

Cassidy Pyle

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EDUCATION

University of Michigan

Ph.D. in Information

Ann Arbor, MI, USA

Expected May 2025

- Advisors: Dr. Nicole Ellison & Dr. Nazanin Andalibi
- Professional Development Certificate in Diversity, Equity, and Inclusion
- Affiliated Researcher, Center for Ethics, Society, and Computing (ESC), Social Media Research Lab (SMRL), and Marginality in Sociotechnical Systems Lab (MiSTS)

University of California, Santa Barbara

B.A. in Communication, Film and Media Studies; Minor in Feminist Studies

Santa Barbara, CA, USA

June 2019

- Dean's List, Highest Honors, Distinction in the Major of Communication
- Thesis: *College Students' Use of Facebook: Examining College Generational Status, Social Capital, and Academic Implications*

RESEARCH INTERESTS

- | | | |
|----------------|------------------|---------------------|
| ○ Social Media | ○ Stigma | ○ Social Comparison |
| ○ Algorithms | ○ Marginality | ○ Well-Being |
| ○ Identity | ○ Social Support | ○ College Access |

PUBLICATIONS (* DENOTES CO-FIRST AUTHORSHIP)

- **Pyle, C.** & Andalibi, N. (2024). Algorithmic College Admissions Technologies: Vendors' Legitimization and U.S. Applicants' Perceptions. *Under review at Transactions on Computer-Human Interaction (TOCHI)*.
- Corvite, S., Roemmich, K., **Pyle, C.**, Karizat, N., & Andalibi, N. (2024). Emotion AI Use in U.S. Mental Health Care: Potentially Unjust and Techno-Solutionist. *Pending Final Acceptance at ACM's Conference on Computer-Supported Cooperative Work (CSCW '24)*.
- **Pyle, C.***, Zhang, B. F.*, Haimson, O. L., & Andalibi, N. (2024). "I'm Constantly in This Dilemma": How Migrant Technology Professionals Perceive Social Media Recommendation Algorithms. *Pending Final Acceptance at ACM's Conference on Computer-Supported Cooperative Work (CSCW '24)*.
- **Pyle, C.** (2023). The Trauma-Informed Approach as a Unifying Lens for Understanding Affirmative Action Microaggressions on Social Media and Their Impacts. *Workshop Paper. ACM Conference on Computer-Supported Cooperative Work (CSCW) 2023*.
- **Pyle, C.**, Ellison, N., & Andalibi, N. (2023). Social Media and College-Related Social Support Exchange for First-Generation, Low-Income Students: The Role of Identity Disclosures. *Forthcoming at ACM's Conference on Computer-Supported Cooperative Work (CSCW '23)*.
- Andalibi, N., **Pyle, C.**, Barta, K., Xian, L., Jacobs, A., & Ackerman, M. (2023). Conceptualizing Algorithmic Stigma. In *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems* (pp. 1-18). <https://doi.org/10.1145/3544548.3580970>.
- Barta, K.*, **Pyle, C.***, & Andalibi, N. (2023). Toward a Feminist Social Media Vulnerability Taxonomy. In *Proceedings of the ACM on Human-Computer Interaction*, 7(CSCW1), 1-37. <https://doi.org/10.1145/3579533>.
- Brown, M., **Pyle, C.**, & Ellison, N.B. (2022). "On My Head About It": College Aspirations, Social Media Participation, and Community Cultural Wealth. *Social Media + Society*. <https://doi.org/10.1177/20563051221091545>
- Ellison, N.B., **Pyle, C.**, & Vitak, J. (2022). Scholarship on Well-Being and Social Media: A Sociotechnical Perspective. *Current Opinion in Psychology*. <https://doi.org/10.1016/j.copsyc.2022.101340>.

- **Pyle, C.** & Andalibi, N. (2021). First-Generation, Low-Income Students as Data Subjects in Higher Education Profiling and Prediction AI/ML Applications. *Workshop Paper. ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2021.*
- **Pyle, C.,** Roosevelt, L., Lacombe-Duncan, A., & Andalibi, N. (2021). LGBTQ Persons' Pregnancy Loss Disclosures to Known Ties on Social Media. *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI) 2021.* <https://doi.org/10.1145/3411764.3445331>. **Best Paper Award.**
- **Pyle, C.** (2019). Animation and the Queering of the Body Genre in "Big Mouth." *UCSB Focus Media Journal.* 37, 65-72.
- **Pyle, C.** (2017). Auteur Theory in Relation to Black Women Filmmakers. *UCSB Focus Media Journal.* 39, 4-13.

CONFERENCE PAPERS & POSTER PRESENTATIONS

- **Pyle, C.** (October 2023). Social Media and College-Related Social Support Exchange for First-Generation, Low-Income Students: The Role of Identity Disclosures. *Computer-Supported Cooperative Work (CSCW) Conference, Minneapolis, Minnesota, USA.*
- **Pyle, C.** (October 2023). Toward a Feminist Social Media Vulnerability Taxonomy. *Computer-Supported Cooperative Work (CSCW) Conference, Minneapolis, Minnesota, USA.*
- **Pyle, C.** (June 2023). Debating Affirmative Action Online: The Role of Social Media Algorithms, Features, and Affordances. *Human-Computer Interaction Consortium, Delavan, Wisconsin, USA.*
- **Pyle, C.,** Ellison, N., & Andalibi, N. (May 2023). Organizational (In)Authenticity and College Choice: How First-Generation, Low-Income Students Perceive University Social Media Accounts. *International Communication Association Conference, Toronto, Ontario, CA.*
- **Pyle, C.** (March 2023). U.S. Applicants' Perceptions of College Admissions Algorithms. *Presented at the Computing Research Association - Widening Participation's Grad Cohort for IDEALS Conference, Honolulu, HI, USA.*
- **Pyle, C.** (April, 2022). Social Media Identity Disclosures and First-Generation, Low-Income Students' College-Related Support Seeking. *Presented at the Computing Research Association - Widening Participation's Grad Cohort for Women Conference, New Orleans, LA, USA.*
- **Pyle, C.** (May, 2021). LGBTQ Persons' Pregnancy Loss Disclosures to Known Ties on Social Media. *Presented at ACM CHI Conference on Human Factors in Computing Systems, Virtual.*
- **Pyle, C.** (April, 2021). LGBTQ Persons' Pregnancy Loss Disclosures to Known Ties on Social Media. *Presented at University of Michigan School of Information iDEI Lightning Talks, Virtual.*
- **Pyle, C.** (June, 2019). College Students' Use of Facebook: Examining College Generational Status, Social Capital, and Academic Implications. *Presented to the Department of Communication at University of California, Santa Barbara, CA, USA.*

TEACHING EXPERIENCE

Ph.D. Teaching Fellow

2023

iSchool Inclusion Institute (i3) - University of Texas, Austin

- Collaboratively developed and refined syllabi and lesson plans for a two-week course on Research Design
- Taught over twenty students fundamental components of research design and ethics in the information sciences, including qualitative, quantitative, and mixed-methods research designs
- Developed and maintained mentoring relationships with students during and after the formal two-week program

Graduate Student Instructor (GSI)

2022

University of Michigan SI 529: Online Communities

- Developed and facilitated lesson plans for weekly lab sessions with 30 master's students covering topics related to online communities, including identity, social support, harm, and algorithms
- Guided student projects by providing timely, weekly written and verbal feedback on student work
- Coordinated 5 guest speakers from academia and industry with relevant experience in online communities

- Nominated for UMSI's 2022 GSI of the Year Award

Graduate Student Instructor (GSI) 2021

University of Michigan SI 110: Introduction to Information

- Led weekly discussion sections with 50 undergraduate students covering topics including social media, information economics, and information visualization
- Guided student projects and papers by providing timely, weekly written and verbal feedback on student work
- Assisted approximately 30 students with paper-writing and project management skills in weekly office hours

Peer Mentor 2017-2019

Opening New Doors to Accelerating Success (ONDAS) Student Center, UC Santa Barbara

- Mentored over 40 Communication students to help them develop study skills and understand concepts from Communication Theory and Social Research Methods courses
- Developed and led a workshop called “Cleaning and Coding Quantitative Data” that was attended by 30+ students

GUEST LECTURES

Social Comparison in Online Communities 2023

University of Michigan, Ann Arbor, MI; SI 529: Online Communities

Social Comparison in Online Communities 2022

University of Michigan, Ann Arbor, MI; SI 529: Online Communities

Privacy on Social Media 2021

University of Michigan, Ann Arbor, MI; SI 110: Introduction to Information

LGBTQ Communities’ Use of Social Media 2021

Pleasant Grove High School, Elk Grove, CA; Queer Studies 101

MENTORING EXPERIENCE

Undergraduate Research Opportunities Program (UROP) Mentor 2023 - Present

University of Michigan Ann Arbor, MI, USA

- Mentored one undergraduate student in research design, data collection, and data analysis for a project on affirmative action discussions on social media

Master’s Thesis Option Program Committee Member 2022 - 2023

University of Michigan School of Information Ann Arbor, MI, USA

- Provided weekly written and verbal feedback on research design, ethics, data collection, data analysis, and writing for a project on trauma-informed design and well-being interventions on social media

Ph.D. Peer Mentor 2022 - Present

University of Michigan School of Information Ann Arbor, MI, USA

- Mentored a first-year Ph.D. student at UMSI by helping them become oriented to campus and departmental resources and by offering social support

Undergraduate Mentorship Program Mentor 2017-2019

University of California, Santa Barbara Santa Barbara, CA, USA

- Assisted four first-year undergraduate students in developing study plans, becoming oriented to campus resources, and practicing mindfulness and well-being strategies

HONORS & AWARDS

Best Paper Award, ACM Conference on Human Factors in Computing Systems 2021

Awarded to top 1% of conference submissions

University Service Award of Distinction, UC Santa Barbara 2019

Awarded to graduating students who made an outstanding contribution to campus life

Luis Leal Social Science Undergraduate Award, UC Santa Barbara 2019

Awarded to a graduating student for outstanding achievement in the social sciences

Steven H. Chaffee Award, UC Santa Barbara 2019

Awarded to a graduating Communication major who demonstrated excellence in research

GRANTS & FELLOWSHIPS

Undergraduate Research Opportunity Program, University of Michigan <i>Awarded to mentors supporting undergraduate students assisting with research projects</i>	2023-2024
Rackham Merit Fellowship, University of Michigan Rackham Graduate School <i>Awarded for achievement, underrepresentation in higher education, and commitment to diversity</i>	2020-2025
Donald A. Strauss Public Service Grant, Donald A. Strauss Foundation <i>Awarded to college sophomores and juniors for community-based public service projects</i>	2018-2019
Undergraduate Research & Creative Activities Grant, UC Santa Barbara <i>Awarded to undergraduates to fund independent research and creative activities</i>	2018-2019

PUBLIC SCHOLARSHIP & ENGAGEMENT

Researcher Well-Being Best Practices in Emotionally Demanding Research <i>ACM CHI Conference on Human Factors in Computing Systems</i>	2022 <i>Virtual</i>
<ul style="list-style-type: none">Attended a workshop at the ACM CHI 2022 conference to discuss strategies and contribute to a document of best practices for maintaining researcher well-being in the context of sensitive or emotionally demanding research	
Institute for Social Change Summer Program <i>University of Michigan</i>	2021 <i>Virtual</i>
<ul style="list-style-type: none">Attended a two-week program on conducting publicly engaged scholarship with an emphasis on social justice	
Community Connections First-Generation Group Leader <i>University of Michigan School of Information</i>	2021 <i>Virtual</i>
<ul style="list-style-type: none">Initiated, grew, and led a virtual support group for first-generation students at the U-M School of Information	

ACADEMIC SERVICE

Editorial Assistant <i>Journal of Computer-Mediated Communication</i>	2023 <i>Virtual</i>
<ul style="list-style-type: none">Assessed manuscript submissions, facilitated peer review process, assisted with Special Issue on Gender Gaps in Communication	
Student Volunteer <i>Conference on Computer-Supported Cooperative Work (CSCW)</i>	2023 <i>Minneapolis, MN, USA</i>
<ul style="list-style-type: none">Serving as a Student Volunteer (SV) at CSCW where I will assist with on-site tasks to keep the conference running smoothly	
Peer Reviewer <i>Computer-Supported Cooperative Work (CSCW) Journal</i>	2023-Present
<ul style="list-style-type: none">Reviewed one full paper	
Peer Reviewer <i>Conference on Computer-Supported Cooperative Work (CSCW)</i>	2022-Present
<ul style="list-style-type: none">Reviewed one poster and five full papersReceived Special Recognition for Outstanding Review, CSCW 2023	
Peer Reviewer <i>International Communication Association (ICA) Conference</i>	2022-Present
<ul style="list-style-type: none">Reviewed one full paper and two extended abstracts	
Peer Reviewer <i>Conference on Human Factors in Computing (CHI)</i>	2021-Present
<ul style="list-style-type: none">Reviewed two papers and one late-breaking work paperReceived 3 Special Recognitions for Outstanding Review, CHI 2023, CHI 2024	
Assistant, Algorithmic Reparation Workshop <i>University of Michigan Digital Studies Institute</i>	2022 <i>Ann Arbor, MI, USA</i>

- Assisted Dr. Apryl Williams and Dr. Jenny L. Davis by marketing the workshop, coordinating accommodations for attendees, coordinating conference logistics, and providing on-site support during the workshop

Panelist, Pre-Candidacy Paper Panel

2022

University of Michigan School of Information

Ann Arbor, MI, USA

- Spoke with UMSI Ph.D. students about best practices for the pre-candidacy paper milestone

Panel Moderator, Virtual Visiting Days

2022

University of Michigan School of Information

Virtual

- Moderated a five-person panel about life in Ann Arbor for admitted UMSI Ph.D. students

Executive Board Member, Doctoral Executive Committee

2021-2022

University of Michigan School of Information

Ann Arbor, MI, USA

- Served as an elected member of the Doctoral Executive Committee where I co-organized academic and social programming for UMSI Ph.D. students

Alumni Panelist, Communication Career Day

2021-2022

University of California, Santa Barbara

Virtual

- Spoke with Communication undergraduates about career paths in academia and the technology industry

Editorial Assistant

2021-2022

Journal of Computer-Mediated Communication

Virtual

- Assessed 200+ submitted manuscripts, facilitated peer review processes, and developed the journal's online presence

QUALIFICATIONS AND SKILLS

- **Qualitative Research:** Interviews, Focus Groups, Participant Observation, Walk-Throughs, Asynchronous Remote Communities, Computer-Assisted Qualitative Data Analysis Software (e.g., Dedoose, Atlas.ti, NVivo), Miro/Mural, Figma
- **Quantitative Research:** Survey Design, Digital Field Experiments, SPSS, R, Python
- **Soft Skills:** Leadership, Mentorship, Time Management, Project Management, Verbal and Written Communication