development Seminar (DDS) Planning Committee 2013 – 2014

#### University of Michigan

- Group Leader, Sweetland Dissertation Writing Group Program 2014
- Member, HathiTrust Disaster Planning Group 2012 – 2014
- Website Usability Testing, University of Michigan Office of Research Cyberinfrastructure (ORCI) 2012
- Preservation Assessment & Plan, University of Michigan Computer and Video Game Archive (CVGA) 2010
- Member, Organizational Studies Alumni Committee 2005 – 2010
- Member, Residential College Executive Committee 2001 – 2004
- Chair, Residential College Student Republic Academic Affairs Committee 2001 – 2003

### External

- Member, Society of American Archivists Annual Conference Student Program Subcommittee 2019
- Reviewer, Archiving (Conference): 2017, 2018, 2019 2016 – 2018
- Reviewer, *Archives and Manuscripts* (Journal) 2017
- Reviewer, *Journal of Data and Information Quality* (Journal) 2017
- Student Volunteer, Personal Digital Archiving Conference (PDA 2016) 2016
- Reviewer, *SAGE Open* (Journal) 2016
- Editorial Advisory Board Member, Decker, E. N., & Townes, J. A. (2016). *Handbook of Research on Disaster Management and Contingency Planning in Modern Libraries* (pp. 1-677). Hershey, PA: IGI Global. doi:[10.4018/978-1-4666-8624-3](https://doi.org/10.4018/978-1-4666-8624-3) 2013 – 2015
- Reviewer, *Archival Science* (Journal) 2013

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## Professional Affiliations & Certifications

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|---|----------------|
| • University of Michigan Graduate Teaching Certificate                | 2018           |
| • Member, Society of American Archivists (SAA)                        | 2010 – present |
| • Member, Association for Information Science and Technology (ASIS&T) | 2013 – present |