

Stevie Chancellor, Ph.D.

Curriculum Vitae

Computer Science & Engineering
University of Minnesota - Twin Cities
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Research Areas: human-centered machine learning, social computing, human computer interaction, and its application to high-risk mental health behaviors.

Employment

- 2021 **University of Minnesota - Twin Cities.** Minneapolis, MN
Assistant Professor, Department of Computer Science & Engineering
- 2020 **Northwestern University.** Evanston, IL
CS + X Postdoctoral Fellow, Department of Computer Science (with Darren Gergle and Sara Sood)
- 2017 **Microsoft Research.** Redmond, WA
Research Intern. (with Scott Counts in the neXus Group)
- 2016 **Yahoo! Research.** San Francisco, CA
Intern Scientist (with Yannis Kalantidis in the Machine Learning/Computer Vision Group and D. Ayman Shamma)
- 2015 **Data Science for Social Good Atlanta.** Atlanta, GA
Research Intern (with Chris Le Dantec and Bistra Dilkina)

Education

- 2019 **Georgia Institute of Technology.** Atlanta, GA
Doctorate in Human-Centered Computing
Thesis: *Human-Centered Algorithms and Ethical Practices to Understand Deviant Mental Health Behaviors in Online Communities*
Advisor: Munmun De Choudhury
Committee: Amy Bruckman, Scott Counts, Eric Gilbert, Wanda Pratt
- 2014 **Georgetown University.** Washington, DC
Master of Arts (with Distinction) in Communication, Culture and Technology
Thesis: *Using Support Vector Machines to Distinguish Users with Touch Gesture Recognition*
Committee: Evan Barba (Advisor) and Yianna Volvides
- 2012 **University of Virginia.** Charlottesville, VA
Bachelor of Arts in Media Studies
Advisor: Siva Vaidhyanathan

Honors & Awards

- 2023 Impact Recognition, CSCW 2023 for [j8]
- 2023 Best Paper Honorable Mention, CSCW 2023 for [j8]
- 2022 Best Paper Honorable Mention, ICWSM for [c13]
- 2021 Special Reviewer Recognitions for Outstanding Reviews. CHI (2 x 2018; 2 x 2019; 2 x 2020; 3 x 2021, 1 x 2023; 2 x 2024)
- 2020 Reviewer Special Recognition, for CSCW (3 x 2020; 1 x 2023)
- 2019 Best Paper Honorable Mention, CSCW 2019 for [j1]
- 2018 Georgia Tech GVU Foley Scholar (\$5,000)
- 2018 Rising Stars in MIT EE/CS Workshop Participant (full funding)
- 2018 Best Reviewer Award (awarded to the top 20 reviewers), ICWSM 2018
- 2018 Best Paper Honorable Mention, CHI 2018 for [c7]
- 2018 CHI Doctoral Consortium Funding (\$1,100)
- 2017 Snap Inc. Research Fellowship (\$10,000)
- 2016 Georgia Tech GVU Foley Scholar Finalist
- 2016 Best Paper Honorable Mention, CSCW 2016 for [c3]
- 2016 Best Paper Honorable Mention, CSCW 2016 for [c2]
- 2014 Meritorious Medal for Outstanding Contributions by an Alumni
Washington Literary Society and Debating Union
- 2013 eBay Policy Scholars Fellowship (\$5,000)
- 2013 Full Student Scholarship for TPRC 41 Conference

Publications

Heavily Refereed Conference Proceedings¹

- [c18] Logan Stapleton, Sunniva Liu, Cindy Liu, Irene Hong, **Stevie Chancellor**, Robert Kraut, and Haiyi Zhu. "If This Person is Suicidal, What Do I Do?": Designing to Help Online Volunteers Respond to Suicidality. Accepted and forthcoming at CHI 2024.
- [c17] Ashlee Milton, Juan Fernando Maestre, Rebecca Umbach, Abhishek Roy, and **Stevie Chancellor**. Seeking in Cycles: How Users Leverage Personal Information Ecosystems to Find Mental Health Information. Accepted and forthcoming at CHI 2024.
- [c16] Leah Ajmani*, **Stevie Chancellor***, Bijal Mehta, Michael Zimmer, Casey Fiesler, and Munmun De Choudhury. (2023). A Context Exercise for Ethical Practices in Mental Health Prediction Models. In *FACCT '23: Proceedings of the 2023 ACM Conference on Fairness, Accountability, and Transparency* (*joint first authors). [24.6%]
- [c15] Hanlin Li, Nicholas Vincent, Max Cohen, **Stevie Chancellor**, and Brent Hecht. (2023). The Dimensions of Data Labor: A Road Map for Researchers, Activists, and Policymakers to Balance Power in Tech. In *FACCT '23: Proceedings of the 2023 ACM Conference on Fairness, Accountability, and Transparency*. [24.6%]
- [c14] Ashlee Milton, Leah Ajmani, Michael Ann DeVito, and **Stevie Chancellor**. (2023). "I see me here": TikTok's Permeable Mental Health Communities. In *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems*. [27.6%]

¹Note: Peer-reviewed conferences are top-tier publication venues in HCI and computer science. They are highly selective, extensively reviewed, and intended for archival papers only. When available, the acceptance rate is included.

- [c13] Hanlin Li, Brent Hecht, and **Stevie Chancellor**. (2022). Measuring the monetary value of online volunteer work. In *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM)*. [20%] **Best Paper Honorable Mention.**
- [c12] Hanlin Li, Brent Hecht, and **Stevie Chancellor**. (2022). All That’s Happening Behind the Scenes: Putting the Spotlight on Volunteer Moderator Labor in Reddit. In *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM)*. [20%]
- [c11] Nick Vincent, Hanlin Li, Nicole Tilly, **Stevie Chancellor**, and Brent Hecht. (2021). Data Leverage: A Framework for Empowering the Public in its Relationship with Technology Companies. In *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency (FAccT)*. [24.6%]
- [c10] **Stevie Chancellor**, George Nitzburg, Andrea Hu, Francisco Zampieri, and Munmun De Choudhury. (2019). Discovering Alternative Treatments for Opioid Use Recovery in Social Media. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems*. [23.8%]
- [c9] **Stevie Chancellor**, Michael Birnbaum, Eric Caine, Vince Silenzio, and Munmun De Choudhury. (2019). A Taxonomy of Ethical Tensions in Inferring Mental Health States from Social Media. In *Proceedings of the ACM Fairness, Accountability, and Transparency (FAT*) Conference*. [25%]
- [c8] **Stevie Chancellor**, Andrea Hu, and Munmun De Choudhury. (2018). Norms Matter: Contrasting Social Support Around Behavior Change in Online Weight Loss Communities. In *Proceedings of 2018 CHI Conference on Human Factors in Computing Systems*. [25%]
- [c7] **Stevie Chancellor** and Scott Counts. (2018). Measuring Employment Demand Using Internet Search Data. In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems (CHI)*. [25%] **Best Paper Honorable Mention.**
- [c6] **Stevie Chancellor**, Yannis Kalantidis, Jessica Pater, Munmun De Choudhury, and D. Ayman Shamma. (2017). Multimodal Classification of Moderated Pro-Eating Disorder Content. In *Proceedings of 2017 CHI Conference on Human Factors in Computing Systems*. [25%]
- [c5] **Stevie Chancellor**, Zhiyuan (Jerry) Lin, and Munmun De Choudhury. (2016). “This Post Will Just Get Taken Down”: Characterizing Removed Pro-Eating Disorder Social Media Content. In *Proceedings of 2016 CHI Conference on Human Factors in Computing Systems*. [23.4%]
- [c4] **Stevie Chancellor**, Tanushree Mitra, and Munmun De Choudhury. (2016). Recovery Amid Pro-Anorexia: Analysis of Recovery in Social Media. In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems*. [23.4%]
- [c3] **Stevie Chancellor**, Jessica Pater, Trustin Clear, Eric Gilbert, and Munmun De Choudhury. (2016). #thyghgapp: Instagram Content Moderation and Lexical Variation in Pro-Eating Disorder Communities. In *Proceedings of the 2016 ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW)*. [25%] **Best Paper Honorable Mention.**

- [c2] **Stevie Chancellor**, Zhiyuan (Jerry) Lin, Erica Goodman, Stephanie Zerwas, and Munmun De Choudhury. (2016). Quantifying and Predicting Mental Illness Severity in Online Pro-Eating Disorder Communities. In *Proceedings of the 2016 ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW)*. [25%] **Best Paper Honorable Mention.**
- [c1] Evan Barba and **Stevie Chancellor**. (2015). Tangible Media Approaches to Introductory Computer Science. In *Proceedings of the 2015 ACM Conference on Innovation and Technology in Computer Science Education (ITiCSE)*. [35%]

Heavily Refereed Journal Articles²

- [j10] Leah Ajmani, Nick Vincent, and **Stevie Chancellor**. (2023). Peer-Produced Friction: How Page Protection on Wikipedia Affects Editor Engagement and Concentration. Forthcoming at *Proceedings of the ACM – Human Computer Interaction (PACM HCI)*, presented at CSCW 2023.
- [j9] **Stevie Chancellor**, Jessica Feuston, and Jayhyun Chang. (2023). Contextual Data Leakage: Evaluating Diagnostic Disclosures for Mental Illness Prediction on Social Media. In *Proceedings of the ACM – Human Computer Interaction (PACM HCI)*, presented at CSCW 2023.
- [j8] Mo Houtti, Moyan Zhou, Loren Terveen, and **Stevie Chancellor**. (2023). “All of the White People Went First”: How Video Conferencing Consolidates Control and Exacerbates Workplace Bias. In *Proceedings of the ACM – Human Computer Interaction (PACM HCI)*, presented at CSCW 2023. **Best Paper Honorable Mention** and **Special Impact Recognition.**
- [j7] **Stevie Chancellor**. (2023). Principles of Human-Centered Machine Learning. In *Communications of the ACM (CACM)*. [Impact Factor: 22.7].
- [j6] **Stevie Chancellor**, Steven Sumner, Corrine David-Ferdon, Tahirah Ahmad, and Munmun De Choudhury. (2021). Designing Valid and Reliable Suicide Protective/Risk Factors. *Journal of Medical Informatics Research - Mental Health*. [Impact Factor: 6.33].
- [j5] Crystal Gong, Koustuv Saha, and **Stevie Chancellor**. The Smartest Decision for My Future: Social Media Reveals Challenges and Stress During Post-College Life Transition. (2021). In *Proceedings of the ACM – Human Computer Interaction (PACM HCI)*, presented at CSCW 2021.
- [j4] Joseph Seering, Geoff Kauffman, and **Stevie Chancellor**. (2020). Metaphors in Moderation. (2020). *New Media & Society*. [Impact Factor: 5.31]
- [j3] **Stevie Chancellor** and Munmun De Choudhury. (2020). Methods in Predictive Techniques for Mental Health Status on Social Media: A Critical Meta-Review. *Nature Partner Journal - Digital Medicine*. [Impact Factor: 15.35].

²Note: Some prominent HCI CS conferences transitioned to journal publication models (CSCW publishes to PACM-HCI).

- [j2] Karla Badillo-Urquiola, Chhaya Chouhan, **Stevie Chancellor**, Munmun De Choudhury, and Pamela Wisniewski. (2020). Using a Value-Based Approach to Redesign Parental Control Apps for Adolescent Online Safety with College Students. *Journal of Adolescent Research*. [Impact Factor: 3.00]
- [j1] **Stevie Chancellor**, Eric P.S. Baumer, and Munmun De Choudhury. Who is the “Human” in Human-Centered Machine Learning: The Case of Predicting Mental Health from Social Media. (2019). In the *Proceedings of the ACM – Human Computer Interaction*, presented at CSCW 2019. **Best Paper Honorable Mention**.

Other Peer-Reviewed Publications and Articles

- [a1] **Stevie Chancellor**, Joe Konstan, Loren Terveen, and Svetlana Yarosh. (2023). Do Know Harm: Considering the Ethics of Online Community Research. Accepted and forthcoming as a Perspective for *Communications of the ACM (CACM)*. [Impact Factor: 22.7].

Refereed Short Papers, Late-Breaking Works, and Posters

- [s5] Alice Zhang, Ashlee Milton, and **Stevie Chancellor**. (2023). #Pragmatic or #Clinical: Analyzing TikTok Mental Health Videos. *Proceedings of the 2023 Extended CSCW Conference - Posters Track*.
- [s4] Ashlee Milton and **Stevie Chancellor**. (2022). The Users Aren’t Alright: Dangerous Mental Illness Behaviors and Recommendations. Presented at the *FACCTRec 2022 Workshop at RecSys 2022*.
- [s3] Jackie Chan, Aditi Atreyasa, **Stevie Chancellor**, and Eshwar Chandrasekharan. (2022). Community Resilience: Quantifying the Disruptive Effects of Sudden Spikes in Activity within Online Communities. In *Proceedings of the 2022 Extended CHI Conference on Human Factors in Computing Systems - Late Breaking Works Track*.
- [s2] Andrea Hu, **Stevie Chancellor**, and Munmun De Choudhury. (2019). Characterizing Homelessness Discourse on Social Media. In *Proceedings of the 2019 Extended CHI Conference on Human Factors in Computing Systems - Late Breaking Works Track*.
- [s1] Ian Stewart, **Stevie Chancellor**, Munmun De Choudhury, and Jacob Eisenstein. (2017). #anorexia, #anarexia, #anarexyia: Characterizing Online Community Practices with Orthographic Variation. [Paper]. Presented in the *SocialNLP Workshop at IEEE BigData*.

Lightly Refereed Workshop Submissions

- [w9] Leah Ajmani, Nick Vincent, and **Stevie Chancellor**. (2023). “Peer-Produced Moderation: The Tradeoffs of Page Protection on Wikipedia”. Presented in the 2023 WikiWorkshop.
- [w8] Ava Bartolome, Loren Terveen, and **Stevie Chancellor**. (2023). “Policy Deliberations in Wikipedia Talk Pages: How Editors Construct Knowledge About Mental Health.” Presented in the 2023 WikiWorkshop.

- [w7] Ashlee Milton and **Stevie Chancellor**. "Windows into Walled Gardens: Community Accessibility verse Toxicity". Presented at the *Combating Toxicity, Harassment, and Abuse in Online Social Spaces: A Workshop* at CHI 2023.
- [w6] **Stevie Chancellor** and Joseph Seering. (2019). "Gardener" or "Janitor": The Metaphors that Describe Volunteer Moderator Work Practices. Presented at the *Volunteer Work: Mapping the Future of Moderation Research Workshop* at CSCW 2019.
- [w5] **Stevie Chancellor**, Francisco Zampieri, Andrea Hu, George Nitzburg, and Munmun De Choudhury. (2018). Analysis of Deviant Opioid Addiction Treatment Communities on Reddit [Poster]. Presented at *Social Media and Mental Health Workshop* at ICWSM.
- [w4] **Stevie Chancellor**, Michael Birnbaum, Eric Caine, Vincent Silenzio, and Munmun De Choudhury. (2017). Ethical Challenges in Algorithmic Inference of Mental Health Status with Large-Scale Social Data. [Poster]. Presented in *Computational Linguistics and Clinical Psychology Workshop (CLPsych)* at *Association for Computational Linguistics (ACL)*.
- [w3] **Stevie Chancellor**, Vincent Silenzio, Eric Caine, and Munmun De Choudhury. (2016). Social Media Big Data as a "Sensor" of Mental Well-being: Ethical Insights and Challenges. [Paper]. Presented in the *Human Centered Data Science Workshop at CSCW 2016: Conference on Computer Supported Cooperative Work*.
- [w2] **Stevie Chancellor**, Julia Deeb, and Munmun De Choudhury. (2015). Network Analysis of Mental Illness Severity in Instagram's Pro-Eating Disorder Communities. [Poster]. Presented at the *Atlanta Computational Social Science Workshop*.
- [w1] **Stevie Chancellor**, Jessica Pater, Trustin Clear, Eric Gilbert, and Munmun De Choudhury. (2014). #thighgapp: Hashtag Evolutions in the Pro Eating Disorder Community on Instagram. [Poster]. Presented at the *Atlanta Computational Social Science Workshop*.

Refereed Presentations and Panels

- [p5] Jacob Thebault-Spieker, **Stevie Chancellor**, Michael Ann DeVito, Nilofaur Salehi, Alex Leavitt, David Karger, and Katta Spiel. (2021). Do We Fix it or Burn it Down? Towards Practicable Critique at CSCW. Presented at CSCW 2021 [Panel]
- [p4] Sharath C. Guntuku, Lauren Southwick, Ian Barnett, Ipsit Vahia, and **Stevie Chancellor**. (2019). Promise, challenges, and risks of digital data in mental health research and care. Presented at *AMIA 2019, the American Medical Informatics Association*. [Panel/Presentation]
- [p3] **Stevie Chancellor**, Shion Guha, Jofish Kaye, Jen King, Niloufar Salehi, Sarita Schoenebeck, and Elizabeth Stowell. (2019). The Relationships between Data, Power, and Justice in CSCW Research. Presented at CSCW 2019. [Panel].
- [p2] Sandra Calvert, Kate Brunick, Marisa Putnam, Elisabeth Mah, Melissa Richards, Jaclyn Horowitz, Elana Richmond, **Stevie Chancellor**, and Evan Barba. (2016). Creating an Intelligent Character Prototype to Teach Early Math Skills. Presented at *Special Topic Meeting of the Society for Research in Child Development about Technology and Media in Children's Development*. [Paper/Presentation].

- [p1] **Stevie Chancellor.** (2014). Can You Drop a File on Your Foot? A New Approach to the Classification of Digital Goods. At *STGlobal Consortium*. [Paper/Presentation].

Invited Posters and Panels

- [i2] **Stevie Chancellor.** 2022. ML, Mental Health, and (Questionable) Data Sources. Presented on the Data and Health panel at *HCIC - Human Computer Interaction Consortium*.
- [i1] **Stevie Chancellor.** (2019). Insights in Predictive Techniques for Mental Health in Social Media: Practices, Ethics, and Risks. Presented at the Conference on AI, Justice, and Workforce Development. Rutgers University. [Invited Poster.]

Workshops Organized

- [ws5] Joseph Seering, Sanjay Kairam, Eshwar Chandrasekharan, and **Stevie Chancellor.** (2019). Managing and Designing for Norms in Online Communities. Held at 13th Annual AAAI Conference on Web and Social Media (ICWSM).
- [ws4] **Stevie Chancellor,** Nazanin Andalibi, Lindsay Blackwell, David Nemer, and Wendy Moncur. (2019). Sensitive Research, Practice and Design in HCI. Held at the 2019 CHI Conference on Human Factors in Computing Systems (CHI).
- [ws3] Kori Inkpen, **Stevie Chancellor,** Munmun De Choudhury, Michael Veale, and Eric P.S. Baumer. (2019). Where is the Human? Bridging the Gap Between AI and HCI. Held at the 2019 CHI Conference on Human Factors in Computing Systems (CHI).
- [ws2] Casey Fiesler, **Stevie Chancellor,** Katie Shilton, Jessica Vitak, and Michael Zimmer. (2018). Exploring Ethical Trade-Offs in Social Media Research. Held at the 12th Annual International AAAI Conference on Web and Social Media (ICWSM).
- [ws1] Casey Fiesler, **Stevie Chancellor,** Anna Lauren Hoffman, Jessica Pater, and Nicholas Proferes. (2016). Challenges and Futures for Ethical Social Media Research. Held at the 10th Annual International AAAI Conference on Web and Social Media (ICWSM).

Doctoral Consortia

- [d1] **Stevie Chancellor.** (2018). Computational Methods to Understand Deviant Mental Wellness Communities. Presented at CHI Doctoral Consortium.

Other Publications, Presentations, Workshops, and Demos

- [o9] **Stevie Chancellor.** (2020). Human-centered Data Science and Pro-Eating Disorder Communities: Working in Interdisciplinary Teams. Contribution to *Handbook in Human-Centered Data Science*.
- [o8] **Stevie Chancellor.** (2019). Human-centered Algorithms and Ethical Practices to Understand Deviant Mental Health Behaviors in Online Communities. Doctoral Dissertation.

- [o7] **Stevie Chancellor.** (2018). Computational Methods to Understand Deviant Mental Wellness Communities. [Poster]. Presented at the GVU Demo Day.
- [o6] **Stevie Chancellor,** Michael Birnbaum, Eric Caine, Vincent Silenzio, and Munmun De Choudhury. (2017). Ethical Challenges in Algorithmic Inference of Mental Health Status with Large-Scale Social Data. [Poster]. Presented at the GVU Demo Day.
- [o5] **Stevie Chancellor,** Jessica Pater, Trustin Clear, Eric Gilbert, and Munmun De Choudhury. (2015). #thyghgapp: Instagram Content Moderation in Pro-Eating Disorder Communities. [Poster]. Presented at the GVU Demo Day.
- [o4] **Stevie Chancellor.** (2014). Using Support Vector Machines to Distinguish Users through Touch Gesture Recognition. Master's Thesis.
- [o3] **Stevie Chancellor.** (2012). American News Representation of Turkish YouTube Bans. In *The Wilson Undergraduate Journal of International Affairs*.
- [o2] **Stevie Chancellor.** (2011). Privatization of Copyright Legislation: How YouTube and Facebook are Destroying Copyright and Fair Use. In *Movable Type Undergraduate Research Journal of Media Studies*.
- [o1] **Stevie Chancellor.** (2011). Wikileaks and Secrecy. In *Movable Type Undergraduate Research Journal of Media Studies*.

Patents

- [pa1] Scott Counts, Roberta R. Mouer, Curtis N. Von Veh, Justin Cranshaw, **Stevie Chancellor,** and Anthony Carbary. (2019). User interface for visualizing search data. Patent pending.

Grants and Research Awards

- 2023 **PI:** Cisco Systems. *"Detecting and Reducing Bias in Collaborative Virtual Meetings - Field Deployment"*. (with Loren Terveen, Co-PI). \$141,714 (2023-2024).
- 2023 **PI:** NSF *EAGER: Revolutionizing Wikipedia's Relationship with New and Emerging Knowledge*. (with Loren Terveen, Co-PI). \$300,000. (2023-2025)
- 2023 **(sole) PI:** Amazon Research Award (ARA) Summer Program, unrestricted gift. \$65,000.
- 2022 **PI:** Northwestern Center for Assessing the Safety of Machine Intelligence. *"Safe and Compassionate ML Recommendations for People with Mental Illnesses"*. (with Loren Terveen, Co-PI). \$275,000 (2023-2024).
- 2022 **(sole) PI:** Google, unrestricted gift. \$31,000.
- 2022 **Co-PI:** National Science Foundation (NSF) *ER2: Beyond the Individual: Community-Engaged Design and Implementation of a Framework for Ethical Online Communities Research*. (with Lana Yarosh, PI; Terveen, Konstan, Lu Co-PIs). \$400,000. (2022-2025).

- 2021 **PI:** Cisco Systems. *“Detecting and Reducing Bias in Collaborative Virtual Meetings”*. (with Loren Terveen, Co-PI). \$177,915 (2021-2022).
- 2019 **(sole) PI:** Northwestern Undergraduate Research Assistant Program Research Grant. *“Dosage Research on Alternative Therapies for Opioid Addiction in Online Communities.”* \$3500. (2021)

Invited Talks

Seminar Talks and Keynotes

UMN College of Science & Engineering Alumni Series Seminar	2/2024
Stanford HCI Seminar Series. Department of Computer Science	11/2023
Data 4 Public Good Conference. Keynote.	11/2023
Carleton College. Computer Science Seminar	10/2023
Amazon. Human-In-The-Loop Research Seminar Series	8/2023
Carnegie Mellon University. Human Computer Interaction Institute	10/2022
Rice University. Department of Computer Science	9/2022
United Nations ITU. Talk Series on AI for Social Good	7/2022
Google Online Harms Talk Series	6/2022
Conversations with PERVADE	5/2022
Keynote talk at MAiSoN Workshop @ ICWSM	6/2021
Metagovernance Seminar Series	1/2021
Northwestern University. Department of Computer Science	11/2020
Harvard University. AI for Social Impact Seminar Series	8/2020
University of California, Irvine. Department of Informatics	3/2020
University of Minnesota. Department of Computer Science and Engineering	2/2020
Marquette University. Department of Computer Science	10/2019
Pennsylvania State University. College of Information Science and Technology	3/2019
Johns Hopkins University. Department of Computer Science	2/2019
University of Massachusetts, Amherst. College of Information and Computer Sciences	2/2019
Georgia Tech. GVU Brownbag Seminar Series	2/2019
Drexel University. College of Computing and Information	1/2019
University of Michigan. School of Information	1/2019
Emory University. Computer Science Seminar Series	12/2018
Purdue University. Department of Industrial Engineering	12/2018
University of Wisconsin-Madison. School of Mass Communication and Journalism	11/2018

Panels and Invited Speakers

Northwestern CASMI Panel on Safety of AI. Panelist	1/2023
Cisco Responsible AI Summit. Panelist	9/2022
Girls ML Class lecture. Invited Speaker.	7/2022
TwinSPIN (Twin Cities Software Engineering Interest Group). Invited speaker.	4/2022
Panel Discussant, “Human Centered Computing Research”. University of Minnesota Alumni Relations.	4/2022
“Social Impact, AI, and Law” Bootcamp. Stanford University and Northwestern University. Invited Talk.	1/2021
Northwestern Series on AI - “AI and Human-Computer Interaction”. Panelist.	10/2020
Digital Innovations for Mental Health (DIMH) Conference. Invited speaker	8/2020

- Human-Centered AI at International Meeting for Artificial Intelligence and its Applications (RIAA @ MEX) 8/2020
 CS + Social Good Research Organization at Georgia Tech. Panel Discussant 4/2019

Other Talks and Professional Panels

- Panelist, How to Academic Job Market. UMN CS&E. 12/2023
 Panelist, Research Mixer: AI and Social Media. Data Science Initiative @ UMN. 11/2023
 Organizer, How to Academic Job Market. UMN CS&E. 12/2022
 Invited talk, United Student Education's Research Workshop. University of Minnesota 3/2022
 How to Apply for a PhD in HCI, panel discussant hosted by UC Irvine 11/2020
 Navigating the Academic Job Market Panel for TSB Students, Northwestern University. 5/2020
 Undergraduate CS Research Symposium, Northwestern University 2/2020
 Undergraduate Women in Computing (WiC) Research Panel, Northwestern University 2/2020
 SONIC Lab Meeting, Northwestern University. 10/2019
 REU Data Science for Social Good Lunch, Georgia Tech. 6/2019
 PhD Recruitment Flash Talk. Georgia Tech. 3/2019
 PhD Recruitment Flash Talk. Georgia Tech. 3/2018
 HCI Research Series. Microsoft Research. 8/2017
 Colloquium Series, Yahoo! Research. 8/2016
 PhD Recruitment Flash Talk, Georgia Tech. 3/2016

Teaching

University of Minnesota

- CSci5115. User Interface Design (Spr 2024)
 CSci8115. Human Computer Interaction and User Interface Technology (HCI Methods) (Spr 2021, Fall 2022)
 CSci8980. Human Centered Machine Learning (Spr 2022)

Northwestern University

- CS 396/496. Human Centered Machine Learning (Fall 2020)
 CS 295. Lifting the Black Box: Computation for Social Sciences (Winter 2022)

Teaching Assistantships

Georgia Tech

- CS 4001. Computing, Society, and Professionalism. Spring 2018.
 CS 6474. Social Computing. Fall 2016.
 CS 8000. Human Centered Computing Seminar. Fall 2016.

Georgetown University

- CCTP 617. Interaction Design: Electronics and Semantics. Spring 2014.
 CCTP 556. Tangible and Embodied Computing. Fall 2013.

Guest Lectures

Graduate

- Academic Job Market and Faculty Transitions.* University of Minnesota Future Faculty Series 4/2022
Social Media and AI Research Ethics. Northeastern University 11/2021
Computational Social Science: How I Got Here. UT Austin 5/2021
ML for High-Risk Behaviors Online: Pro-ED Communities. UIUC 10/2020

<i>Social Theory and Privacy.</i> Georgia Tech	2/2019
<i>Social Theory.</i> Georgia Tech	10/2018
<i>Ask Me Anything.</i> Georgia Tech's OMSCS (Online Masters)	4/2018
<i>Post PhD - Career Guidance and Job Hunting.</i> Georgia Tech	11/2017
<i>Social Computing and Deviant Behavior.</i> Georgia Tech	10/2016
<i>Social and Emotional Support.</i> Georgia Tech	1/2016
<i>Event Driven Programming.</i> Georgetown University	2/2013

Undergraduate

<i>Human-centered AI for Mental Health in Social Media.</i> University of Delaware.	4/2023
<i>Introduction to Research in Mental Health and Online Communities.</i> University of Minnesota.	3/2023
<i>Introduction to Research in Mental Health and Online Communities.</i> University of Minnesota.	3/2022
<i>Opioid Addiction, Recovery, and Online Communities.</i> Wellesley College.	12/2021
<i>Research Flash Talk.</i> Northwestern University.	10/2020
<i>Opioid Addiction, Recovery, and Online Communities.</i> Franklin and Marshall College.	10/2020
<i>Opioid Addiction, Recovery, and Online Communities.</i> Wellesley College.	9/2020
<i>Tech for Social Good, and Stakeholder Analysis.</i> Northwestern University	4/2019
<i>Tech for Social Good, and Stakeholder Analysis.</i> Georgia Tech	4/2019
<i>Reading and Analyzing Arguments.</i> Georgia Tech	1/2019
<i>Ethical Challenges of Technologies for Social Good.</i> Georgia Tech	2/2018
<i>Understanding Bad Behavior in the Pro-Eating Disorder Community.</i> Georgia Tech	7/2015

Other Professional Activities

- 2019 CUE.NEXT Workshop for Computing in Undergraduate Education. Washington, DC.
- 2019 CCC Computational Support for Substance Use Disorder Prevention, Detection, Treatment, and Recovery Workshop. Washington DC.
- 2019 Algorithms, Justice, and the Workplace Workshop. Hosted at Rutgers University, Newark, NJ.
- 2019 Consortium for the Science of Sociotechnical Systems (CSST) Summer Institute. Hosted at Rutgers University, Newark, NJ.
- 2018 Rising Stars in Electrical Engineering and Computer Science (EE/CS). Hosted at MIT, Cambridge MA.

Reviewing, Mentoring, & Service

External Service

- Workshops Chair, CSCW 2023
- Workshops Chair, ICWSM 2020
- SIGCHI CARES Committee Member, 2020-2023
- SIGCHI Research Ethics Committee Member, 2022-2025
- CSCW Session Chair, 2023
- CHI Session Chair, 2018-19

Program Committee/Associate Editor

- Associate Chair, CHI, Interactions Beyond the Individual - 2021, 2023, 2024
- Associate Editor - CSCW 2021, 2023
- Senior Program Committee - ICWSM 2023, 2024
- Area Chair (AC) in HCI - FAccT 2022

Interactive Posters Program Committee - CSCW 2018

Conference and Journal Reviewing

CHI 2016-2020, 2022 (*Special Recognition for Reviewing* x 2, 2018; x 2, 2019; x 2, 2020, x2 2021, x1 2023, x2 2024)

CSCW 2017-2020, 2022-2023 (*Special Recognition for Reviewing*, 2020 x 3, 1 x 2023)

ICWSM 2018-2023 (*Top 20 reviewer*, 2018)

TheWebConf (WWW) Health Subcommittee 2019-2020, FATE Subcommittee 2023

FAccT 2023

DIS 2018

SocInfo 2019

Conference on Affective Computing and Intelligent Interaction (ACII) 2019

Workshop on Human-Centered AI, at NeurIPS 2022

Workshop on Bridging HCI and NLP Workshop at EACL 2021, NAACL 2022

Workshop on Navigating the Broader Impacts of AI Research, at NeurIPS 2020

Workshop on Noisy User-generated Text (W-NUT) at EMNLP 2020

Ad-Hoc Reviewing

Nature

Nature Medicine

American Psychologist

Science Advances

Communications of the ACM (CACM)

Expert Systems with Applications

Journal of Medical Informatics Research (JMIR)

ACM Transactions on Human Computer Interaction (TOCHI)

International Journal of Human-Computer Studies

PLOS One

Computers in Human Behavior

Social Media + Society

Journal of CSCW

IEEE Transactions on Network Science and Engineering

Information Processing & Management

Social Science & Medicine - Population Health

EPJ Data Science

ACM Transactions on Social Computing (TOSC)

Sociology of Health and Illness

Student Advising and Mentoring

Postdoctoral Advising

Juan Fernando Maestre (Presidential Postdoctoral Fellow, joint with Lana Yarosh)

PhD Student Advising

Leah Ajmani. Computer Science and Engineering

Nuredin Ali. Computer Science and Engineering

Ava Bartolome. Computer Science and Engineering. Co-advised with Loren Terveen

Mo Houtti. Computer Science and Engineering. Co-advised with Loren Terveen

Ash Milton. Computer Science and Engineering

Dan Runningen. Computer Science and Engineering

PhD Students Graduated

Hanlin Li. Technology and Social Behavior at Northwestern University, 2022. Co-advised with Brent Hecht. Current position: Assistant Professor at the University of Texas Austin

PhD Dissertation Committees

Zach Levonian. Computer Science and Engineering, UMN
 Haiwei Ma. Computer Science and Engineering, UMN
 Logan Stapleton. Computer Science and Engineering, UMN
 Valeria Lopez Torres. College of Design, UMN
 Wendy Yhoo. University of Maryland - Baltimore County

PhD Oral and Written Exam Committees

Chuankai (Charles) Zhang. Computer Science and Engineering
 Matthew Zent. Computer Science and Engineering
 Shelby Ziccardi. Computer Science and Engineering

PhD Student Mentoring

Evey Huang. Technology and Social Behavior at Northwestern University
 Nicole Tilly. Technology and Social Behavior at Northwestern University [c11]
 Abhraneel Sarma. Computer Science at Northwestern University
 Nick Vincent. Technology and Social Behavior at Northwestern University [c11, c15]

Master's Students

Demetrios Case. MS CS. University of Minnesota
 Audrey Gasser. University of Minnesota
 Junjie (Jeffrey) Ma. MS CS. University of Minnesota
 Aditi Atreyasa. MS CS Northwestern University [s3]
 Thomas Young. BS/MS CS at Northwestern University
 Andrea Hu. BS/MS CS at Georgia Tech [c8, c10, s1, w7]

Undergraduate Honor's Theses

Neha Bhatia. University of Minnesota
 Audrey Gasser. University of Minnesota
 Jared Grambihler. University of Minnesota
 Crystal Gong. Northwestern University [j6]
 Francisco Zampieri. Georgia Tech [c10, w7]

Undergraduate Research Assistants

Dhruv Bala. University of Minnesota
 Harshini Bellamkonda. University of Minnesota
 Arthur Berry. University of Minnesota REU
 Ayooluwa Odeyinka. University of Minnesota REU
 Leor Porat. University of Minnesota
 Abhishikt Tummala. University of Minnesota
 Alice Zhang. University of Minnesota [s5] (CRA Outstanding Undergraduate Honorable Mention)
 Ned Mayo. UMN/Macalester College.
 Sanath Andalakudati. Northwestern University

Aldo Aguilar. Northwestern University
Annika Amlie. Northwestern University
Jenny Chang. Northwestern University [j9]
May Li. Northwestern University
Gabrielle Klein. Northwestern University
Bijal Mehta. Northwestern University [c16]
Lexi Ryan. Northwestern University
Tahirah Ahmad. Georgia Tech [j5]
Zhiyuan (Jerry) Lin. Georgia Tech [c2, c5] (PhD Stanford CS, CRA Outstanding Undergraduate Research Finalist)

Undergraduate Thesis or Project Evaluations

Matthew McNamara. University of Minnesota
Nicole Espinoza. Hamline University

High School Students and Other Mentoring

Stavya Arora (United States Presidential Scholar 2023, National JSHS Finalist, Minnesota State Science Fair Finalist, Regeneron STS Top 300 Scholar)
Elizabeth Terveen.
Joey Tan (co-advised with Jane Sumner, UMN Political Science)
Hana Ikramuddin (high school student, joint with Reid Priedhorsky)

Service to University of Minnesota

Department Vision Steering Committee, 2023
Strategic Planning Committee, CS&E. 2022.
Faculty Hiring Committee. CS&E. 2022-2024.
Graduate Admissions Committee. CS&E. 2021, 2022.

Service to Georgia Tech and Northwestern

Undergraduate Research Symposium Co-coordinator. 2019
Planning Board Member, Grad Women @ CC. 2017-2019
Student Representative, Faculty Hiring Committee, Interactive Computing. 2017-2018
Student Host, Interactive Computing Faculty Recruitment. 2015, 2017
Instructor: Human Centered Computing Student Seminar. Fall 2016
PhD Student Mentor, 2016
Volunteer, Interactive Computing PhD Recruitment. 2015-2018

Georgetown University and University of Virginia

Georgetown Women Who Code. Mentor and group facilitator. 2013-2014
gnovis Journal of CCT. Peer reviewer, blogger. 2012-2014
Georgetown CCT Student Admissions Reviewer. 2013-2014
Movable Type Undergraduate Journal. Peer reviewer, webmaster, conference coordinator. 2010-2012

Research Experience

- 2014- **School of Interactive Computing, Georgia Institute of Technology.** Atlanta, GA.
 2019 Graduate Research Assistant
 Advisor: Munmun De Choudhury
 Role: Researching deviant mental health communities online, focusing on the pro-eating disorder community
- 2013- **Department of Communication, Culture, and Technology, Georgetown University**
 2014 Graduate Research Assistant
 Advisor: Evan Barba
 Role: Master's thesis research; Developing curriculum and tutorials for teaching "Table-top Computing as an Introductory Platform"
- 2013- **Department of Psychology, Georgetown University**
 2014 Graduate Research Assistant
 Advisors: Sandra Calvert and Evan Barba
 Role: Designed, developed, and tested an educational children's game to teach basic mathematical concepts
- 2013 **Policy Scholar Research Fellowship**
 Advisor: eBay Policy, Washington DC
 Research Topic: Digital Products and First Sale as a Barrier to Trade – An Analysis of eBay's Used Software Marketplace
- 2012 **Student Researcher**
 Research Topic: Students' Attitudes Toward Facebook Connect and Privacy
 Conducted through MDST 3559 – Digital Culture and Social Media

Certificates

- 2019 **CIRTL Associate**
 Center for the Integration of Research, Teaching and Learning (issued at Georgia Tech).
 Certificate designed to teach future faculty to teach. Coursework includes foundations of teaching, and course design and assessment.
- 2013 **WTO, International Trade, and Development**
 Graduate Institute of International and Development Studies, Geneva, Switzerland
 Certificate on issues of international trade and development.

Consulting Activities

I consult for companies and non-profits with interests in AI, mental health, and content moderation and policy. Additionally, I have written policy briefings about mental health platform policy for large technology companies, non-profits, and other organizations. These briefings are written from my independent perspectives and have directly impacted policy at these companies.

Professional Experience

- 2009- **Toppling Dominoes**

- 2015 Front-end Web Designer. (Self-employed)
Web design, coding and development, Wordpress custom theme creation and management, & brand identity development.
- 2011- **Chappell Graphics**
2012 Web Developer and Project Manager, Charlottesville VA
Website design, coding and development, Wordpress custom theme creation and install management, creative direction, project management.

Selected Press and Interviews

- [The Guardian](#). How social media's biggest user protest rocked Reddit 12/2023
- [The Verge](#). Reddit's replacement mods may be putting its communities at risk 9/2023
- [Ars Technica](#). Reddit faces content quality concerns after its Great Mod Purge. 9/2023
- [Mpls. St.Paul Magazine](#). U of M Study Examines TikTok's Impact on Mental Health 8/2023
- [The Guardian](#). TechScape: After a brutal blackout, will Reddit ever be the same? 6/2023
- [Philedelphia Inquirer](#). The moderators of Philly's largest subreddit wanted to protest a new policy. Then I-95 collapsed. 6/2023
- [Ars Technica](#). After porn-y protest, Reddit ousted mods; replacing them isn't simple 6/2023
- [On the Media](#). The Battle to Save Reddit 6/2023
- [MIT Technology Review](#). We are all AI's free data workers 6/2023
- [NBC News](#). Reddit CEO slams protest leaders 6/2023
- [Reuters](#). Reddit's golden geese foul up its IPO plans. 6/2023
- [Insider](#). Reddit CEO says the mods leading a punishing blackout 6/2023
- [Washington Post](#). ...Reddit followed Goodwill's playbook. Now Redditors are on strike. 6/2023
- Minnesota News Network - Radio Interview. 6/2023
- [Vice](#). The Reddit Protest Is a Battle for the Soul of the Human Internet 6/2023
- [Washington Post](#). Why have many Reddit communities gone private?... 6/2023
- Featured in University of Minnesota 'M Pride' Newsletter 5/2023
- ACM SIGCHI Tech News. 5/2023
- [CBS News Minnesota](#). UMN study reveals TikTok's negative impact on mental health 4/2023
- [KARE 11 TV](#). U of M researchers look into how TikTok is affecting our mental health 4/2023
- WCCO 830 AM - News Radio Interview. 4/2023
- [Star Tribune](#). Minnesota researchers study TikTok benefits, harms on mental health 4/2023
- [MPR News](#). How much social media is too much? 4/2023
- [Minnesota Monthly](#). You and AI 3/2023
- [UMN Office of Research](#). ...UMN Computer Scientists Explore Video Conferencing Inequities 11/2022
- [Trouw](#). Jongeren met eetstoornis vinden steun op sociale media, maar lopen...(in Dutch) 7/2022
- [Deutschlandradio](#). Reddit, Wikipedia und Co: Unbezahlte Arbeit im Netz (in German) 6/2022
- [New York Times](#). The Work of Online Volunteers 6/2022
- [New Scientist](#). Reddit moderators do \$3.4 million worth of unpaid work each year 6/2022
- [Insider](#). Instagram is rolling out new features to protect teens, but experts say measures... 6/2022
- [Washington Post](#). Internet 'algospeak' is changing our language in real time... 4/2022
- [MIT Technology Review](#). How to poison the data that Big Tech uses to surveil you 3/2021
- [Northwestern MS AI](#). Using AI to Identify Mental Health Issues on Social Media 2/2021
- [Fortune](#). Your data is a weapon that can help change corporate behavior 2/2021
- [Communications of the ACM](#). Spotting High-Risk Behavior Online. 1/2021
- [Smithsonian Magazine](#). How Algorithms Discern Our Mood From What We Write Online. 9/2020
- [Knowable Magazine](#). How Algorithms Discern Our Mood From What We Write Online. 9/2020
- [Zembla](#). "My Instagram Use Was Equal to A Relapse in My Eating Disorder." (in Dutch) 10/2019

The Atlantic . <i>What Doctors Can Learn From The Dark Web</i> .	10/2019
Undark Magazine <i>Researchers and People With Addiction Alike Turn to Online Forums</i> .	10/2019
ACM Tech News. <i>New...Research IDs Opioid Addiction Self-Treatments, Risks</i>	5/2019
Wired . <i>How Pro-Eating Disorder Posts Evade Filters on Social Media</i>	6/2018
Microsoft Research Blog . <i>Measuring employment demand with internet search data</i>	4/2018
Slate . <i>The Simpsons Guide to Mental Health and Technology</i>	9/2017
Georgia Tech News . <i>Computing Graduate Students Flex Academic and Powerlifting Muscles</i>	11/2016
Buzzfeed . <i>Why Eating Disorders Are So Hard For Instagram And Tumblr To Combat</i>	4/2016
Vice . <i>Does Censorship on Social Media Do More Harm Than Good?</i> .	3/2016
DailyDot . <i>Pro-eating disorder communities modify hashtag terms to perpetuate the movement</i> .	3/2016
Shape . <i>Banning Pro-Eating Disorder Words On Instagram Doesn't Work</i>	3/2016
The Independent . <i>Instagram's banning of pro-anorexia content [...] made the problem worse</i>	3/2016
Gizmodo . <i>This Is What Happened When Instagram Banned Certain Pro-Anorexia Words</i>	3/2016
	7/2023

Podcast Interviews

The Minnesota Daily . Episode 123: Artificial Intelligence in Education	
The Radical AI Podcast . <i>Predicting Mental Illness Through AI with Stevie Chancellor</i>	10/2021
Diaries of Social Data Research Podcast . <i>Opioid Use Disorder Research + Mentoring</i>	7/2021
TWIML Podcast . <i>Human-Centered Machine Learning for High-Risk Behaviors</i> .	4/2021
The Interaction Hour podcast . Georgia Tech GVU.	5/2019