

Emily Maemura

www.emilymaemura.com emaemura@illinois.edu

Academic Appointments

Assistant Professor, University of Illinois at Urbana Champaign, School of Information Sciences,
2022–Present

Librarian, Digital Strategy Research, Ryerson University, 2020–2021

Librarian, Research Data Management Support and Liaison for the Faculty of Engineering and
Architectural Science, Ryerson University, 2019–2020

Teaching Assistant and Instructor, University of Toronto, Faculty of Information and Institute of
Communication, Culture, Information and Technology, 2014–2021

Education

Ph.D., University of Toronto, Faculty of Information, 2021

Dissertation: *Data Here and There: Studying Web Archives Research Infrastructures in
Danish and Canadian Settings*.

Committee: Patrick Keilty (supervisor), Beth Coleman, Costis Dallas

M.I., University of Toronto, Faculty of Information, with a Specialization in Information
Systems & Design and Collaborative Program in Knowledge Media Design, 2014

B.A.S., University of Waterloo, School of Architecture, 2007

Peer-reviewed Articles

Ogden, J., & Maemura, E. (2021). ‘Go fish’: Conceptualising the challenges of engaging
national web archives for digital research. *International Journal of Digital Humanities*.
doi:10.1007/s42803-021-00032-5.

Becker, C., Maemura, E., & Moles, N. (2020). The Design and Use of Assessment Frameworks
in Digital Curation. *Journal of the Association for Information Science and Technology*,
71(1), 55–68.

Maemura, E., Worby, N., Milligan, I., & Becker, C. (2018). If These Crawls Could Talk:
Studying and Documenting Web Archives Provenance. *Journal of the Association for
Information Science and Technology*, 69(10), 1223–1233.

Maemura, E., Moles, N., & Becker, C. (2017). Organizational assessment frameworks for digital
preservation: A literature review and mapping. *Journal of the Association for Information
Science and Technology*, 68(7), 1619–1637.

Peer-reviewed Conference Proceedings (full paper reviewed)

- Maemura, E. (2018). What's Cached is Prologue: Reviewing Web Archives Research Towards a Model for Scholarly Use. In *Proceedings of the 81st Annual Meeting of the Association for Information Science and Technology*, Vancouver, BC, November 2018.
- Maemura, E., Becker, C., & Milligan, I. (2016). Understanding computational web archives research methods using research objects. In *Proceedings of the 2016 IEEE International Conference on Big Data (Big Data)*, Washington, DC, December 2016
- Maemura, E., Moles, N., & Becker, C. (2015). A Survey of Organizational Assessment Frameworks in Digital Preservation. In *Proceedings of the 12th International Conference on Digital Preservation*, Chapel Hill, NC, November 2015.
- Maemura, E., Turner, D., Perrie, J., Lyons, K., & Stroulia, E. (2014). GRAND Multidisciplinarity: The Way We Are. In *Proceedings of the 5th Annual Conference of the Graphics, Animation and New Media (GRAND) Network of Centres of Excellence*, Ottawa, ON, May 2014.

Refereed Abstract Presentations

- Maemura E. (2021). *Data Practices And Sociotechnical Judgments Of Web Archives Infrastructures*. Presentation at 4S 2021, Toronto (online), October 2021.
- Ogden, J., & Maemura, E. (2020). *A tale of two web archives: Challenges of engaging web archival infrastructures for research*. Presentation at DH2020, Ottawa (online), July 2020.
- Ogden, J., & Maemura, E. (2020). *A tale of two web archives: Challenges of engaging web archival infrastructures for research*. Presentation at Engaging with Web Archives: 'Opportunities, Challenges and Potentialities', (EWA20), Kildare, Ireland (online), September 2020.
- Maemura, E., Worby, N., Becker, C., & Milligan, I. (2017). *Origin stories: Documentation for Web Archives Provenance*. Presented at the International Internet Preservation Consortium Web Archiving Conference, London, UK, June 2017.
- Maemura, E. (2017). *How Web Archives are, are not, could be, and should be Archives*. Paper presented at the 9th annual Archival Education and Research Institute (AERI), Toronto July 2017.
- Maemura, E., Price, M., Sands, A. (2017). *Challenges for Grassroots Web Archiving of Environmental Data*. Panel presentation at the Web Archiving and Digital Libraries Workshop at the ACM/IEEE Joint Conference on Digital Libraries, Toronto, July 2017.
- Maemura, E., Dearborn, D., Trimble, L., Gertler, M., & Becker, C. (2016). *Identifying RDM Drivers, Gaps and Opportunities: A Baseline Assessment*. Poster presented at the 11th International Digital Curation Conference (IDCC16), Amsterdam, the Netherlands.
- Becker, C., Maemura, E., Duretec, K., Kulmukhametov, A., Rauber, A., Kulovits, H., Vieira, R., Cardoso, R., & Borbinha, J. (2015). *BenchmarkDP: Evidence for Digital Preservation*. Poster presented at the 10th International Digital Curation Conference, London, UK.

Invited Lectures

- Keynote Speaker, “Towards an Infrastructural Description of Archived Web Data.” WARCnet Meeting, Aarhus, Denmark (virtual), April 2021.
- Panelist, “Making, Using, and Exploring Web Archives: Tales from Scholars & Practitioners.” Web Archiving and Digital Libraries, a Virtual Workshop of the ACM/IEEE Joint Conference on Digital Libraries, Wuhan, Hubei, P.R. China, August 2020.
- Speaker, “Doing Infrastructure Ethnography: exploring the logics and orders shaping web archives collections.” iSchool, University of British Columbia, Vancouver BC, March 2019.
- Guest Lecturer, CCT385H: An Introduction to Media Environments – University of Toronto, Institute of Communication, Culture, Information and Technology, February 2019.
- Speaker, “Explorations of Netarkivet: Preliminary Findings.” NetLab Forum, Aarhus University, Aarhus, Denmark, May 2018.
- Speaker, “If These Crawls Could Talk: Studying and Documenting Web Archives Provenance.” NetLab Forum, Aarhus University, Aarhus, Denmark, February 2018.
- Speaker (with Christoph Becker & Ian Milligan) “How are Web Archives Made and Used? A Report and Discussion on Work in Progress at the Digital Curation Institute.” Faculty of Information, University of Toronto, Toronto ON, February 2017.

Workshops and Colloquia

- Participant, Doctoral Colloquium at the Association for Information Science and Technology Annual Meeting, Vancouver, BC, November 2018.
- Participant, Doctoral Colloquium at the Association of Internet Researchers Conference, Montreal, QC, October 2018.
- Participant, McLuhan Centre PhD Summer Residency, Toronto, ON, July 2017.
- Co-organizer (with Christoph Becker and Ian Milligan) “Data, process, and results: Connecting web archival research elements” workshop coordinated at the Researchers, Practitioners and the Archived Web Conference, University of London, London, UK, June 2017.
- Participant, Archives Unleashed 4.0: Web Archives Datathon, British Library, London, UK, June 2017.
- Co-organizer (with Dawn Walker) “Touring the Internet” workshop at the MidweSTS Graduate Student Workshop, Illinois Institute of Technology, Chicago, IL, September 2016.
- Participant, Archives Unleashed 2.0: Web Archives Datathon, Library of Congress, Washington, D.C., June 2016.
- Participant, Archives Unleashed Web Archives Datathon, University of Toronto, Toronto, ON, March 2016.
- Participant, Digital Methods Initiative Summer School, University of Amsterdam, July 2015.

Research Experience

Guest Researcher, NetLab, Aarhus University, Spring 2018

Conducted fieldwork for my doctoral dissertation hosted by NetLab and Dr. Niels Brügger.

Research Assistant, Digital Curation Institute, University of Toronto, 2014–2016

BenchmarkDP project (PI: Christoph Becker).

Research Assistant, GRAND Networks of Centres of Excellence, 2013–2014

Media Enabled Organizational Workflow (MEOW) project (supervised by Kelly Lyons).

Teaching

University of Toronto

Course Instructor for Information Workshop “Research Data Curation” Winter 2020

Proposed and designed a new course; two sections of 25 Master’s students

Teaching Assistantships – Graduate Courses:

Online Information Retrieval: Summer 2020

Information Systems, Services and Design: Fall 2018, Summer 2019

Introduction to Information Systems: Fall 2015

Data Modelling and Database Design: Winter 2019

Digital Preservation and Curation: Fall 2014, Fall 2017

Teaching Assistantships – Undergraduate Courses:

Information Systems: Winter 2019

Service in the Faculty of Information

President, Doctoral Student Association, 2016–2017

PhD Student Representative, Executive Committee of Faculty Council, 2016–2017

Member, Truth & Reconciliation Student Working Group, 2016–2017

Advisory Committee, Search for Dean of the Faculty of Information, 2015–2016

Information Services Committee, 2014–2016

Service in Conferences, Societies, and Councils

Co-Chair Posters & Demos, ACM/IEEE Joint Conference on Digital Libraries, 2017

Doctoral Subcommittee, Archival Education and Research Institute, 2017

Reviewer, ACM/IEEE Joint Conference on Digital Libraries, 2017

Treasurer, Association for Information Systems Student Chapter, 2015–2016

Secretary, Association for Information Systems Student Chapter, 2014–2015

Grants

SSHRC Joseph-Armand Bombardier Canada Graduate Scholarship Doctoral Award, 2015–2018

SSHRC Michael Smith Foreign Study Supplement, 2018

University of Toronto Graduate Research Travel Grant, 2018

Awards & Honours

University of Toronto Faculty of Information Doctoral Completion Award, 2020
Beta Phi Mu Eugene Garfield Doctoral Dissertation Fellowship, 2019
Ontario Graduate Scholarship, 2018
ASIS&T Annual Meeting Mentorship Program Travel Award, 2018
IIPC Web Archiving Conference Student Travel Bursary, 2017
University of Toronto Faculty of Information PhD Conference Travel Award, 2017
Archives Unleashed Hackathon Travel Award, 2016
University of Toronto Faculty of Information PhD Conference Travel Award
University of Toronto Faculty of Information Fellowship, 2014–2018
Ontario Graduate Scholarship, 2014

Professional Affiliations

Association for Information Science and Technology (ASIS&T)
Association of Internet Researchers (AoIR)
Society for the Social Studies of Science (4S)