

Megh Marathe

Department of Media & Information
Center for Bioethics & Social Justice
Michigan State University

Email: marathem@msu.edu
Phone: +1 734 846 1047
Web: <http://marathem.com>

EDUCATION

Ph.D. Information, University of Michigan, 2021
M.S. Computer Science, University of Toronto, 2009
B.E. Computer Engineering, *summa cum laude*, University of Mumbai, 2007

EMPLOYMENT

2022 Assistant Professor, Michigan State University
2021–22 President’s Postdoctoral Fellow, University of California, Irvine
2014–15 Research Fellow, Microsoft Research
2012–14 Technical Lead, Aurality Technologies
2010–12 Software Engineer, Germinait
2009–10 Associate Consultant, Oracle

GRANTS AND AWARDS

2021 University of California President’s Postdoctoral Fellowship
2020 Outstanding PhD Student Award, University of Michigan (UM) School of Information
2020 Richard & Lillian Ives Fellowship, UM Institute for the Humanities
2019 Microsoft Research Dissertation Grant
2019 UM Rackham Public Scholarship Award
2019 UM Disability Studies Mini Grant
2018 Best Paper Award, ACM CHI Conference on Human Factors in Computing (CHI)
2018 CRA–URMD Grad Cohort Scholar
2018 Diversity Committee Grant, UM School of Information
2016 Grace Hopper Scholarship, Anita Borg Institute
2007 Silver Medal in Computer Engineering, University of Mumbai

PUBLICATIONS

Peer-Reviewed Journal and Conference Publications

- 2021 **Megh Marathe** and Kentaro Toyama. The situated, relational, and evolving nature of epilepsy diagnosis. *Proceedings of the ACM on Human-Computer Interaction (CSCW)*.
- 2021 **Megh Marathe**, Yoonseon Yi, Chia-Hsuan Su, Ting-Wei Chang, Gabriela Marcu. Tedious versus taxing: The nature of work in a behavioral health context. *PACMHCI (CSCW)*.
- 2020 **Megh Marathe**. Seizure aesthetics: Temporal regimes and medical technology in epilepsy diagnosis. *Time and Society*, 29 (2), 420–443.
- 2020 **Megh Marathe** and Priyank Chandra. Officers never type: Examining the persistence of paper in e-governance. *CHI 2020*.
- 2018 **Megh Marathe** and Kentaro Toyama. Semi-automated coding for qualitative research: A user-centered inquiry and initial prototypes. *CHI 2018*. **Best paper award**.
- 2016 **Megh Marathe**, Jacki O’Neill, Paromita Pain, and William Thies. ICT-enabled grievance redressal in central India: A comparative analysis. *International Conference on Information and Communication Technologies and Development (ICTD) 2016*.
- 2015 **Megh Marathe**, Jacki O’Neill, Paromita Pain, and William Thies. Revisiting CGNet Swara and its impact in rural India. *ICTD 2015*.
- 2010 **Megh Marathe** and Graeme Hirst. Lexical chains using distributional measures of semantic distance. *Computational Linguistics and Intelligent Text Processing (CICLing) 2010*.

Editor-Reviewed Web-Based Publications

- 2022 **Megh Marathe**. Technology in Medical Anthropology. *Medical Anthropology Quarterly*.
- 2019 **Megh Marathe**. Staging seizure: Chronic contingency in epilepsy diagnosis. *Somatosphere*.

Selected Peer-Reviewed Abstracts and Posters

- 2021 **Megh Marathe**. The making of seizure. *Society for Disability Studies*.
- 2021 **Megh Marathe**. Big data in medicine: The case of epilepsy. *Society for the Social Studies of Science (4S)*.
- 2021 Aparna Moitra, **Megh Marathe**, Syed Ishtiaque Ahmed, Priyank Chandra. Negotiating Intersectional Non-Normative Queer Identities in India. Extended Abstract at *CHI 2021*.
- 2020 **Megh Marathe**, Russell Derry, Kentaro Toyama, Sucheta Joshi. Adding nuance to “zero seizures and zero side effects.” *American Epilepsy Society*.
- 2020 **Megh Marathe**. Seizure aesthetics: Temporal regimes and medical technology. *4S*.
- 2019 **Megh Marathe**. Staging seizure in epilepsy diagnosis. *Society for Disability Studies*.
- 2019 **Megh Marathe**. On the social temporality of epileptic seizures. *Canadian Disability Studies Association*.
- 2019 **Megh Marathe**. Clock time, aesthetics, and temporal design in epilepsy diagnosis. *4S*.
- 2019 **Megh Marathe**. Imagining crip self and time through the epileptic seizure. *Nordic Network on Disability Research*.

- 2019 **Megh Marathe.** The contingent, situated, and relational nature of epilepsy diagnosis. Human-AI Collaboration in Healthcare workshop at CSCW.
- 2019 **Megh Marathe.** History as point of departure: Chronic contingency in epilepsy diagnosis. Fostering Historical Research workshop at CSCW.
- 2018 **Megh Marathe.** Theorizing time during the epileptic seizure. *Temporal Belongings International Conference.*
- 2017 **Megh Marathe.** Examining the persistence of paper in electronic grievance redress in Madhya Pradesh. *Annual Conference on South Asia.*
- 2016 **Megh Marathe,** Priyank Chandra, Vaishnav Kameswaran, Tsuyoshi Kano, Syed Ishtiaque Ahmed. In search of missing pieces: Re-examining trends in ICTD research. *ICTD 2016.*
- 2014 Krittika D'Silva, **Megh Marathe,** Aditya Vashistha, Gaetano Borriello, and William Thies. A mobile application for interactive voice forums: Design and pilot deployment in rural India. *Annual symposium on Computing for Development (ACM DEV) 2014.*

Manuscripts in Submission

- 2022 **Megh Marathe.** Weighing and sifting in the time of digital brainwaves: Towards a temporal economy of medical technology. Under review.
- 2022 **Megh Marathe.** Obtaining an epilepsy diagnosis: Implications for disability frameworks, disability justice, and beyond. Under review.
- 2022 Sharon Heung, Mahika Phutane, Shiri Azenkot, **Megh Marathe,*** and Aditya Vashistha.* Nothing micro about it: Examining ableist microaggressions on social media. In press at *ACM Conference on Computers and Accessibility (ASSETS).* * indicates senior authorship.
- 2022 Oliver Haimson and **Megh Marathe.** Uncovering personal histories: A technology-mediated approach to eliciting reflection on identity transitions. In press at *ACM Transactions on Computer-Human Interaction (TOCHI).*

Public Scholarship and Outreach

- 2021 Was that a seizure? Talk presented at the New Hope Epilepsy Support Group, Michigan.
- 2020 Voices of Epilepsy, a narrative podcast by Megh Marathe, Sue Chong, and Jack Withers.

INVITED TALKS

- 2022 Was That a Seizure? Diagnosis in Lived Experience and Medical Practice
UC San Diego Science Studies Seminar
UC Irvine Informatics Seminar
- 2022 Social and Historical Context are Key to Ethical Design
Invited panelist, UC Irvine Design + Ethics seminar
- 2022 Decision-making in Healthcare: The Case of Neural Implants
UC Irvine Comprehensive Epilepsy Program
UC Irvine Movement Disorders Program
- 2021 Was That a Seizure? Diagnosis in Patient Experience and Medical Practice

- UC Irvine Epilepsy Research Center
- 2021 Social Implications of Neural Implants
Johns Hopkins University
- 2021 Towards Inclusive Healthcare Systems
Michigan State University
Pennsylvania State University
Carnegie Mellon University
Cornell University
University of Washington
University of Pittsburgh
University of Texas at Austin
University of Texas Medical Branch at Galveston
University of Maryland, Baltimore County
UM Computer Science and Engineering
- 2020 Biomedical Perspectives on Embodied Difference
Discussant, 4S panel on Critical Medical STS
- 2019 Staging Seizure: Chronic Contingency in Epilepsy Diagnosis
Eisenberg Institute for Historical Studies, Ann Arbor
- 2015 Revisiting CGNet Swara and its Impact in Rural India
Microsoft Research, Bangalore
- 2014 Voice-based Citizen Journalism in the Developing World
United Nations Democracy Fund (UNDEF), New York

TEACHING EXPERIENCE

University of Michigan

Sociotechnical Insights for Clinical Informatics (Guest lecture, Fall 2020)

Programming I, II, III (Winter 2017, Fall 2017, Fall 2018)

Contextual Inquiry and Consulting Foundations (Fall 2016)

University of Toronto

Introduction to Databases (Winter 2008, Fall 2008, Winter 2009)

Mathematical Expression and Reasoning (Fall 2007)

SERVICE

Peer Review

Disability Studies Quarterly, International Journal of Medical Informatics, CHI, CSCW, ICTD, TOCHI

Service to Field

Associate Editor, TOCHI Special Issue on History and HCI

Program Committee, Society for Disability Studies 2021

Associate Chair, Late Breaking Work, CHI 2020

Technology & Logistics Co-Chair, Workgroup on Interactive Systems in Health, AMIA 2020

Registration Chair, ICTD 2019

Regular Contributor, Somatosphere

Departmental/University Service

Diversity, Equity & Inclusion committee, UM School of Information, 2020–21

Doctoral Program Committee, UM School of Information, 2019–20

Doctoral Student Organization, UM School of Information, 2015–17, 2019–21

Steering Committee, UM Science, Technology & Society (STS) Program, 2018–20

Organizing Committee, UM STS Annual Symposium, 2019

Coordinator, UM STS Interdisciplinary Graduate Workshop, 2019–20

OutFormation (queer student organization), UM School of Information, 2017–20

PROFESSIONAL AFFILIATIONS

Society for the Social Studies of Science (4S)

Society for Disability Studies

ACM Special Interest Group on Computer-Human Interaction (SIGCHI)

Updated August 2022