CAITIE LUSTIG

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EDUCATION

University of Washington
Seattle, Washington
PhD in Human Centered Design and Engineering (ABD)
Advisor: Prof. Daniela Rosner

University of California, Irvine
Irvine, California
MS in Informatics, 2018
Thesis: "Algorithmic Authority of the Bitcoin Blockchain"
Advisors: Prof. Bonnie Nardi and Prof. Geoffrey Bowker

University of Washington
Seattle, Washington
BS in Computer Engineering, Hardware Track, 2008

PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

1. **Caitlin Lustig**, Maya A Kaneko*, Meghna Gupta*, Kavita Dattani*, Audrey Desjardins, and Daniela Rosner. "Porous By Design: How Childcare Platforms Impact Worker Personhood, Safety, and Connection". Conference on Designing Interactive Systems. ACM, 2024. 🏆 BEST PAPER

2. Maya A Kaneko, **Caitlin** Lustig, Daniela Rosner, and Audrey Desjardins. "Care Layering: Complicating Design Patterns". Conference on Designing Interactive Systems. ACM, 2024.

3. Rebecca Michelson, **Caitlin Lustig**, Daniela Rosner, Josephine Hoy, and Dorothy R Santos. "Worlding with Tarot: Design, Divination, and the Technological Imagination". Conference on Designing Interactive Systems. ACM, 2024.

4. Varoon Mathur, **Caitlin Lustig**, and Elizabeth Kaziunas. "Disordering Datasets: Sociotechnical Misalignments in AI-Mediated Behavioral Health". Conference on Computer Supported Cooperative Work and Social Computing. ACM, 2022.

5. **Caitlin Lustig** and Daniela Rosner. "From Explainability to Ineffability? ML Tarot and the Possibility of Inspiriting Design". Conference on Designing Interactive Systems. ACM, 2022.

6. Gabrielle Benabdallah, Ashten Alexander, Sourojit Ghosh, Chariell Glogovac-Smith, Lacey Jacoby, **Caitlin Lustig**, Anh Nguyen, Anna Parkhurst, Kathryn Reyes, Neilly H. Tan, Edward Wolcher, Afroditi Psarra, and Daniela Rosner. "Slanted Speculation: Material Encounters with Algorithmic Bias". Conference on Designing Interactive Systems. ACM, 2022.

7. **Caitlin Lustig**, Artie Konrad, and Jed Brubaker. "Designing for the Bittersweet: Improving Sensitive Experiences with Recommender Systems". CHI Conference on Human Factors in Computing Systems. 2022. 🏆 BEST PAPER

8. **Caitlin Lustig**, Sean Rintel, Liane Scult, and Siddharth Suri. "Stuck in the middle with you: The transaction costs of corporate employees hiring freelancers". Conference on Computer Supported Cooperative Work and Social Computing. ACM, 2020.

9. Morgan Klaus Scheuerman, Kandrea Wade, **Caitlin Lustig**, and Jed Brubaker. "How We've Taught Algorithms to See Identity: Constructing Race and Gender in Image Databases for Facial Analysis". Conference on Computer Supported Cooperative Work and Social Computing. ACM, 2020. 🏆 BEST PAPER

10. **Caitlin Lustig.** "Intersecting Imaginaries: Visions of Decentralized Autonomous Systems." Conference on Computer Supported Cooperative Work and Social Computing Companion. ACM, 2019.

11. Jaime Snyder, Elizabeth Murnane, **Caitie Lustig**, and Stephen Voida. "Visually Encoding the Lived Experience of Bipolar Disorder." CHI Conference on Human Factors in Computing Systems. ACM, 2019.

12. Yong Ming Kow and **Caitlin Lustig**. "Imaginaries and Crystallization Processes in Bitcoin Infrastructuring." Journal of Computer Supported Cooperative Work (JCSCW). 2018.

13. **Caitlin Lustig** and Bonnie Nardi. "Algorithmic Authority: The Case of Bitcoin". Proceedings of HICSS-48. Kauai, HI: IEEE Computer Society. January 5-8, 2015.

14. Ruth E. Anderson, Waylon Brunette, Erica Johnson, **Caitlin Lustig**, Anthony Poon, Cynthia Putnam, Odina Salihbaeva, Beth E. Kolko, and Gaetano

Borriello. "Experiences with a Transportation Information System that Uses Only GPS and SMS". ICTD 2010 at Royal Holloway, University of London. December, 2010.

15. Ruth E. Anderson, Anthony Poon, **Caitlin Lustig,** Waylon Brunette, Gaetano Borriello and Beth E. Kolko. "Building a Transportation Information System Using Only GPS and Basic SMS Infrastructure". ICTD 2009 at Carnegie Mellon Qatar. April, 2009.

E X T E N D E D   A B S T R A C T S

1. Michael Ann DeVito, **Caitlin Lustig**, Ellen Simpson, Kimberley R. Allison, Tya Chuanromanee, Katta Spiel, Amy J. Ko, Jennifer Rode, Brianna Dym, Michael Muller, Morgan Scheuerman, Ashley Walker. SIG: "Queer in HCI: Strengthening the Community of LGBTQIA+ Researchers and Research". In Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems, 2021.

2. Michael Ann DeVito, Ashley Marie Walker, **Caitlin Lustig**, Amy J. Ko, Katta Spiel, Alex A. Ahmed, Kimberley Allison, Morgan Scheuerman, Brianna Dym, Jed R. Brubaker, Ellen Simpson, Naveen Bagalkot, Noopur Raval, Michael Muller, Jennifer Rode, Mary L. Gray. SIG: "Queer in HCI: Supporting LGBTQIA+ Researchers and Research Across Domains". In Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems, 2020.

3. Chris Elsden, Bettina Nissen, Karim Jabbar, Reem Talhouk, **Caitlin Lustig**, Paul Dunphy, Chris Speed, and John Vines. "HCI for Blockchain: Studying, Designing, Critiquing and Envisioning Distributed Ledger Technologies." In Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems, 2018.

4. **Caitlin Lustig**, Katie Pine, Bonnie Nardi, Lilly Irani, Min Kyung Lee, Dawn Nafus, and Christian Sandvig. "Algorithmic Authority: the Ethics, Politics, and Economics of Algorithms that Interpret, Decide, and Manage". Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems.

5. Susann Wagenknecht, Min Kyung Lee, **Caitlin Lustig**, Jacki O'Neill, and Himanshu Zade. "Algorithms at Work: Empirical Diversity, Analytic Vocabularies, Design Implications". Proceedings of the 19th ACM Conference on Computer Supported Cooperative Work and Social Computing Companion. ACM, 2016.

WORKSHOP AND NON-ARCHIVAL PAPERS

1. **Caitlin Lustig**, Ridley Jones, Josephine Hoy, Negin Alimohammadi, and Charlotte P. Lee. "Resilience and the Rapid Shift to Remote Working at a University: Emerging Questions". The New Future of Work Symposium, 2020.

2. Nicholas Proferes, Alissa Centivany, **Caitlin Lustig**, and Jed Brubaker. Workshop proposal: "Studying User Perceptions and Experiences with Algorithms". International AAAI Conference on Web and Social Media (ICWSM) 2017.

3. Jed R. Brubaker, **Caitlin Lustig**, Gillian R. Hayes. "PatientsLikeMe: Empowerment and Representation in a Patient-Centered Social Network". CSCW Research in Healthcare: Past, Present, and Future CSCW 2010 workshop.

4. **Caitlin Lustig**, Hristo Novatchkov, Lucy Dunne, Mike McHugh and Lorcan Coyle. "Using Colocation to Support Human Memory". MeMos 2007: Supporting Human Memory with Interactive Systems. Workshop at the 2007 British HCI International Conference. 2007.

5. **Caitlin Lustig** and Lorcan Coyle. "Reminding Short-Term Memory Sufferers to Complete Routine Tasks". University College Dublin. UCDCSI Technical Report 2007-10. 2007.

OTHER PUBLICATIONS

1. **Caitlin Lustig** and Hong-An (Ann) Wu. "Tarot as a Technology of Care: A Conversation with Hong-An (Ann) Wu". ACM Interactions. 2022.

2. Josephine Hoy, **Caitlin Lustig**, and Daniela Rosner. Book review of *Failure* by Arjun Appadurai and Neta Alexander. New Media & Society. 2022.

3. Elizabeth Murnane, **Caitie Lustig**, Tara Walker, Beck Tench, Stephen Voida, and Jaime Snyder. "Personal Informatics in Interpersonal Contexts: Towards the Design of Technology that Supports the Social Ecologies of Long-Term Mental Health Management". Medium.com 2019.

INVITED PRESENTATIONS

1. *Poster at the NSF's Future of Work at the Human-Technology Frontier (FW-HTF) PI meeting*: "The Future of Equitable Child Care Technologies" (2023)

2. *Invited presenter* for the Microsoft Future of Work Summit: "Benefits of and concerns about the gig economy for FTEs" (2019)

3. *Invited presenter* at the Consortium for the Science of Sociotechnical Systems (CSST): "Theorizing Algorithms as Boundary Objects"; panel member "Algorithms and Their Consequences" (2018)

4. *Invited presenter* at Data & Society: Governance through Protocol: Scaling Bitcoin (2017)

5. *Presenter and organizer* for the "Writing and Publishing an Article in an Interdisciplinary Field", "Productivity Software: Methods and Applications for Time Management", "Popular Citation and Writing Software", and "Writing Your Way to a Focused Research Question" workshops at UCI's Graduate Resource Center, (2015-2016)

WORKSHOPS, PANELS, & CONSORTIUMS

ORGANIZING

1. *Organizer*: CHI 2021 Special Interest Group for Queer in HCI: Strengthening the Community of LGBTQIA+ Researchers and Research

2. *Organizer*: CHI 2020 Special Interest Group for Queer in HCI: Supporting LGBTQIA+ Researchers and Research Across Domains

3. *Organizer*: CHI 2018 workshop: HCI for Blockchain: Studying, Designing, Critiquing and Envisioning Distributed Ledger Technologies

4. *Organizer*: ICWSM 2017 workshop: Studying User Experiences and Experiences with Algorithms

5. *Organizer*: CSCW 2016 workshop: Algorithms at Work: Empirical Diversity, Analytic Vocabularies, Design Implications

6. *Lead organizer and moderator:* CHI 2016 panel: Algorithmic Authority: the Ethics, Politics, and Economics of Algorithms that Interpret, Decide, and Manage

PARTICIPATING

Making Trouble: Techniques for Queering AI and Data Systems, DIS 2024
Human Computer Interaction Consortium (HCIC), 2024

Future of Care Workshop, CSCW 2021

Consortium for the Science of Sociotechnical Systems (CSST), Summer Research Institute, 2016 & 2018

Hackademia Summer School, Lüneburg, Germany, 2016

iConference Doctoral Colloquium, 2016

T E A C H I N G

At the University of Washington

Developed and facilitated the A Critical Examination of Psychometrics in (Algorithmic) Hiring directed research group   Spring 2023

TA for Usability Studies (MS)   Winter 2023

Instructor for Qualitative Research Methods (MS)   Winter, Spring, Fall 2022

Developed and facilitated the Speculating Beyond Data Capitalism directed research group   Spring 2021

TA for Concepts in Human-Computer Interaction (BS)   Spring 2020

At the University of California Irvine

Writing Consultant for UCI's Graduate Resource Center   2015-207

TA for "Operating Systems", "How Computers Work", "Human-Computer Interaction", "Games & Society", "Technical   2009-2015 Communication", "The Future of Money" (BS)

I N T E R N S H I P S   &   R E S E A R C H   P O S I T I O N S

Intern at IBM Research, Responsible & Inclusive Technology   2023

Conducted multi-modal impact assessments of digital avatar technologies, including developing and moderating futuring workshops

Intern at IBM Research, Responsible & Inclusive Technology   2022

Conducted an interview study on researchers' perceptions of responsible language technologies, their values, and their mitigation techniques

Graduate Research Assistant for AI Now Institute, Algorithmic Care   2020-2021

Used situational analysis and "close readings" to analyze behavioral health datasets through a feminist and critical disabilities studies lens

Researcher at the University of Colorado Boulder   2019

Interviewed Facebook Memories users to understand their experiences with emotionally sensitive content, such as seeing a picture of a now deceased loved one

Joint intern with Microsoft Research and Microsoft Corporation   2019

Interviewed clients of the freelance economy to understand the benefits, concerns, and ethical tensions that they experienced

A W A R D S

DIS 2024 best paper award

CHI 2022 best paper award

CSCW 2020 best paper award

CSCW 2020 award for Contributions to Diversity & Inclusion

G R A N T S

Harry Bridges Center for Labor Studies graduate labor research grant 2023

HCDE PhD Research Grant in 2022 and 2023

iConference 2016 doctoral colloquium

S E R V I C E

Associate chair for DIS 2023 and DIS 2024 pictorials

Program committee member for FAccT 2023

Co-organizer for the Trans/Queer in HCI Mentoring Program, 2021-2024

Co-chair for Queer in HCI, 2020-2022

Associate Chair for CHI 2019 Workshops

Associate Chair for CHI 2017 Late Breaking Work

RESEARCH METHODS AND SKILLS

Ethnographic methods

Discourse analysis

Interviews

Literature reviews

Participant observation

Situational analysis

Survey design

Usability studies

Workshop moderation