

Rebecca D. Frank

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EDUCATION

2018 **PhD, Information Science**
University of Michigan School of Information

2012 **MSI, Information Science**
University of Michigan School of Information

2004 **BA, Organizational Studies**
University of Michigan, College of Literature, Science, and the Arts

ACADEMIC POSITIONS

2019 - present **Einstein Centre Digital Future Assistant Professor for Information Management**
Humboldt-Universität zu Berlin, Berlin School of Library and Information Science

2019 **Research Fellow**
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

2012 – 2014 **Graduate Student Research Assistant**
Dissemination Information Packages for Information Reuse (DIPIR) Project
University of Michigan, School of Information

2010 – 2012 **University Library Associate**
University of Michigan, MLibrary: Art, Architecture, and Engineering Library

AFFILIATIONS

2019 – present [Einstein Centre Digital Future](#)

2021 – present [Network: Climate Change & Artificial Intelligence, Berlin-Brandenburg \(CC&AI:BB\)](#)

2021 – present Co-Director, Information Integrity Academy

HONORS & AWARDS

2020	Award for Outstanding Service in Digital Teaching (Besondere Leistungen in der Digitalen Lehre), Philosophische Fakultät, Humboldt-Universität zu Berlin
2016	Rackham Graduate Student Research Grant
2014	Summer Institute Scholarship, Archival Education and Research Institute
2013	Summer Institute Scholarship, Archival Education and Research Institute
2012	Summer Institute Scholarship, Archival Education and Research Institute
2010 – 2012	University Library Associate Scholarship Award, University of Michigan
2004	JetBlue Airways London School of Economics Scholarship Award
2002	Residential College Student Community Building Award

EXTERNAL FUNDING

2019 – 2025	<u>SCoR-TDR: The Social Construction of Risk in Trustworthy Digital Repository Audit and Certification</u> <i>Einstein Centre Digital Future</i> Award amount: approx. € 600,000 (€ 100,000 per year for 6 years)
2020 – 2021	<u>Data Feminism in Information Science (workshop grant)</u> <i>Humboldt-Universität zu Berlin Frauenbeauftragte</i> Award amount: € 1,000
2020	<u>Open Data for Public Infrastructure and the Social Construction of Risk</u> <i>InfraLab Berlin</i> Award amount: € 5,000
2015	<u>Understanding the Development of Sustainable Information Infrastructures for Digital Preservation to Support Marginalized Communities (PI)</u> <i>National Science Foundation (NSF) # 1515303</i> Award amount: \$ 5,070

PUBLICATIONS

(Underline indicates graduate student)

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>

Peer Reviewed Journal Articles

Kaald, S., Reistad, O., **Frank, R.D.**, Glaser, A. (accepted). Nuclear Archaeology in Action: Preserving the History of the Jeep II Reactor. *Science & Global Security*.

Frank, R. D. (2022). "Risk in Trustworthy Digital Repository Audit and Certification." *Archival Science* 22, no. 1: 43–73. Open Access: <https://doi.org/10.1007/s10502-021-09366-z>.

Yakel, E., **Frank, R. D.**, Suzuka, K., & Smith, J. (2021). Visibilities and Invisibilities in Data Reuse: Video Records of Practice in Education. *Qualitative Research*, 146879412110059. <https://doi.org/10.1177/14687941211005955>. Open Access: <http://hdl.handle.net/2027.42/167728>

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>

Peer Reviewed Conference Proceedings

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>
- 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/pr2.2015.145052010037](https://doi.org/10.1002/pr2.2015.145052010037) 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>

Lightly Peer Reviewed Conference Proceedings

- Kaald, S., Reistad, O., **Frank, R.D.**, Glaser, A. (2021). Nuclear Archaeology in Action: Preserving the History of the Jeep II Reactor. *Institute of Nuclear Materials Management & European Safeguards Research & Development Association Joint Annual Meeting*. Vienna, Austria.
- 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>
- 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>
- Yakel, E., **Frank, R. D.**, & Suzkua, 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>.

Conference Workshops

- Frank R. D.** (2021). “*Feminist Approaches in Information Science.*” KI-Camp 2021 (AI-Camp 2021). Berlin, Germany (virtual conference).

- Kriesberg, A., & **Frank, R. D.** (2020). “*Teaching Climate Change in the Archival Classroom.*” Archival Education and Research Institute. Boston, MA (virtual conference).
- Frank, R. D.,** & Evans, J. (2016). “*Practical Strategies for Turning Conversations into Collaborations*” Archival Education and Research Institute, Kent, OH.
- Centivany, A., Chalmers, M., **Frank, R. D.,** & Zimmer, M. (2015). “*A Collaborative Approach to Improving Information Ethics Education*” iConference 2015, Newport Beach, CA. Open Access: <https://www.ideals.illinois.edu/handle/2142/73789>

Conference Posters

- Frank, R. D.** (accepted). Risk in the CoreTrustSeal Data Repository Certification Process. iConference 2022. Virtual conference. (***Finalist for Best Poster Award***)
- Frank, R. D.,** Rothfritz, L., & von Grafenstein, M. (2021). *Public Service Infrastructure: Open Data and Risk.* 16th International Digital Curation Conference (IDCC). Edinburgh, UK.
- Frank, R. D.** (2018) *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). *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). *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). *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). *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). *Preservation of Archaeological and Zoological Research Data.* Society of American Archivists Annual Conference, New Orleans, LA.
- Frank, R. D.** (2012). *Disaster Planning and Trustworthy Digital Repositories.* Archival Education and Research Institute Poster Session, Los Angeles, CA.

Reports and Other Papers

- Frank, R. D.,** von Grafenstein, M., & Rothfritz, L. (2022). *Open Data und die Risikowahrnehmung in der Öffentlichen Daseinsvorsorge (Open Data and the Perception of Risk in Public Services).* Open Access: <https://zenodo.org/record/6285549>

Book Reviews

Frank, R. D. (2021). Cinderella's stick: A fairy tale for digital preservation. Yiannis Tzitzikas, Yiannis Marketakis. Berlin: Springer, 2018, 249 pp., € 51.16 (paperback). (ISBN 9783319984872). *Journal of the Association for Information Science and Technology*, 72(5), 649–652. <https://doi.org/10.1002/asi.24434>

WORKSHOPS

Organized Workshops

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

Workshops Attended

Climate Change & AI Network Berlin Brandenburg Workshop, (December 2021).

COLLOQUIA

Frank, R. D. (2021). 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.

TALKS & PRESENTATIONS

Conference Presentations

Moderator, Keynote Presentation (2021). *Data Feminism (speakers: Catherine D’Ignazio & Lauren F. Klein)*. iConference 2021 Beijing, China (virtual conference).

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). *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). *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). *Risk Perception and Trustworthy Digital Repositories.* Archival Education and Research Institute, Kent, OH.

Frank, R. D., & Evans, J. (2015). *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.

- Frank, R. D.** (2013). *Selection for Digitization Through the Lens of Archival Reappraisal*. Archival Education and Research Institute, Austin, TX.
- Frank, R. D.** (2012). *Collaborative Mentorship: Engaging Information School Students in Concurrent Library Employment*. Michigan Academies Annual Conference, Mt. Pleasant, MI.
- Frank, R. D.** (2012). *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). *Evaluating the Success of Grant-Funded Digital Preservation Projects*. Quasi-Con 2012, Ann Arbor, MI.
- Frank, R. D.** (2011). *Preparing for the Worst: Disaster Planning at the Art, Architecture, and Engineering Library*. MLibrary Lightning Talks, Ann Arbor, MI.
- Moderator, Panel Discussion: (2011) *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.

Conference Keynotes and Plenaries

- [Keynote] **Frank, R.D.** (*upcoming, April 2022*). 2022 Women in Data Science (WiDS) Conference. WUMANetzwerk. Mannheim, Germany, virtual event.

Invited Talks

- Frank, R.D.** (2021). *The Social Construction of Risk in Trustworthy Digital Repository Certification*, Library Science Talks, Zentralbibliothek Zürich, Association of International Librarians and Information Specialists (AILIS) and CERN Scientific Information Service. Zürich, Switzerland, virtual presentation.
- Frank, R. D.** (2020). *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). *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) *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). *Digital Preservation: Sustainability Through Participation?* Monash University Faculty of Information Technology. Caulfield, VIC, Australia.
- Frank, R. D.** (2015). *A Thing That Can Ignite: Rebooting Heritage Institutions After Disaster*. NerdNite Detroit: Reboot, Renew, Relaunch. Detroit, MI.

TEACHING EXPERIENCE

Instructor of Record, Berlin School of Library and Information Science

MWP5: Digital Information Management (Winter 2019-20, 2021-22)
BP3: Introduction to Scholarly Communication (Summer 2020, 2021, 2022)
Forschungskolleg (Research Seminar for Student Theses) (Winter 2020-21)
FS 08.01: Digital Infrastructures and Archiving (Summer 2020, 2021)
MWP8: Digital Curation (Summer 2020)

Instructor of Record, University of Michigan School of Information

SI 699: Digital Curation Mastery Course (Winter 2019)
SI 625: Digital Preservation (Fall 2018)

Graduate Student Instructor, University of Michigan School of Information

SI 530: Principles in Management (Fall 2014)
SI 501: Contextual Inquiry and Project Management (Fall 2013)

Guest Lectures

SI 625: Digital Preservation, University of Michigan School of Information (Winter 2016)
“*Risk Management & Disaster Planning for Digital Repositories*”
SI 625: Digital Preservation, University of Michigan School of Information (Winter 2014)
“*Disaster Planning for Digital Repositories*”

ADVISING

(Student names available upon request.)

Doctoral Students

2020 – present *Distrust and mistrust in information infrastructures: A case study of the Data Rescue movement.*

Master’s Students – Thesis Advising

2021 – present *Examining the Sustainability of Complex Digital Archives: A Digital Humanities Case Study.*
2021 – present *Comparing and assessing Open Access in universities of the arts: a qualitative analysis of institutional strategies and obstacles.*
2022 *Digital Preservation Environments – A Qualitative Case Study of Rhizome.*
2021 *Venezuelan diaspora in library and information science: a qualitative examination of career outcomes abroad.*

- 2021 *Understanding how description of digitized amateur film collections represents cultural heritage: A qualitative study of moving image archives in Europe.*
- 2021 *Quantitative assessment of metadata collections of research data repositories.*
- 2020 *Seeking Research Software. A Qualitative Study of Humanities Scholars' Information Practices.*
- 2020 *Analysis of User Requests to the Nautical Chart Archive of a Special Library.*
- 2020 *The Underlying Values of Data Ethics Frameworks.*
- 2020 *Mapping Franklin Book Programs in University Online Catalogues – Lebanon as Case Study*

Bachelor Students – Thesis Advising

- 2022 – present *The impact of Open Access activities on the proportion of Open Access publications at the ten universities in Germany with the highest output of publications from 2018-2020*
- 2022 *Cost-benefit analysis of the social media activity of small and very small libraries in Germany*
- 2021 *TRUST Principles for reliable data management: Qualitative analysis of a CTS certified repository Protein Data Bank for trustworthiness.*
- 2021 *On the way to a green library. A case study on the transformation of the Heinrich Böll Library into a sustainable thinking library.*
- 2019 *The sound of science. A systematic review of research design and data practices in peer-reviewed musicological publications.*

SERVICE & GOVERNANCE

Reviewing: Funding

Leibniz Association (Germany)

Reviewing: Journals

American Archivist
Archival Science
Archives and Manuscripts
Ecosphere
Journal of Data and Information Quality
Journal of the Association for Information Science and Technology (JASIST)
SAGE Open

Reviewing: Conferences

Association of Information Science and Technology (ASIST) Annual Conference (2019, 2020, 2021, 2022)

International Digital Curation Conference (IDCC) (2021)
Archiving (2016, 2017, 2018, 2021)

External

- 2022 – present Member, Advisory Board for the Berlin University Alliance (BUA) Shared Services Center (SOURCE)
- 2021 – present Participant & Mentee, ProFiL Program (“Professionalization of Women in Research and Teaching: Mentoring – Training – Networking”)
- 2019 – present Member, Einstein Centre Digital Future Women in STEAM Initiative
- 2019 – present Advisor, HEADT Centre (Humboldt-Elsevier Advanced Data and Text Centre)
- 2020 – 2021 Programming Committee Member, 16th International Symposium on Information Science (ISI 2021)
- 2020 Mentor, iConference Doctoral Colloquium
- 2019 Member, Society of American Archivists Annual Conference Student Program Subcommittee
- 2016 Student Volunteer, Personal Digital Archiving Conference (PDA 2016)
- 2013 – 2015 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)

Internal, Berlin School of Library and Information Science

- 2021 – present Organizer, Doctoral Colloquium
- 2019 – present Mentor, Forschungskolleg (BA & MA student thesis advising)
- 2020 – 2022 Voting Member, Institutional Council (Institutsrat)
- 2020 – 2021 Mentor, IBI Mentoring Program for New Students
- 2020 Member, Search Committee: W2-Professur für „Wissenschaftsforschung mit Schwerpunkt Evaluationsforschung“

Internal, University of Michigan

- 2016 – 2017 Mentor, UMSI Doctoral Student Peer Mentoring Program
- 2015 – 2016 Member, UMSI Dean Search Advisory Committee
- 2015 – 2016 Graduate Student Instructor Mentor (UMSI)
- 2014 Group Leader, Sweetland Dissertation Writing Group Program
- 2013 – 2014 Member, UMSI Doctoral Executive Committee
- 2013 – 2014 Member, UMSI Doctoral Development Seminar Planning Committee
- 2012 – 2014 Member, HathiTrust Disaster Planning Advisory Group
- 2012 Website Usability Testing, University of Michigan Office of Research Cyberinfrastructure (ORCI)
- 2010 Preservation Assessment & Plan, University of Michigan Computer and Video Game Archive (CVGA)
- 2005 – 2010 Member, Organizational Studies Alumni Committee
- 2001 – 2004 Member, Residential College Executive Committee
- 2001 – 2003 Chair, Residential College Student Republic Academic Affairs Committee

AFFILIATIONS & CERTIFICATIONS

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