

Alexandria Rayburn

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Education

- 2020-2024 **Doctor of Philosophy in Information (PhD)**
University of Michigan School of Information
Advisors: Andrea Thomer, Ricky Punzalan
- 2018-2020 **Master of Science in Information, Concentration in Digital Curation (MSI)**
University of Michigan School of Information
Graduate Certificate in Museum Studies
- 2013 -2017 **Bachelor of Arts, Arts & Humanities, *Cum Laude* (BA)**
Michigan State University
Minors in Museum Studies and Geography

Research Interests

Digital Curation, Museum Informatics, Metadata Studies, Information Infrastructure

Experience

- 2021- Present **Archivist**, Graduate Employee Union (GEO) AFT Michigan 3550, AFL-CIO
Created a sustainable archival plan for this organization including managing, organizing, and classifying digital assets, creating and documenting procedures for a digital repository, and implementing a document retention schedule. Also coordinated a record donation of analog material to a relevant archive.
- 2019-Present **Graduate Student Research Assistant**, University of Michigan School of Information
Assisted Dr. Andrea Thomer on the Migrating Research Data Collection project (IMLS funded) developing best practices in data and database migration, specifically in museums and archives. Assisted with data collection and analysis and general project management, published findings from the research in academic journals and conferences.
- Spring 2021 **Research Collaborator**, University of Michigan School of Information
Assisted Dr. Ricky Punzalan with the planning and analysis of focus groups with users of the The Great Lakes Research Alliance for the Study of Aboriginal Arts & Cultures (GRASAC) knowledge sharing database. The goals of these focus groups are to understand and document unmet needs of this user community. The information gathered in these focus groups will guide future enhancements to the database.
- Summer 2019 **Research Assistant**, University of Michigan School of Information
Assisted Dr. Patricia Garcia on the project CompuGirls (IMLS and NSF funded), developing a culturally responsive model for teaching STEM in public libraries.
- 2018-2019 **Art Handler**, University of Michigan Museum of Art
Prepared, installed and rehoused works of art for the use of visiting students and researchers of the museum.

- Fall 2018 **Reference Librarian**, Stephen S. Clark Library at the University of Michigan
Cataloged maps using Machine Readable Cataloging (MARC) standards along with assisting patrons.
- 2016-2018 **Collections Specialist**, Michigan State University Museum
Digitally archived material for The Quilt Index and the Michigan Stained Glass Census (NEH and IMLS funded).
- 2015-2016 **Library Conservation Technician**, Michigan State University Libraries
Trained under the Special Collections conservation team to repair books in various states of distress.
- Summer 2015 **Research Intern**, Southern Food and Beverage Museum
Researched content surrounding the roots of southern food to create new labels for a permanent exhibit within the museum.

Publications and Presentations

Presentations and Panels

Hodge, C, Krmpotich, C, Marsh, D, Punzalan, R, **Rayburn, A**, Raymond, S (2021, November). A Conversation on Community-led Databases: Surveying Methods of Knowledge Sovereignty. Roundtable at the *American Anthropological Association Annual Meeting (AAA)*. Baltimore, MD.

Tracey, P, Huber, L, Perry, C, **Rayburn, A** (2021, September). Theorizing Care and the Digital. Panel at the *34th Annual Meeting of the Society for Literature, Science and the Arts (SLSA2021)*. Ann Arbor, MI.

Posters and conference proceedings

Starks, JR, **Rayburn, A**, Lenard, M, Thomer, AK (2022, March). What best practices exist to support database and digital collection migration? Poster accepted at the Research Data Access and Preservation (RDAP) Association. Virtual.

Rayburn, A, Thomer, AK (2022, February). The Craft of Database Curation: Taking Cues from Quiltmaking. Poster presented in the *iConference proceedings 2022*. Virtual. <https://dx.doi.org/10.7302/4358>

Rayburn A (2021, October). Understanding the Role of Community Collaboration Within Indigenous Cultural Heritage Data Migrations. Poster presented at the *84th Annual Meeting of the Association for Information Science and Technology*. Salt Lake City, Utah. <https://doi.org/10.1002/pra2.571>

Tracey, P, **Rayburn, A** (2021, October). Reddit as a Forum for Social Service Workers. Poster presented at the *84th Annual Meeting of the Association for Information Science and Technology*. Salt Lake City, UT. <https://doi.org/10.1002/pra2.584>

Rayburn, A, Thomer, AK (2020, February). Reconstructing the development of legacy database platforms. Poster presented at the *International Digital Curation Conference*. Dublin, Ireland. <https://deepblue.lib.umich.edu/handle/2027.42/162598>

Thomer, AK, **Rayburn, A**, & Tyler, ARB (2020, February). Three approaches to documenting database migrations. Presented at the *International Digital Curation Conference*. Dublin, Ireland. doi: 10.2218/ijdc.v15i1.726

Rayburn A, Counts M, Sexton T, Patterson, R (2019, August). A Digital Look At Protest Culture In Ann Arbor, Michigan. Poster presented at the *83rd Annual Society of American Archivists Conference*. Austin, TX.

Rayburn, A, Counts, M, Sexton, T, Patterson, R (2019, April). A Historic Look at Protest Culture In Ann Arbor. Poster presented at the *Midwest Archives Conference*. Detroit, MI.

Workshop Papers

Thomer, AK, Sciolla, S, **Rayburn, A**, Topham, K, Lundering-Timpano, M. (2019, June). Practical and meta-challenges in modeling database migrations: a case study of the MBGNA. Conceptual Models in Digital Libraries, Archives and Museums Workshop. *Annual Meeting of the Joint Conference of Digital Libraries*. Champaign, IL. https://github.com/sig-cm/JCDL2019/blob/master/thomer_sigcm_19.pdf

Manuscripts Under Review

Rayburn A, Thomer, AK. 'A patchwork of data systems:' Quiltmaking as an analytical lens for infrastructure maintenance. Submitted to the *Journal of Science, Technology, & Human Values*.

Honors and Awards

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| 2022 | iConference 2022 Best Poster Award |
| 2020-2021 | University of Michigan School of Information Merit Fellowship |
| 2019 | Midwest Archives Conference 2019 Best Poster Award |
| 2018-2020 | University of Michigan School of Information Wallace J. Bonk Scholarship |
| 2018-2020 | University of Michigan School of Information Philip Berry Scholarship |
| 2013-2017 | Michigan State University Honors College |
| 2013-2017 | Michigan State University Dean's List |

Service

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| 2021 | Reviewer, Computer Supported Cooperative Work (CSCW) 2022 |
| 2021 | Reviewer, Archival Science |
| 2020 | Student Volunteer, International Conference on the History of Records and Archives |
| 2019 | Student Officer, Society of American Archivists University of Michigan Chapter |

Membership

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| 2021-2022 | Association for Information Science and Technology |
| 2021-2022 | Michigan Museum Association |
| 2021-2022 | American Anthropological Association |
| 2018- Present | Thomer Lab, University of Michigan School of Information |
| 2020- Present | Indigenous Knowledge Lab, University of Michigan School of Information |
| 2018-2019 | Society of American Archivists |