Megh Marathe

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Michigan State University   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

2022   MSU Consortium for Sexual and Gender Minority Health Faculty Seed Grant

2021   University of California President's Postdoctoral Fellowship

2020   Outstanding PhD Student Award, University of Michigan (UM) School of Information

2020   UM Institute for the Humanities Fellowship

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 Systems (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

2023   **M. Marathe**. Therapeutic value in the time of digital brainwaves. *Social Studies of Science* (in press).

2023   O. Haimson and **M. Marathe**. Uncovering personal histories: A technology-mediated approach to eliciting reflection on identity transitions. *ACM Transactions on Computer-Human Interaction (TOCHI)*.

2023   V. Kameswaran, V. Y, **M. Marathe**. Advocacy as access work: How people with visual impairments gain access to digital banking in India. *Proceedings of the ACM on Human-Computer Interaction (CSCW)*.

2023   E. Ankrah, **M. Marathe**, A. Bhattacharya, A. Ritt Olson, J. Milam, L. Torno, and G. Hayes. Plan for tomorrow: The experience of adolescent and young adult childhood cancer survivors as they transition to adult care. *PACMHCI (CSCW)*.

2022   S. Heung, M. Phutane, S. Azenkot, **M. Marathe,*** and A. Vashistha.* Nothing micro about it: Examining ableist microaggressions on social media. *ACM Conference on Computers and Accessibility (ASSETS)*.
       * indicates **equal senior authorship**.

2021   **M. Marathe** and K. Toyama. The situated, relational, and evolving nature of epilepsy diagnosis. *PACMHCI (CSCW)*.

2021   **M. Marathe**, Y. Yi, C. Su, T. Chang, G. Marcu. Tedious versus taxing: The nature of work in a behavioral health context. *PACMHCI (CSCW)*.

2020   **M. Marathe**. Seizure aesthetics: Temporal regimes and medical technology in epilepsy diagnosis. *Time and Society*, 29 (2), 420–443.

2020   **M. Marathe** and P. Chandra. Officers never type: Examining the persistence of paper in e-governance. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*.

2018   **M. Marathe** and K. Toyama. Semi-automated coding for qualitative research: A user-centered inquiry and initial prototypes. *CHI*. **Best paper award.**

2016   **M. Marathe**, J. O'Neill, P. Pain, and W. Thies. ICT-enabled grievance redressal in central India: A comparative analysis. *International Conference on Information and Communication Technologies and Development (ICTD)*.

2015   **M. Marathe**, J. O'Neill, P. Pain, and W. Thies. Revisiting CGNet Swara and its impact in rural India. *ICTD*.

2010   **M. Marathe** and G. Hirst. Lexical chains using distributional measures of semantic distance. *Computational Linguistics and Intelligent Text Processing (CICLing)*.

Peer-Reviewed Short Publications

2023   D. Reece and **M. Marathe**. Examining race in healthcare-focused HCI research. ACM Conference on Computer Supported Cooperative Work and Social Computing *(CSCW)*.

2023   R. Soden, D. Ribes, S. Avle, S. Fox, P. Sengers, S. Paudel, **M. Marathe**. Historicism in/as CSCW method: Research, sensibilities, and design. *CSCW*.

2021	A. Moitra, **M. Marathe**, S. I. Ahmed, P. Chandra. Negotiating intersectional non-normative queer identities in India. *CHI.*
2016	**M. Marathe**, P. Chandra, V. Kameswaran, T. Kano, S. I. Ahmed. In search of missing pieces: Re-examining trends in ICTD research. *ICTD.*
2014	K. D'Silva, **M. Marathe**, A. Vashistha, G. Borriello, and W. Thies. A mobile application for interactive voice forums: Design and pilot deployment in rural India. *ACM Symposium on Computing for Development (ACM DEV).*

Editor-Reviewed Publications

2023	S. Bødker, S. Fox, N. Lalone, **M. Marathe**, and R. Soden. (Re)Connecting History to the Theory and Praxis of HCI. *TOCHI.*
2022	**M. Marathe**. Technology in medical anthropology. *Medical Anthropology Quarterly*.
2019	**M. Marathe**. Staging seizure: Chronic contingency in epilepsy diagnosis. *Somatosphere.*

Selected Peer-Reviewed Conference Presentations and Abstracts

2023	**M. Marathe**. Navigating unequal healthcare infrastructures: Patient work in epilepsy diagnosis. *Society for the Social Studies of Science (4S).*
2023	**M. Marathe**. Invisibility, inequality, and expertise in epilepsy diagnosis. *International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB).*
2023	A. Hoffman-Peterson, **M. Marathe**, K. Sawant, R. Hamasha, A. Kang, M. Ackerman, A. Flynn, and J. Platt. Advancing maturity modeling for precision oncology. *American Medical Informatics Association (AMIA) 2023 Informatics Summit.*
2022	d. elliott, T. Mahfoud, and **M. Marathe**. Cerebral Frictions. Panel organized at *4S.*
2021	**M. Marathe**. The making of seizure. *Society for Disability Studies.*
2021	**M. Marathe**. Big data in medicine: The case of epilepsy. *4S.*
2020	**M. Marathe**, R. Derry, K. Toyama, and S. Joshi. Adding nuance to "zero seizures and zero side effects." *American Epilepsy Society.*
2020	**M. Marathe**. Seizure aesthetics: Temporal regimes and medical technology. *4S.*
2019	**M. Marathe**. Staging seizure in epilepsy diagnosis. *Society for Disability Studies.*
2019	**M. Marathe**. On the social temporality of epileptic seizures. *Canadian Disability Studies Association.*
2019	**M. Marathe**. Clock time, aesthetics, and temporal design in epilepsy diagnosis. *4S.*
2019	**M. Marathe**. Imagining crip self and time through the epileptic seizure. *Nordic Network on Disability Research.*
2019	**M. Marathe**. History as point of departure: Chronic contingency in epilepsy diagnosis. Fostering Historical Research workshop at *CSCW.*
2018	**M. Marathe**. Theorizing time during the epileptic seizure. *Temporal Belongings Conference.*
2017	**M. Marathe**. Examining the persistence of paper in electronic grievance redress in Madhya Pradesh. *Annual Conference on South Asia.*

Manuscripts in Submission

2023   **M. Marathe**. Differential pace: Accounting for the unequal effects of healthcare infrastructures. Under review.

2023   A. Hoffman-Peterson, **M. Marathe**, K. Sawant, R. Hamasha, A. Kang, M. Ackerman, A. Flynn, and J. Platt. Advancing maturity modeling for precision oncology. Under review.

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

2023   Inclusive Sociotechnical Systems: Classification, Expertise, and Inequality
University of Toronto Faculty of Information
UC Santa Cruz Computational Media Seminar

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

MEDIA COVERAGE

2022 Online microaggressions strongly impact disabled users. Cornell Chronicle. [link].

2022 Creating Safer Learning Spaces: Ableist Microaggressions in Online Classrooms. Babb Group. [link].

2021 UCI's Department of Informatics Makes New Strides in Epilepsy Patient Care. New University. [link].

TEACHING EXPERIENCE

Michigan State University

Health, Technology & Society (graduate seminar) - Fall 2022, Fall 2023

Disability, Classification, and Technology (guest lecture) - Spring 2022

University of Michigan

Sociotechnical Insights for Clinical Informatics (guest lecture) - Fall 2020

Programming I, II, III (graduate requirement) - Winter 2017, Fall 2017, Fall 2018

Contextual Inquiry and Consulting Foundations (graduate requirement) - Fall 2016

University of Toronto

Introduction to Databases (undergraduate requirement) - Winter 2008, Fall 2008, Winter 2009

Mathematical Expression and Reasoning (undergraduate requirement) - Fall 2007

SERVICE

Peer Review

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

Service to Field

Associate Chair (Associate Editor), CHI 2024, Understanding People Subcommittee

Invited Panelist, Trans/Queer in HCI Career Advice Panel, 2023

Associate Chair (Associate Editor), DIS 2023, Critical Computing and Design Subcommittee

Guest Editor, TOCHI, Special Issue on History and HCI, 2021–23

Program Committee, Society for Disability Studies Annual Meeting 2021

Associate Chair (Associate Editor), CHI 2020, Late Breaking Work

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

Registration Chair, ICTD 2019

Regular Contributor, Somatosphere

Departmental/University Service

Annual Review Committee, MSU Department of Media & Information, 2023–24

Ethics Seminar, MSU Psychiatry Residency Program, 2022

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)

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

Society for Disability Studies

Updated September 2023