ADRIAN PETTERSON

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EDUCATION

Doctoral Candidate (PhD) at the Faculty of Information, University of Toronto
2021-Present

Master of Information (MI) in User Experience Design, University of Toronto
2019-2021

Bachelor of Arts and Science (BA&Sc) in Cognitive Science (Honours), McGill University, Montreal
2014-2018

ACADEMIC SCHOLARSHIPS & AWARDS

Research Fellowship, $5,000, 2026

School of Cities Fellowship, $3,500, 2024

Connaught PhDs for Public Impact Fellowship, $12,500, 2024

Faculty of Information Conference Travel Grant, $1,395, 2023

Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship, $120,000, 2022

Faculty Excellence Award, Faculty of Information, University of Toronto, $20,000, 2022

Ontario Graduate Scholarship (declined), $60,000, 2022

Grace Hopper Fellowship, 2022

Student Leadership Award, University of Toronto, 2021

Mitacs Accelerate Fellowship, $15,000, 2020

First Class Honours Cognitive Science, McGill University, 2018

Dean's Honour List, McGill University, 2014-2018

ARIA Research Grant, McGill Arts Department, $2,500, 2017

Morris Wilson Scholarship, McGill University, $3,000, 2014

ACADEMIC CONTRIBUTIONS

Peer-Reviewed Papers

Petterson, A., Lusi, B., Lin, G., Senior, M., Ahmed, N. (2026, August). Adopt a Digital Fetus to Save its Soul: A Polyethnographic Walkthrough of Abortion-Related Applications. In Proceedings of the 2026 ACM Conference on Mobile Computer Human Interaction. 🏆 **BEST PAPER AWARD**

Ahmed, N., Weibel, M. A., Sharma, V., **Petterson, A.**, Foriest, J. C., & Huang, E. M. (2026, June). Practicing Community-Led Design Justice: Rethinking Participation with At-Risk Communities. In *Proceedings of the 2026 Designing Interactive Systems Conference* (pp. 2613-2634). https://dl.acm.org/doi/full/10.1145/3800645.3812881

Petterson, A., Kim Ly, C., Cross, T., Y. Wong, R., & Chandra, P. (2026, April). Tooling Justice: Articulating Equity Work Through Design Toolkits. In Proceedings of the 2026 CHI Conference on Human Factors in

Computing Systems (pp. 1-16). https://doi.org/10.1145/3772318.3790783

Jit, S. S., **Petterson, A.**, Leiva, A. A. F., Chandra, P., Spinney, J., & Soden, R. (2026, April). Context, Uncertainty, and Interdependence: Crisis Informatics and Severe Weather Risk Communication for People with Visual Impairments. In *Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems* (pp. 1-13). https://doi.org/10.1145/3772318.3791841

Ly, C. K., Cross, T., **Petterson, A.**, Pandey, I., & Chandra, P. (2025). Accessibility Work in Academia: Balancing Needs, Bridging Gaps, and Breaking Down Barriers. *Proceedings of the ACM on Human-Computer Interaction*, *9*(7), 1-27. https://doi.org/10.1145/3757454

Scheuerman, M., Weathington, K., **Petterson, A.**, Thomas Doyle, D., Das, D., DeVito, M. A., & Brubaker, J. R. (2025). Transphobia is in the Eye of the Prompter: Trans-Centered Perspectives on Large Language Models. *ACM Transactions on Computer-Human Interaction*. https://doi.org/10.1145/3743676

Doyle, D. T., Campbell, C., **Petterson, A.,** & Brubaker, J. R. (2025). Navigating Value Elicitation: Insights from Palliative Care Providers. *Proceedings of the ACM on Human-Computer Interaction*, *9*(7), 1-26. https://doi.org/10.1145/3757495

Petterson, A., Mattka, J., & Chandra, P. (2025). Expanding Care Conceptualizations: An Integrative Literature Review of Care in HCI. In Proceedings of the ACM SIGCAS/SIGCHI Conference on Computing and Sustainable Societies (pp. 481-503). https://doi.org/10.1145/3715335.3735486

Jaimes-Rodriguez, I., **Petterson, A.,** Doggett, O., Chandra, P. (2024, November). El costo de la independencia: Latino house-cleaners in Technology-Mediated Labour Markets. In *Proceedings of the 2024 CSCW Conference.* https://doi.org/10.1145/3686999

Petterson, A., Jaimes-Rodriguez, I., Doggett, O., Chandra, P. (2024, May). Networks of care in digital domestic labour economies. In *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems.* https://doi.org/10.1145/3613904.3642200

Petterson, A., Cheng, K., & Chandra, P. (2023, April). Playing with Power Tools: Design Toolkits and the Framing of Equity. In *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems* (pp. 1-24). https://doi.org/10.1145/3544548.3581490

Gupta, P., **Petterson, A.,** Molta, D., Chandra, P. (2022). Ladange, Adange, Jeetange: The Farmers' Movement and Its Virtual Spaces. In *Proceedings of the 2022 CSCW Conference.* https://doi.org/10.1145/3555547

Invited Contributions

Petterson, A., Jaimes Rodríguez, I., & Doggett, O. (2025). Lateral Care as Entrepreneurial Solidarity. In *Communities of Care in Migration* (pp. 271-297). Singapore: Springer Nature Singapore. https://doi.org/10.1007/978-981-95-0919-5_14

Workshop Papers and Special Interest Groups

Campo Woytuk, N., Ahmed, N., Gamboa, M., Bell, F., Lusi, B., O'Neill, D., ... **Petterson, A.** & Strohmayer, A. (2026, April). CHI Stitch'n B* tch, A Feminist HCI Meetup. In *Proceedings of the Extended Abstracts of the 2026 CHI Conference on Human Factors in Computing Systems* (pp. 1-5). https://doi.org/10.1145/3772363.3778787

Petterson, A., Lusi, B., Bosco, C., Thuppilikkat, A. A., Tuli, A., Wieczorek, C., ... & Chandra, P. (2025, October). Conducting Research in Oppressive Settings. In *Companion Publication of the 2025 Conference on Computer-Supported Cooperative Work and Social Computing* (pp. 88-91). https://doi.org/10.1145/3715070.3748282

Tuli, A., Thiruvenkatanathan, K. P., Lusi, B., **Petterson, A.**, Gómez Ortega, A., Bhat, K. S., ... & Patel, D. (2025, October). Behind the Scenes: A SIG on Researcher Care and the Invisible Care Work. In *Companion Publication of the 2025 Conference on Computer-Supported Cooperative Work and Social Computing* (pp. 74-77). https://doi.org/10.1145/3715070.3748278

Petterson, A., Chandra, P., Jiahong Lu, A., Jack, M. (2025) Reimagining Social Media and Social Movements in Crisis: A Workshop on Empirics, Theory and Research Guidance. In *Companion*

Publication of the 2025 Aarhus Conference. https://doi.org/10.1145/3737609.3747090

Lusi, B., **Petterson, A.**, Payyapilly Thiruvenkatanathan, K., Krawczyk, M., Tseng, E., Reime, L., Balaam, M., Siek, K., Zaga, C. (2024). Caring for Reproductive Justice: Design in Response to Adversity. In *Computer Supported Cooperative Work and Social Computing* https://doi.org/10.1145/3678884.3681832

Hansson, K., Bardzell, S., Bhandari, A., Boulicault, M., Doyle, D. T., Erete, S., **Petterson, A.,**... & Watson, J. (2023). A Toolbox of Feminist Wonder: Theories and methods that can make a difference. In *Computer Supported Cooperative Work and Social Computing* (pp. 476-480). https://doi.org/10.1145/3584931.3611295

Petterson, A., Thuppilikkat, A., Gupta, P., Klassen, S., Jack, M., Liu, J., Chandra, P. (2023). Supporting Social Movements Through HCI and Design. In *Extended Abstracts of the 2023 CHI Conference.* https://doi.org/10.1145/3544549.3573812

Extended Abstracts

Petterson, A., Lusi, B. (2025, August) Reproducing Crisis: A Walkthrough Review of Abortion Care Infrastructure Technologies. In *Companion Publication of the 2025 Aarhus Conference.* https://doi.org/10.1145/3737609.3747118

Pillai, A. G., Liu, R., Lee, J. J., Cho, J., Baek, I., ... **Petterson, A.** & Wu, Y. (2025). Speculating and Disentangling the Relationship Between Technology and Care Work. In *Companion Publication of the 2025 ACM Designing Interactive Systems Conference* (pp. 433-439). https://doi.org/10.1145/3715668.3736364

Petterson, A., Chandra, P. (2025). They'll be Protected in Colorado: Reproductive Health Access Organizations' Use of Technology. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems.* https://doi.org/10.1145/3706599.3720229

Petterson, A. (2024, November). Co-Designing Reproductive Justice Futures: Intersectional Care-Activism for Abortion Access. In *Extended Abstracts of the 2024 CSCW Conference Doctoral Consortium.* https://doi.org/10.1145/3678884.3682054

Iantorno, M., Guadagnolo, D., & **Petterson, A.** (2023). Dark patterns and pedagogy: expanding scholarship and curriculum on manipulative marketing practices. *AoIR Selected Papers of Internet Research*. https://doi.org/10.5210/spir.v2023i0.13430

Peer, F., Butoliya, D., Ekmekcioglu, C., **Petterson, A.,** Chandra, P., & Coleman, B. (2022, August). Public Translation: Information and Resource Sharing in the City. In *Proceedings of the Participatory Design Conference 2022.* https://doi.org/10.1145/3537797.3537855

AFFILIATIONS

Convening Member for *Feminist Digital Methods Group*, York University
2022-Present

Research Assistant for *Socio-Technical Resistance and Ethical Technologies (STREET) Lab,* Faculty of Information, University of Toronto
2021-Present

Visiting Scholar for *Identity Lab,* Faculty of Information, University of Colorado Boulder
2021-2022

Research Assistant for *Digital Research Ethics Collaboratory,* Department of Women and Gender Studies, University of Toronto
2021-2022

Research Assistant for *Knowledge Media & Design Institute,* Faculty of Information, University of Toronto
2019-2022

RESEARCH EXPERIENCE

Research Consultant, *Reproductive Health Outcomes and Disparities Lab*, University of Chicago
October 2025 - Present

- In partnership Dr. Lee Hasselbacher and local abortion fund workers, designed and supported participatory workshops with abortion patients who had traveled to Illinois
- Conducted design analysis for academic and community focused knowledge outcomes

Visiting Scholar, *Identity Lab,* University of Colorado Boulder
May 2023 - August 2023

- Under the supervision of Dr. Jed Brubaker, Conducted field work using ethnographic and interview methods with abortion support workers in Colorado
- Contributed as a research designer to the Identity Lab projects
- Collaborated with multiple teams on queer and feminist research design

Research Assistant, *STREET Lab*, University of Toronto
August 2021 - Present

- Under the supervision of Dr. Priyank Chandra, directed multiple research projects on HCI and grassroots movements with the following populations:
    - Abortion access workers in the United States
    - Latino migrant house cleaners in Toronto
    - Accessibility activists and workers at post-secondary universities
    - Indian farmer's protesters
- Co-designed a research project with blind Ontario residents on emergency weather response protocols
- Directed and facilitated a participatory research workshop on equity centred design toolkits with design students and emerging professionals
- Mentored master's and early PhD students in research methods and scholarship

Research Assistant, *KMDI Lab,* University of Toronto
August 2019 - September 2022

- Under the supervision of Dr. Sara Grimes, spearheaded Accessibility Arcade for disabled gamers and community members to learn about inclusive gaming
- Hosted and published a podcast series on Inclusion in Games
- Completed a Mitacs Accelerate Fellowship in children' s gaming

UX Research Consultant, *OPEN Inclusion,* London, England
August 2021 - February 2022

- Consulted on a LEGO Foundation project to design for neurodiverse children
- Ran interviews with community members, teachers, and parents
- Analysed research data and composed results statements for stakeholders

TEACHING

Course Instructor

Accessible and Inclusive Design, University of Toronto
September 2025 | January 2026

Critical Approaches to Innovation, University of Toronto Mississauga
January 2025

Teaching Assistant

INF1322 Libraries and Communities, University of Toronto
January 2024

INF2171 Usability Assessment: Concepts, Methods, and Tools, University of Toronto
January 2024

INF2164 UX Research and Design for Video Games, University of Toronto
September 2024 | September 2023 | January 2023 | September 2021

INF2165 Accessibility and Inclusive Design, University of Toronto
September 2024 | January 2023 | September 2022

INF1240 Research Methods, University of Toronto
September 2023 | May 2022

INF2192 Representing UX, University of Toronto
January 2023 | January 2022

INVITED TALKS & WORKSHOPS

Adopt a Digital Fetus to Save its Soul: A Polyethnographic Walkthrough of Abortion-Related Applications. MobileHCI Conference, Swansea, Wales
Petterson, A., 2026

Abortion Care Infrastructures, University of Waterloo, Kitchener-Waterloo, Canada
Petterson, A., 2026

Tooling Justice: Articulating Equity Work Through Design Toolkits, CHI '26, Barcelona, Spain
Petterson, A., 2026

Mary Hay Glass Symposium on Health Information in a Time of Change, Rutgers University, New Brunswick, United States
Petterson, A., 2026

Dismantling Ableism: Advancing Disability Rights and Accessibility, Human Rights & Equity in Education Symposium, University of Toronto, Toronto, Canada
Petterson, A., 2026

Expanding Care Conceptualizations: An Integrative Literature Review of Care in HCI, COMPASS Conference '25, Toronto, Canada
Petterson, A., 2025

Intersections of Innovation and Abortion, SeoulTech University, Seoul, South Korea
Petterson, A., 2025

Designing for Reproductive Justice Futures: HCI in Abortion Care Beyond Crisis, University of Chicago, Chicago, Illinois, USA
Petterson, A., 2024

Networks of Care in Digital Domestic Labour Economies, CHI '24, Honalulu, Hawaii, USA
Petterson, A., 2024

Playing with Power Tools: Design Toolkits and the Framing of Equity, CHI '23, Hamburg, Germany
Petterson, A., 2023

Theme Weaving with Design Justice Network, Virtual
Petterson, A., Strickland, M., 2023

Ladange, Adange, Jeetange: The Farmers' Movement and Its Virtual Spaces, CSCW '22, Virtual
Petterson, A., 2022

The Politics of Design: Designing for Justice and Equity, Knowledge Justice and Equity Spring Seminar, University of Toronto, Toronto, ON
Petterson, A., Chandra, P., 2022

Principles at Work, San Francisco Design Week, San Francisco, CA
Petterson, A., Strickland, M., Spitzberg, D. Sin, J., 2022

Attitude in the Office, Research Methods and Information Science Conference, Denver, CO
Petterson, A., Fernandez, G., 2021

Principles at Work, San Francisco Design Week, San Francisco, CA
Petterson, A., Strickland, M., Spitzberg, D. Sin, J., 2021

Dark Patterns and Digital Disability Justice, TEDxUofT Conference, Toronto, ON
Petterson, A., 2021

Maximum Fun, Minimal Harm: Ethics and Intentionality in Game Design, #a11yTO Gaming, Toronto, ON
Petterson, A., 2020

Skinner Boxes and Social Contracts: Dark Patterns in Game Design, #a11yTO Camp, Toronto, ON
Petterson, A., 2020

Game Based Learning: Level Up for Neurodivergent Learners, OLC Innovate, Boston, MA
Petterson, A., Chandrashekar, S., 2021

Bring in the New, Ditch the Normal, Educause '20, Boulder, CO
Petterson, A., Chandrashekar, S., 2020

COMMUNITY OUTREACH & SERVICE WORK

Member, SIGCHI CARES, *SIGCHI,* Association for Computing Machinery
April 2026 - Present

- Offer support and manage cases through the ACM reporting and accountability process for instances of abuse, bullying, harassment, discrimination, and other violations of the ACM's code of conduct

Volunteer Counselor, Exhale Pro-Voice
March 2024 - Present

- Provide judgement-free after abortion support to texters across the United States and Canada through the Exhale Pro-Voice textline service

Member, Site Selection Working Group, *SIGCHI,* Association for Computing Machinery
January 2024 - January 2025

- Conducted surveys on research community concerns for conference locations
- Delivered design recommendations for more equitable site selection processes
- Communicated site selection protocols to the wider research community

President, Doctoral Student Association, *Faculty of Information,* University of Toronto
September 2023 - September 2024

Member, Executive Committee, *Faculty of Information,* University of Toronto
September 2023 - September 2024

Student Volunteer, ACM Conferences
CHI April 2023, CSCW November 2024, CHI April 2026

Volunteer, Expose Fake Clinics

January 2023 - May 2025

- Reported pregnancy crisis centres on public business review sites
- Attended volunteer events to add pregnancy crisis centres to a list of fake clinics

Co-founder and Coordinator, Feminist Wonder Working Group
October 2023 - October 2025

- Ran workshops for feminist HCI scholars
- Organised regular meetings to discuss feminist methods in HCI research
- Coordinated international networks of feminist HCI researchers

Lead Organizer, Dis/Usability, University of Toronto
September 2022 - May 2025

- Organised monthly talks around disability and design
- Recruited specifically experts with lived experience
- Secured $6,500 startup funding and $5,000 yearly funding to support series

Volunteer, Who Not When
June 2023 - January 2026

- Worked to design a resource guide for later abortion patients

Volunteer, I Need An A
July 2022 - Present

- Corrected information about abortion clinics in a repository for people seeking abortion care in the United States
- Participated in hackathons with other volunteers to improve the repository's user experience

Facilitator, Design Justice Network
January 2020 - January 2025

- Organised biweekly reading group meetings on equity in technology issues
- Orchestrated monthly meetings to foster community support and interdependence.
- Coordinated connections between Toronto branch network members.

Co-Convener, Racism Gone Viral, *McLuhan Centre for Culture and Technology,* University of Toronto

September 2020 - September 2021

- Coordinated a reading group of graduate students on racial issues in technology and design
- Co-hosted talks with authors
- Created a publically available literature review on anti-racism in design

Founder and Chair, Accessibility Interests Working Group, *Faculty of Information,* University of Toronto
September 2019 - August 2021

- Created student group to reduce access barriers to the Faculty of Information
- Wrote and received multiple grants
- Facilitated a speaker series to bring marginalised voices to the faculty
- Designed and ran workshops for faculty members to learn about inclusion

CREATIVE OUTPUTS

Petterson, A. (Host). (Forthcoming) Wayfinders: The Stories of Contemporary Abortion Activism in Chicago [Audio Podcast Series]. *KMDI Lab, Connaught Fellowship*

Petterson, A. (2025) Abortion Aftercare Zine, School of Cities, University of Toronto. https://www.adrianpetterson.ca/after-abortion-support-zine

Petterson, A. (Host), Grimes, S. (2022) Inclusive Gaming 102 [Audio Podcast Series]. *KMDI Lab* https://kmdi.utoronto.ca/inclusive-gaming-102-podcast/

Petterson, A., Pandeliev, V. (2021) Inclusive Design Reading Group Space, *Faculty of Information* https://fogscript20b.notion.site/Inclusive-Design-Reading-Group-1d2e8b8348804dd19791af7f84502

MENTORSHIP

Supervision

Elisabeth Ruby Phillipi - Bachelors of Arts, University of Zurich
January 2025-October 2026

Research Mentorship

Alexander Parent - Masters of Information Student, University of Toronto; PhD Student, NYU
2022-2025

Caroline Ly - Masters of Information Student, University of Toronto
2022-2026

Trevor Cross - Masters of Information Student, University of Toronto
2021-2026

REVIEWS

Committee Member - Design of Interactive Systems (DIS)
February 2026 | March 2025

Committee Member - Computer Supported Cooperative Work (CSCW)
May 2025

Conference Reviewer - Supporting Group Work (GROUP)
July 2026 (special recognition)

Conference Reviewer - Computer Supported Cooperative Work (CSCW)
March 2023 | June 2023 | September 2023 | September 2024 | October 2025 (special recognition)

Conference Reviewer - Computer Human Interaction (CHI)
January 2022 | November 2023 | March 2024 | November 2024 | November 2025 (special recognition)

Conference Reviewer - Design of Interactive Systems (DIS)
March 2023 | March 2024 | March 2025 | March 2026