

# REBECCA D. FRANK

rfrank@gmail.com • <http://rebeccadfrank.com>

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## Research Interests

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

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## Education

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

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## Honors and Awards

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| • Award for Outstanding Service in Digital Teaching (Besondere Leistungen in der Digitalen Lehre), Philosophische Fakultät, Humboldt-Universität zu Berlin | 2020        |
| • Workshop Grant, Humboldt-Universität zu Berlin Frauenbeauftragte   | 2020        |
| • 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

### Academic Appointments

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|--|----------------|
| <b>Junior Professor for Information Management</b>                                     | 2019 – present |
| Institut für Bibliotheks- und Informationswissenschaft, Humboldt-Universität zu Berlin |                |
| Einstein Center Digital Future   |                |

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## Research Fellow

2019

University of Michigan, School of Information

2015 – 2018

## Graduate Student Research Assistant

Qualitative Data Reuse (QDR): Records of Practice in Educational Research and Teacher Development

University of Michigan, School of Information

## Graduate Student Research Assistant

2012 – 2014

Dissemination Information Packages for Information Reuse (DIPIR) Project

University of Michigan, School of Information

## Teaching Experience

### Instructor of Record

Institut für Bibliotheks- und Informationswissenschaft, Humboldt Universität zu Berlin

- *BP3: Informations-Produktion und Management (Scholarly Communication)* Summer 2020, 2021
- *FS 08.01: Digital Infrastructures & Archiving* Summer 2020, 2021
- *MWP8: Digital Curation* Summer 2020
- *Forschungskolleg (Research Seminar)* Winter 2020-21
- *MWP5: Digitale Informationsversorgung (Digital Information Management)* Winter 2019-20

University of Michigan School of Information

- *SI 699: Digital Curation Mastery Course* Winter 2019-20
- *SI 625: Digital Preservation* Fall 2018

### 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*  
Topic: “Risk Management & Disaster Planning for Digital Repositories”

April 2016

*SI 625: Digital Preservation, University of Michigan School of Information*  
Topic: “Disaster Planning for Digital Repositories”

April 2014

## 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. Open Access: <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. Open Access: <http://hdl.handle.net/2027.42/137664>

### Journal Articles

- Yakel, E., **Frank, R. D.**, Suzuka, K., & Smith, J. (*accepted*). Visibilities and Invisibilities in Data Reuse: Video Records of Practice in Education. *Qualitative Research*.
- **Frank, R. D.**, (2020). The Social Construction of Risk in Digital Preservation. *Journal of the Association for Information Science and Technology*. 71:474-484. <https://doi.org/10.1002/asi.24247>. Open Access: <http://hdl.handle.net/2027.42/149147>
- **Frank, R.D.**, Suzuka, K., & Yakel, E. (2020). Tool Selection Among Qualitative Data Reusers. *International Journal of Digital Curation*, 15(1), 15. <https://doi.org/10.2218/ijdc.v15i1.710>. Open Access: <http://hdl.handle.net/2027.42/162592>
- Faniel, I., **Frank, R.**, & Yakel, E. (2019), Context from the Data Reuser's Point of View. *Journal of Documentation*, Vol. 75 No. 6, pp. 1274-1297. <https://doi.org/10.1108/JD-08-2018-0133> Open Access: <https://www.oclc.org/research/publications/2019/context-from-data-reuser-point-of-view.html>
- **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>. Open Access: <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>. Open Access: <http://hdl.handle.net/2027.42/111298>

### 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.learntechlib.org/primary/p/185295/> Open Access: <http://hdl.handle.net/2027.42/147456>

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- 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)*. Open Access: <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>. Open Access: <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>. Open Access: <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) Open Access: <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) Open Access: <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) Open Access: <http://hdl.handle.net/2027.42/106839>

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## Presentations

### Conference Presentations

- **Frank, R.D.**, Suzuka, K., & Yakel, E. (2020). *Tool Selection Among Qualitative Data Reusers*. International Digital Curation Conference (IDCC), Dublin Ireland.
- **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.

## Organized Workshops

- **Data Feminism in Information Science Workshop**, (November 2020 – February 2021), Institut für Bibliotheks- und Informationswissenschaft, Humboldt-Universität zu Berlin. Funded by Humboldt-Universität zu Berlin Frauenbeauftragte.

## Invited Presentations

- **Frank, R. D.** (2020, December). “*Tool Selection Among Qualitative Data Reusers.*” Berliner Bibliothekswissenschaftlichen Kolloquium (BBK), Institut für Bibliotheks- und Informationswissenschaft, Humboldt-Universität zu Berlin. Berlin, Germany.
- **Frank, R. D.** (2020, November). “*The Social Construction of Risk in Digital Preservation: A Qualitative Study of Trustworthy Digital Repository Audit Processes.*” Invited Presentation: Digital Future Lecture Series, Technische Universität Berlin. Berlin, Germany.
- **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.

## Colloquia

- **Frank R. D.** (*accepted*). Early Career Colloquium, iConference 2021, virtual conference.
- **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.

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## Conference Workshops

- **Frank R. D.** (2021, March). “*Feminist Approaches in Information Science.*” KI-Camp 2021 (AI-Camp 2021). Berlin, Germany (virtual conference).
- Kriesberg, A., & **Frank, R. D.** (2020, July). “*Teaching Climate Change in the Archival Classroom.*” Archival Education and Research Institute. Boston, MA (virtual conference).
- **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. Open Access: <https://www.ideals.illinois.edu/handle/2142/73789>

## Posters

- **Frank, R. D.**, Rothfritz, L., & von Grafenstein, M. (accepted). *Public Service Infrastructure: Open Data and Risk.* 16<sup>th</sup> International Digital Curation Conference (IDCC). Edinburgh, UK.
- **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.* 11<sup>th</sup> 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.
- **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.

## Book Reviews

- **Frank, R. D.** (2020). [Review of the book *Cinderella’s stick: A fairy tale for digital preservation*, by Y. Tzitzikas & Y. Marketakis]. *Journal of the Association for Information Science and Technology.* <https://doi.org/10.1002/asi.24434>

## Advising and Mentoring

### Doctoral Students

- Laura Rothfritz (2020 – present)

### Master's Students – Thesis Advising

- Kerb, Reinhard. (in progress). *Examining the Sustainability of Complex Digital Archives: A Digital Humanities Case Study*.
- Fritsch, Tino. (in progress). *Digital Preservation Environments – A Qualitative Case Study of Rhizome*.
- Gomez, Katherine. (in progress). *Venezuelan diaspora in library and information science: a qualitative examination of career outcomes abroad*.
- Ladwig, Sandra. (in progress). *Understanding how description of digitized amateur film collections represents cultural heritage: a qualitative study of moving image archives in Europe*.
- Mowat, Hannah. (in progress). *Comparing and assessing Open Access in universities of the arts: a qualitative analysis of institutional strategies and obstacles*.
- Strecker, Dorothea. (2021). *Quantitative assessment of metadata collections of research data repositories*.
- Gey, Ronny. (2020). *Seeking Research Software. A Qualitative Study of Humanities Scholars' Information Practices*.
- Hey, Annette. (2020). *Analysis of User Requests to the Nautical Chart Archive of a Special Library*.
- Häußler, Helena. (2020). *The Underlying Values of Data Ethics Frameworks*.
- Rustom, Sami. (2020). *Mapping Franklin Book Programs in University Online Catalogues – Lebanon as Case Study*.

### Bachelor Students – Thesis Advising

- Stöckle, Viola. (in progress). *On the way to a green library. A case study on the transformation of the Heinrich Böll Library into a sustainable thinking library*.
- Berhanu, Salome. (2021). *Scientists for Future and Open Science – An analysis of the openness of communication practices*.
- Dörner, Sophia. (2019). *The sound of science. A systematic review of research design and data practices in peer-reviewed musicological publications*.

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## Service Activities

### Internal

#### Humboldt-Universität zu Berlin, Institut für Bibliotheks- und Informationswissenschaft (IBI)

- Mentor, IBI Mentoring Program for New Students 2020 – present

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- Member, Search Committee: W2-Professur für „Wissenschaftsforschung mit Schwerpunkt Evaluationsforschung“ 2020
- IBI Doctoral Program Planning Committee 2020
- Forschungskolleg (BA & MA student thesis advising) 2019 – present

## 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

- Programming Committee Member, 16th International Symposium on Information Science (ISI 2021) 2020 - present
- Mentor, iConference Doctoral Colloquium 2020
- Member, Society of American Archivists Annual Conference Student Program Subcommittee 2019
- Student Volunteer, Personal Digital Archiving Conference (PDA 2016) 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

## Reviews

- [journal] Journal of the Association for Information Science and Technology (JASIST) 2020
- [journal] American Archivist 2020
- [conference] International Digital Curation Conference 2021
- [conference] Association of Information Science and Technology (ASIST) Annual Conference 2019, 2020, 2021
- [journal] Ecosphere 2020
- [journal] Archival Science 2013, 2019



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- [conference] Archiving 2016 – 2018
- [journal] Archives and Manuscripts 2017
- [journal] Journal of Data and Information Quality 2017
- [journal] SAGE Open 2016

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## Professional Affiliations & Certifications

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