

Ashley Marie Walker

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EDUCATION

Doctor of Philosophy in Media, Technology, and Society (expected: June 2020)

Northwestern University

Advisor: Madhu Reddy

People, Information, and Technology Changing Healthcare (PITCH) Lab

Dissertation: *Disruption, Technology & Time: Supporting Response to the Maternal Mortality Crisis*

Master of Science in Information

May 2015

University of Michigan, Ann Arbor

GPA: 3.98

Thesis: *Infrastructure as Community Support: Lessons from the Evolution of Online Platforms*

Bachelor of Arts in the History of Art and Visual Culture

Aug 2009

University of California, Santa Cruz

GPA: 3.52

Thesis: *Fame and Femininity: Female Artists and Performing a Feminist Identity*

CERTIFICATES

Management for Scientists and Engineers

Aug 2019

Kellogg School of Business, Northwestern University

RESEARCH

Public Health

Navigating Power Differentials in Collaborating with the Public Health System

Role: primary investigator

Designed an asynchronous online focus group with 40 doulas, midwives, reproductive justice advocates, and community health workers to better understand how these professionals navigate power dynamics in their professional collaborations and how the increased use of information and communication technologies has changed their professional practice.

Public Health Experts and Collaborations to Address the Rise in Maternal Mortality

Role: primary investigator

Conducted a semi-structured interview study with 12 public health experts working on different aspects of maternal mortality in the US. Interviews focused on choices around who experts choose to collaborate with, how they maintain these collaborations, and how these choices may exacerbate systemic issues in maternal health.

Online LGBTQ+

Participatory Design to Elicit LGBTQ+ Community Values for Online Spaces

Role: collaborative project, methodology lead

Developed an online method for participatory design to elicit values for constructing online communities with a group of 40 LGBTQ+ people of varying across age, gender, orientation, and geography within the US. Analysis includes surfacing the tensions in developing online community spaces for marginalized groups as well as possible solutions.

Intragroup Stigma in Supportive Online Spaces

Role: collaborative project, co-investigator

Constructed and carried out a study with 25 individuals who self-identify as attracted to more than one gender. Study consisted of an eight-week long online focus group and follow up interviews with participants from diverse backgrounds. Analysis includes discussion of the sociotechnical components of online spaces contribute to discrimination within already stigmatized groups.

LGBTQ+ Self-Presentation in Multiplatform Environments

Role: collaborative project, co-investigator

Devised and implemented a study with 20 LGBTQ+ users of social media, which included a cognitive mapping and interview component. Analysis includes insights into the factors that

impact how people make decisions about the presentation of stigmatized identities across different social media platforms and audience management strategies.

Clinical

Enhancing Central Telemetry to Floor Communication

Role: collaborative project, qualitative data lead

Planned and executed semi-structured interviews with clinicians and clinical staff members to better understand communication breakdowns surrounding the deployment of a new cardiac telemetry unit. Analysis included investigating the role of organizational culture and power dynamics on deployment of new technical infrastructure.

Communication Ecosystems in Hospital Settings

Role: collaborative project, qualitative data lead

Collected and analyzed data relating to how hospital-based physicians view the transition between pagers to smartphones as primary communication infrastructure. Developing a conceptual understanding of communication ecosystems in hospitals and how this may aid in understanding changes to this ecosystem.

Other

Privacy: Learning and Limitations

Role: collaborative project, analysis lead

Evaluated data from multiple sources, including surveys and focus groups to understand how people construct mental models about privacy online and adopt privacy protecting behaviors. Additional analysis conducted determining that privacy concerns are correlated with people who choose not to use the Internet.

MAGAZINE ARTICLES

Ashley Marie Walker, Yaxing Yao, Christine Geeng, Roberto Hoyle, and Pamela Wisniewski.

2019. Moving beyond “one size fits all”: research considerations for working with vulnerable populations. *interactions* 26, 6 (October 2019), 34–39.

GRANTS

Institute for Sexual and Gender Minority Health and Wellbeing, *Travel Grant*

Award Amount: \$400

Competitive travel grant awarded by the Social Media Working Group associated with ISGMH to fund travel related to present work on gender and sexual minority health and wellbeing. Funding awarded to support presentation of work related to minority stress and intracommunity stigma in online LGBTQ+ spaces.

Sexualities Project at Northwestern, *Travel Grant*

Award Amount: \$500

Competitive travel grant awarded to doctoral students to fund travel to present work related to gender and sexualities studies. Maximum funding amount awarded for presentation of work on intracommunity stigma in online LGBTQ+ spaces.

Sexualities Project at Northwestern, *Research Grant*

Award Amount: \$7,500

Research grant awarded for being the first graduate student to facilitate the application-only SPAN reading group. Competitive application process including developing a reading list on interdisciplinary perspectives on intersectionality. Reading group included both faculty and graduate student participants from across Northwestern.

Sexualities Project at Northwestern, *Summer 2019 Research Award*

Award Amount: \$2,500

Summer research grant awarded to select doctoral students led projects to fund work related to sexual orientation and/or sexuality. Maximum funding amount awarded for a collaborative participatory design study working with LGBTQ+ community to surface community values for designing online community spaces.

Sexualities Project at Northwestern, *Travel Grant*

Award Amount: \$500

Competitive travel grant awarded to doctoral students to fund travel to present work related to gender and sexualities studies. Maximum funding amount awarded for presentation of work on how LGBTQ+ people navigate self-presentation in a multiplatform environment.

Sexualities Project at Northwestern, Summer 2018 Research Award

Award Amount: \$2,500

Summer research grant awarded to selected doctoral student led projects to fund work related to sexual orientation and/or sexuality. Maximum funding amount awarded for a collaborative study on how the sociotechnical attributes of online spaces impact intragroup stigma and relationships in the LGBTQ+ community.

Sexualities Project at Northwestern, Summer 2017 Research Award

Award Amount: \$2,500

Summer research grant awarded to selected doctoral student led projects to fund work related to sexual orientation and/or sexuality. Maximum funding amount awarded for a collaborative study on how LGBTQ+ people navigate self-presentation in a multiplatform environment.

PAPERS

Walker, A.M., and DeVito, M.A. (2020). "More Gay Fits In Better": Intra-community Power Dynamics and Harms in Online Spaces. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems*, ACM, Honolulu, HI. 10 pages.

DeVito, M.A., **Walker, A.M.**, and Birnholtz, J. (2018). "Too Gay for Facebook": Presenting LGBTQ+ Identity Throughout the Personal Social Media Ecosystem. In *Proceedings of the ACM on Human-Computer Interaction*, Vol. 2, CSCW, Article 44 (November 2018). ACM, New York, NY. 23 pages.

O'Leary, J., Liebovitz, M., Wu, C., Knoten, C., **Walker, A.M.**, & Reddy, M.C. (2017). Hospital-Based Clinicians' Use of Technology for Patient Care-Related Communication: A National Survey. *Journal of Hospital Medicine*, 12(7), 530-535.

CONFERENCES

consortia

Ashley Marie Walker (November, 2018). Disruption, Technology, and Time: Supporting Response to the Maternal Mortality Crisis. Doctoral Colloquium at CSCW 2018, Newark, NJ.

presentations

Ashley Marie Walker, Michael A. DeVito (May, 2019). Stigma in Supportive Spaces: Supporting Bi+ and Nonbinary Identity. Presentation at "Stress and Stigma" session. Presented at National LGBTQ Health Conference 2019, Atlanta, GA.

workshops:
organized

Michael A. DeVito, **Ashley Marie Walker**, Jeremy Birnholtz, Kathryn E. Ringland, Sean Munson, Calvin Liang, Kathryn Macapagal, Ashley Kraus, Herman Saksono (November, 2019). *Social Technologies for Digital Wellbeing among Marginalized Communities*. Workshop, CSCW Conference, Austin, TX.

special interest
groups:
organized

Ashley Marie Walker, Michael A. DeVito, Juan Fernando Maestre, Katie A. Siek, Cassie Kresnye, Ben Jelen, Patrick C. Shih, Maria Wolters, Mona Alqassim (May, 2019). *ARC: Moving the Method Forward*. Special Interest Group at CHI Conference 2019, Glasgow, UK.

Katta Spiel, Os Keyes, **Ashley Marie Walker**, Michael A. DeVito, Jeremy Birnholtz, Emeline Brulé, Ann Light, Pinar Barlas, Jean Hardy, Alex Ahmed, Jennifer Rode, Jed R. Brubaker, Gopinaath Kannabiran, (May, 2019). *Queer(ing) HCI: Moving Forward in Theory and Practice*. Special Interest Group at CHI Conference 2019, Glasgow, UK

workshops:
attended

Ashley Marie Walker, Michael A. DeVito (May, 2019). Stigma in Supportive Spaces Online: Special Challenges for Well-being. Presentation at "Designing for Digital Wellbeing: A Research and Practice Agenda." Invited workshop, CHI Conference 2019, Glasgow, UK.

Ashley Marie Walker (July, 2018). Temporality and Articulation Work in Crisis Response. Invited workshop, Newark Barnraising and Crisis Convening Newark, NJ.

Ashley Marie Walker (April, 2018). A Social Ecological Model of Privacy. Presentation at "Individual Approaches to Networked Privacy." Invited workshop, CHI Conference 2018, Montreal, QC.

Ashley Marie Walker (May, 2017). Temporality and Crisis: Time as a lens and what it changes. Presentation at "Grand Challenges for HCI-Crisis Informatics Researchers." Invited workshop, CHI Conference 2017, Boulder, CO.

posters

Ashley Marie Walker, Kathryn E. Ringland, Michael A. DeVito, Madhu Reddy (November, 2019). (In)visible Choices: Articulation Work and the Rise in US Maternal Mortality. Poster presented at CSCW conference 2019, Austin, TX.

Ashley Marie Walker, Florence Lee, Steve Lonn, (March 2015). Scaffolds: Experimenting with student-driven open badging in an iSchool context. Poster presented at iConference 2015, Newport Beach, CA.

GUEST LECTUERS

"US Health Care System and Insurance: Understanding the Financial Underpinnings of Health IT" (May, 2019). Lecture in undergraduate health IT class. Invited by Kathryn E. Ringland.

"Children's Use of Social Technologies at Different Ages" (February, 2018). Lecture in undergraduate children's media and culture class. Invited by Ellen Wartella.

"Qualitative Methods and Analysis" (January, 2019). Co-lecture with Michael A. DeVito, Jes Feuston in graduate qualitative methods class. Invited by Anne Marie Piper.

"Privacy Paradox and Individual Contexts" (November, 2015). Lecture in undergraduate social media class. Invited by Ezster Hargittai.

SERVICE

interpersonal

Digital Media Module, Graduate Student Fellow 2018-2020

Served as mentor to undergraduates in the School of Communication Digital Media Module. Activities include organizing events for module students, giving feedback on research and job materials, and serving as a reviewer for senior capstone projects for the module.

department

InfoSocial 2017, Program Co-chair

Evaluated submissions to InfoSocial 2017, a graduate student-run conference at the intersection of people, information, and technology. Organized review process for submissions, including at least two peer reviews for every piece submitted. Assisted with coordinating day-of logistics for 50 attendees, including presenters from out of state.

Graduate Student Advisory Board, Community and Culture Committee Chair

Established graduate student advisory board to encourage student participation in planning and directing events for the Media, Technology, and Society, and Technology and Social Behavior programs. Assisted the progress of continued meetings with the advisory board and the directors of the relevant programs.

Media, Technology, & Society Visit Weekend, Graduate Student Coordinator

Coordinated with department staff and faculty to arrange the visit weekend for prospective PhD students. Facilitated events connecting prospective students with current students, including student-led Q&A sessions and a cross-program dinner.

Ann Arbor Data Dive, Coordinating Team

Spearheaded a year-long series of events designed to promote data literacy in the community, the largest of which is a two-day skill share event that brings together students, community members and nonprofits to work with data in context.

Scaffolds, Graduate Coordinator

Co-founded a program designed to increase peer-to-peer mentorship and co-curricular engagement through an open badging project at University of Michigan, School of Information.

reviewing

CSCW reviewer, 2017, 2018, 2019
CHI reviewer, 2019

external

Institute for Sexual and Gender Minority Health & Wellbeing, Working Group Member

Member of a working group in collaboration with the Medical Social Sciences Department in the Feinberg School of Medicine focused on better understanding the role of social technologies in the health and wellbeing of gender and sexual minorities.

Chicago Bisexual Health Taskforce, Member

Member of a taskforce committed to improve the lives of bisexual+ Chicagoans by mobilizing communities, engaging in research, advocacy, and education, and supporting the development and implementation of policies and programs. Co-facilitated a community engagement event for priority and goal setting for the group including a wide range of stakeholders.

FemTechNet Network Gathering @AMC, Co-facilitator

Developed day long programming focused on interrogating intersections between feminist theory and technological practice. Worked with collaborators to foster conversation and an inclusive environment for diverse participants. Organized day-of logistics, including supplies and time management.

Student Health Outreach and Promotion, Peer Counselor

Worked with students one-on-one and in groups discussing sensitive issues such as health, identity politics, and relationships at University of California, Santa Cruz.

WORK
EXPERIENCE

Northwestern School of Professional Studies, Curriculum Development May 2018 – Sep 2018

Chicago, IL

Developed a syllabus for two project-based learning classes to teach continuing education students with no technical background introduction to Python programming language, including accessing publicly available datasets, data cleaning, and basic data analysis and introduction to R, with emphasis on statistical analysis and documentation through R Markdown.

PITCH Lab, Lab Manager

Jan 2017 – Jul 2017

Evanston, IL

Arranged lab meetings and individual meetings, developed weekly agendas, notetaking procedures, and rotating responsibilities for lab members. Organized documentation practices and archival practices to facilitate collaboration across lab projects

FemTechNet, Senior Project Manager

May 2014 – Sep 2017

Ann Arbor, MI

Redesigned the FemTechNet website, including updating the information architecture, moving to a new platform, and increasing functionality. Coordinated the activities of 13 different committees working towards developing new feminist digital pedagogies. Cultivated a plan to increase communication and mentorship efforts between participants in the 21 nodes of the network, nationally and internationally.

3 Waters Technical Services, Data Manager

Solana Beach, CA

Sep 2009 – Aug 2010, Sep 2011 – Aug 2013

Digitized blueprints and other paper documentation from city records for use in building system models. Furthered data management and integration plan for projects in 13 different municipalities in Southern California. Assembled models of sanitary sewer flow for use in future planning of budget and infrastructure needs

Egis International Inc., Project Analyst

Cuttack, India

Mar 2011 - Aug 2011

Analyzed rainfall data for a 19-year period for use in generating hydrological flows to input into the PCSWMM hydraulic model. Co-authored cost estimate information for drainage project construction purposes. Coordinated communications with local government agencies, including status update meetings and budget proposals in Cuttack, Orissa, India

The Public Interest Network, Project Manager

Chicago, IL

Sep 2010 - Feb 2011

Managed the PIRG New Voter's Project, a non-partisan effort to increase voter participation. Supervised and scheduled a data entry team of 20 logging of 50,000 voter registration forms to comply with grant standards. Collaborated on a social networking campaign to promote voter engagement in 23 states. Tracked grant requirements and project spending in 8 states

National Museum of Scotland, Program Assistant

Edinburgh, Scotland

Sep 2008 - Jun 2009

Maintained the database of artwork used for the 2009 "Homecoming Scotland" event that generated an additional 72,000 visitors to Scotland in 2009 and 2010. Successfully directed the arrival of over 50 pieces of artwork from around Scotland. Oversaw the planning and execution of fundraising events that raised over \$100,000 for "Homecoming Scotland"

TEACHING
EXPERIENCE

Teaching Assistant

Spring 2017, 2018

COMM 344: Interpersonal Conflict
Instructor: Michael Roloff
Northwestern University

Teaching Assistant

Winter 2018

HLT COMM 455: Human Computer Interaction
Instructor: Jordan Eschler
Northwestern University

Teaching Assistant

Winter 2018

COMM 390: Children's Culture
Instructor: Ellen Wartella
Northwestern University

Teaching Assistant

Fall 2017

COMM 250: Teamwork & Leadership
Instructor: Leslie DeChurch
Northwestern University

Teaching Assistant

Fall 2016

COMM 363: Bargaining and Negotiation
Instructor: Michael Roloff
Northwestern University

Graduate Student Instructor

Fall 2014

SI 310: Information and Work Environments
Instructor: John Leslie King
University of Michigan, School of Information
