

CURRICULUM VITAE

MINYOUNG YOO

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EDUCATION

2021 – 2026

Doctor of Philosophy (Ph.D.)

Simon Fraser University

School of Interactive Arts and Technology

Surrey, British Columbia, Canada

Doctoral Committee: William Odom, Ron Wakkary, Arne Berger

Ph.D. Dissertation

Title: “Beyond Looking Back: A Long-Term Participatory Approach to Co-Designing and Co-Speculating with People with Blindness on Reminiscence Experiences through Sound Memory.”

2018 – 2020

Master of Science (M.Sc.)

Simon Fraser University

School of Interactive Arts and Technology

Surrey, British Columbia, Canada

Advisors: William Odom, Ron Wakkary

M.Sc. Thesis

Title: “Understanding everyday experiences of reminiscence for people living with blindness: Practices, tensions and probing new design possibilities.”

2011 – 2017

B.CS. Honours Computer Science (Co-op Program)

University of Waterloo

Cheriton School of Computer Science

Waterloo, Ontario, Canada

ACADEMIC AWARDS & RECOGNITION

2026

Best paper award at CHI 2026, Barcelona, Spain

2026

Best pictorial award at TEI 2026, Chicago, United States

2024

Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship Award

2020

Best paper honourable mention award at DIS 2020, Eindhoven, Netherlands

WORK EXPERIENCE

06/2025 – Present

Research Assistant

Simon Fraser University

Homeware Lab

Surrey, British Columbia, Canada

Project: [Slow Lamp](#)

Advisor: William Odom

05/2022 – 08/2025

Research Assistant

Simon Fraser University

Homeware Lab

	Surrey, British Columbia, Canada Project: <u>Queue Player</u> Advisor: William Odom
09/2019 – 04/2025	Research Assistant <i>Simon Fraser University</i> <i>Everyday Design Studio</i> Surrey, British Columbia, Canada Project: <u>Capra</u> Advisor: William Odom
09/2018 – 08/2019	Research Assistant <i>Simon Fraser University</i> <i>Everyday Design Studio</i> Surrey, British Columbia, Canada Project: <u>Olo Radio</u> Advisor: William Odom
09/2016 – 12/2016	Research Assistant <i>University of Waterloo</i> <i>Human Computer Interaction Lab</i> Waterloo, Ontario, Canada Project: <u>Near-Eye PIN Entry</u> Advisor: Daniel Vogel
01/2016 – 04/2016	Research Assistant <i>University of Waterloo</i> <i>Human Computer Interaction Lab</i> Waterloo, Ontario, Canada Project: <u>Handedness</u> Advisor: Jeffery Avery
05/2016 – 08/2016	Software Engineer <i>Microsoft</i> Redmond, Washington, United States
09/2015 – 12/2015	Software Developer <i>IBM</i> Toronto, Ontario, Canada
01/2015 – 04/2015	Developer <i>Citigroup</i> Mississauga, Ontario, Canada
09/2013 – 12/2013	Agile Developer <i>SAP</i> Vancouver, British Columbia, Canada
01/2013 – 04/2013	Software Quality Assurance <i>SAP</i> Waterloo, Ontario, Canada
05/2012 – 08/2012	Quality Assurance Analyst <i>CADian</i> Seoul, South Korea

TEACHING EXPERIENCE

Spring 2023, Fall 2022	IAT 201 Human-Computer Interaction and Cognition <i>Teaching Assistant</i> School of Interactive Arts and Technology Simon Fraser University
Spring 2021 & Fall 2020	IAT 210 Introduction to Game Studies: Theory and Design <i>Teaching Assistant</i> School of Interactive Arts and Technology Simon Fraser University
Spring 2020	IAT 805 Graduate Research Colloquium <i>Teaching Assistant</i> School of Interactive Arts and Technology Simon Fraser University
Fall 2019	IAT 167 Digital Games: Genre, Structure, Programming and Play <i>Teaching Assistant</i> School of Interactive Arts and Technology Simon Fraser University

CERTIFICATE

04/2022	Instructor Skills Workshop <i>Centre for Educational Excellence</i> Simon Fraser University
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SCHOLARSHIP, FUNDING & GRANTS

2026	SFU Travel & Research Award (Summer 2026, \$1,000 CAD)
2025	SFU Travel & Research Award (Summer 2025, \$1,000 CAD)
2024	SSHRC Doctoral Fellowship Award (2-year term, \$80,000 CAD) SFU Ph.D. Research Scholarship (Spring/Summer/Fall 2024, \$5,400 CAD) SFU SIAT Graduate Fellowship Award (Summer 2024, \$3,500 CAD) SFU Travel & Research Award (Summer 2024, \$2,820 CAD)
2023	SFU Ph.D. Research Scholarship (Fall 2023, \$1,800 CAD) ACM SIG Research Travel Grant (\$250 USD) NSF Doctoral Consortium Funding (ACM DIS '23, Summer 2023, \$1,650 USD) SFU Travel & Research Award (Summer 2023, \$500 CAD) SFU SIAT Graduate Fellowship Award (Summer 2023, \$3,500 CAD) SFU FCAT Graduate Fellowship Award (Spring 2023, \$3,500 CAD)
2022	SFU SIAT Graduate Fellowship Award (Summer 2022, \$7,000 CAD) SFU Travel & Research Award (Spring/Summer 2022, \$2,150 CAD)
2021	SFU Travel & Research Award (\$1,369 CAD) SFU SIAT Ph.D. Program Entrance Award (\$7,000 CAD)
2020	SFU SIAT Graduate Fellowship Award (Summer 2020, \$6,500 CAD)

2012 University of Waterloo President's Scholarship (\$2,000 CAD)

PUBLICATIONS

CONFERENCE PAPERS

- [C12] Odom, W., Barnett, S., White, J., **Yoo, M.**, Brand, N., Lin, H. (2026). Becoming Watchful on the Trail and at Home: Understanding Experiential Outcomes of Capra in Long-Term Use. In *Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems (CHI '26, pp. 1-29)*, Apr 13-17, 2026, Barcelona, Spain. ACM Press. ***Best Paper Award***
- [C11] Pinder, S., Odom, W., Barnett, S., **Yoo, M.**, Misra, A., Lin, H. (2026). Queue Player: On the Anatomy of a Slow Technology for Co-Listening In, Over, and Across Time. In *Proceedings of the Twentieth International Conference on Tangible, Embedded, and Embodied Interaction (TEI '26, pp. 1-16)*, Mar 8-11, 2026, Chicago, Illinois, USA. ACM Press. ***Best Pictorial Award***
- [C10] **Yoo, M.**, Ppali, S., Odom, W., Zhuang, Y., Kritika, K., Olson, W., Wiczorek, C., Biggs, H., Berger, A., Desjardins, A., Wakkary, R., Ringland, K. (2025). Translating HCI Research to Broader Audiences: Motivation, Inspiration, and Critical Factors on Alternative Research Outcomes. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI '25, pp. 1-24)*, Apr 26-May 1, 2025, Yokohama, Japan. ACM Press.
- [C9] Pinder, S., Odom, W., Barnett, S., **Yoo, M.**, Misra, A., Lin, H. (2025). Queue Player: Investigating Distributed Co-Listening Experiences for Social Connection across Space, Time, and Tempo. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI '25, pp. 1-25)*, Apr 26-May 1, 2025, Yokohama, Japan. ACM Press.
- [C8] Odom, W., Barnett, S., Brand, N., **Yoo, M.**, Lin, H., White, J. (2024). Negotiating Conceptual and Practical Frictions in Making the Capra Short Film: Extending a Research through Design Artifact with Video. In *Proceedings of the 2024 Designing Interactive Systems Conference (DIS '24, pp. 2866-2881)*, July 1-5, 2024, Copenhagen, Denmark. ACM Press.
- [C7] **Yoo, M.**, Odom, W., Berger, A., Barnett, S., Kenny, S., Lo, P., Shamsher, S., Russell, G., Knight, L. (2024). Remembering through Sound: Co-creating Sound-based Mementos together with People with Blindness. In *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24, pp. 1-19)*, May 11-16, 2024, Honolulu, Hawai'i, USA. ACM Press.
- [C6] Odom, W., White, J., Barnett, S., Brand, N., Lin, H., **Yoo, M.**, Amram, T. (2024). Capra: Making Use of Multiple Perspectives for Capturing, Noticing and Revisiting Hiking Experiences Over Time. In *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24, pp. 1-27)*, May 11-16, 2024, Honolulu, Hawai'i, USA. ACM Press.
- [C5] Zhong, C., Wakkary, R., Odom, W., Wiberg, M., Chen, A.Y.S., Oogjes, D., White, J. and **Yoo, M.** (2023). Exploring Long-Term Mediated Relations with a Shape-Changing Thing: A Field Study of coMorphing Stool. In *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23, pp. 1-14)*, April 23-28, 2023, Hamburg, Germany. ACM Press.
- [C4] **Yoo, M.**, Knight, L., Odom, W., Berger, A. (2022). Storywork & Reciprocity: On the Design of an Audio Documentary that Extends HCI Research back to Participants. In *Proceedings of the 2022 Designing Interactive Systems Conference (DIS '22, pp. 1345-1357)*, June 13-17, 2022, Virtual Event, Australia. ACM Press.
- [C3] Zhong, C., Wakkary, R., Odom, W., Chen, A.Y.S., **Yoo, M.**, Oogjes, D. (2022). On the Design of deformTable: Attending to Temporality and Materiality for Supporting Everyday Interactions with a Shape-Changing Artifact. In *Proceedings of the 2022 Designing Interactive Systems Conference (DIS '22, pp. 1555-1564)*, June 13-17, 2022, Virtual Event, Australia. ACM Press.
- [C2] **Yoo, M.**, Odom, W., Berger, A. (2021). Understanding Everyday Experiences of Reminiscence for People with Blindness: Practices, Tensions and Probing New Design Possibilities. In *Proceedings of the 2021*

CHI Conference on Human Factors in Computing Systems (CHI '21, pp. 1-15), May 8-13, 2021, Yokohama, Japan. ACM Press.

- [C1] Odom, W., **Yoo, M.**, Lin, H., Duel, T., Amram, T., Chen, AYS. (2020) Exploring the Reflective Potentialities of Personal Data with Different Temporal Modalities: A Field Study of Olo Radio. In *Proceedings of the 2020 Designing Interactive Systems Conference (DIS '20, pp. 283-295)*. Jul 6-10, 2020, Eindhoven, Netherlands. ACM Press. ***Best Paper Honorable Mention Award***

ORGANIZED WORKSHOPS

- [WO6] Ppali, S., **Yoo, M.**, Myers, L., Venkatraj, K., Barakova, E., Alavi, H., Good, J., Barbareschi, G., Serafin, S., Spiel, K., Boess, S., Bozzon, A., Verma, H. (2026). Designing With, Not For: Inclusive Methodologies for Co-designing With People With Diverse Abilities. In *Proceedings of the 28th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '26, pp. 1-8)*, Oct 25-28, 2026, Porto, Portugal. ACM Press.
- [WO5] Khan, FR., Chung, H., Jang, S., **Yoo, M.**, Smith, A., Barnett, S., Baca-Vázquez, A., Bolter, J., Marcu, G., Toyama, K. (2026). Sorting of Many Sorts: Avenues Toward Formalizing Approaches for Multi-Modal Artifacts in Participatory Design and Research. In *Companion Publication of the 2026 ACM Designing Interactive Systems Conference (DIS '26, pp. 14-17)*, Jun 13-17, 2026, Singapore. ACM Press.
- [WO4] **Yoo, M.**, Ppali, S., Wiezorek, C., Noh, H., Han, SH., Carter, ARL., Riggs, AT., Haghighi, N., Ruitenburg, Y., Odom, W. (2026). What Comes After Research? Exploring Alternative Research Outcomes in HCI. In *Proceedings of the Extended Abstracts of the 2026 CHI Conference on Human Factors in Computing Systems (CHI '26, pp. 1-3)*, Apr 13-17, 2026, Barcelona, Spain. ACM Press.
- [WO3] Ppali, S., Constantinides, M., Liarokapis, F., Farao, J., Anvari, S., Wehbe, R., Rodgers, S., Brereton, M., Altarriba Bertran, F., **Yoo, M.**, Han, J., Covaci, A. (2025). Cite your well-being first: Navigating the Impact of Personal Life and Mental Health on HCI Research. In *Companion Publication of the 2025 ACM Designing Interactive Systems Conference (DIS '25, pp. 52-56)*. Jul 5-9, 2025, Funchal, Madeira. ACM Press.
- [WO2] Ppali, S., Pasia, M., Wolf, S., Han, J., Muntean, R., **Yoo, M.**, Rodil, K., Berger, A., Papallas, A., Ciolfi, L., Stevens, J., Covaci, A. (2024). Sensing Heritage: Exploring Creative Approaches for Capturing, Experiencing and Safeguarding the Sensorial Aspects of Cultural Heritage. In *Companion Publication of the 2024 ACM Designing Interactive Systems Conference (DIS '24, pp. 445-448)*. Jul 1-5, 2024, Copenhagen, Denmark. ACM Press.
- [WO1] **Yoo, M.**, Berger, A., Lindley, J., Green, D., Boeva, Y., Nicenboim, I., Odom, W. (2023). Beyond Academic Publication: Alternative Research Outcomes of HCI Research. In *Companion Publication of the 2023 ACM Designing Interactive Systems Conference (DIS '23, pp. 114-116)*. Jul 10-14, 2023, Pittsburgh, Pennsylvania. ACM Press.

REVIEWED CONFERENCE WORKSHOP PAPERS

- [WP4] **Yoo, M.**, Odom, W. (2026). Co-Speculating the Living Archive with People with Blindness: Design Fictions of Longitudinal Engagement and Narrative Agency. In Workshop Proceedings of *The Quality of Speculation: Common Ground for Speculative Design in Human-Computer Interaction?* April 2026, Barcelona, Spain. ACM CHI '26.
- [WP3] **Yoo, M.**, Pinder, S., Barnett, S., Odom, W. (2025). Design Artifacts, Participants and Continued Dialogue: What Happens During and After the Deployment?. In Workshop Proceedings of *Workshop Proceedings of Research Products and Time: When, For How Long, And Then What?* April 2025, Yokohama, Japan. ACM CHI '25.
- [WP2] **Yoo, M.**, Odom, W., Berger, A. (2020). Research Through Design with Differently Abled People: Participation, Ownership and Equitable Conclusions. In Workshop Proceedings of *RtD in Situ*:

Discussing the Domains and Impact of Design Research. July 2020, Eindhoven, Netherlands. ACM DIS '20.

- [WP1] Odom, W., Amram, T., Chen, A., Lin, H., White, J., **Yoo, M.** (2019). Reflective Knowledge Production through a Designer-Researcher Approach. In Workshop Proceedings of *1st Person Research Methods in HCI*. June 2019, San Diego, United States. ACM DIS '19.

DOCTORAL CONSORTIUM

- [DC1] **Yoo, M.** (2023). Beyond Looking Back: Designing Interactive Technology Together to Support Blind People's Experience of Reminiscence. In *Companion Publication of the 2023 ACM Designing Interactive Systems Conference (DIS '23, pp. 7-11)*. July 2023, Pittsburgh, Pennsylvania. ACM Press.

WORK IN PROGRESS

- [WIP1] **Yoo, M.**, Odom, W., Berger, A. (2020). Understanding How Audio Mediates Experiences of Reminiscence for People Living with Blindness. In *Companion Publication of the 2020 ACM Designing Interactive Systems Conference (DIS '20, pp. 73-78)*. July 2020, Eindhoven, Netherlands. ACM Press.

CONFERENCE POSTER

- [P1] **Yoo, M.** and Odom, W. (2019). Understanding Opportunities for Designing Interactive Technology to Better Support Everyday Experiencing of Reminiscing on the Past Life for Blind Users. At *9th Canada-Korea Conference on Science and Technology Conference (CKC '19)*. June 2019, Banff, Canada.

INVITED PRESENTATIONS

- 2026 *What's Behind a Successful Co-Design Project with a Marginalized Community*
Invited Discussion at Inclusive Technologies for Access and Social Participation (TACIT) Project Group. Delft University of Technology (TU Delft), Delft, Netherlands. Jul 16, 2026.
- Beyond Looking Back: A Seven-Year Journey of Co-Designing Sound-Based Reminiscence with People with Blindness*
Invited Presentation at Social, Collaborative, and Inclusive User Systems (SOCIUS) Lab. University of British Columbia, Vancouver, Canada. Jun 24, 2026.
- On Alternative Research Outcomes*
Invited Discussion at RE:PLAY, School of Computer and Information Sciences. Northumbria University, Newcastle, United Kingdom. May 11, 2026.
- Beyond Looking Back: A Seven-Year Journey of Co-Designing Sound-Based Reminiscence with People with Blindness*
Invited Presentation at Open Lab. Newcastle University, Newcastle, United Kingdom. May 11, 2026.
- Beyond Looking Back: A Seven-Year Journey of Co-Designing Sound-Based Reminiscence with People with Blindness*
Invited Presentation at Making With... Group. Eindhoven University of Technology (TU/e), Eindhoven, Netherlands. May 7, 2026.
- Beyond Looking Back: A Seven-Year Journey of Co-Designing Sound-Based Reminiscence with People with Blindness*
Invited Presentation at Knowledge and Intelligence Design (KInD) Group. Delft University of Technology (TU Delft), Delft, Netherlands. May 6, 2026.
- Beyond Looking Back: A Seven-Year Journey of Co-Designing Sound-Based Reminiscence with People with Blindness*
Invited Presentation at IxD Lab.

- IT University of Copenhagen (ITU), Copenhagen, Denmark. May 1, 2026.
- Beyond Looking Back: A Seven-Year Journey of Co-Designing Sound-Based Reminiscence with People with Blindness*
Invited Presentation at Sustainable Futures Lab.
KTH Royal Institute of Technology, Stockholm, Sweden. Apr 29, 2026.
- Beyond Looking Back: A Seven-Year Journey of Co-Designing Sound-Based Reminiscence with People with Blindness*
Invited Presentation at Computer Science and Languages Department.
Anhalt University of Applied Sciences, Köthen, Germany. Apr 24, 2026.
- Beyond Looking Back: A Seven-Year Journey of Co-Designing Sound-Based Reminiscence with People with Blindness*
Invited Presentation at Human-Computer Interaction Group.
Interdisciplinary Transformation University Austria (IT:U), Linz, Austria. Apr 21, 2026.
- Beyond the Paper: A Seven-Year Journey of Co-Designing Sound-Based Reminiscence with People with Blindness*
Invited Presentation at Visual and Interactive Computing Institute (VINCI)@SFU.
Simon Fraser University, Burnaby, Canada. Mar 4, 2026.
- 2025
- Navigating Uncertainty in Research: Answering Questions That Do Not Have Answers*
Invited Presentation at the 5th KDD Tech Conference.
Vancouver Korean Developers and Designers (KDD) Group, Vancouver, Canada. Aug 30, 2025.
- Homeware Lab: Slow Technology and Co-Design Approaches in Research through Design*
Invited Presentation at Victoria Interactive eXperiences with Information (VIXI) Group.
University of Victoria, Victoria, Canada. Jun 24, 2025.
- From Research Questions to Outcomes: What is Research through Design?*
Invited Workshop at HCI+Design Lab.
Seoul National University, Seoul, South Korea. May 22, 2025.
- Translating HCI Research to Broader Audiences: Motivation, Inspiration, and Critical Factors on Alternative Research Outcomes*
Invited Presentation at HCI@KAIST.
Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea. May 19, 2025.
- 2024
- Who's Listening? Understanding Your Audience*
Invited Discussion at US-Korea Conference on Science and Technology (UKC) 2024.
San Francisco, California, United States. Aug 21-24, 2024.
- Remembering through Sound: Co-designing Sound-based Memories with People with Blindness*
Invited Presentation at Digital Communities Exchange (DComX) Event.
Simon Fraser University, Vancouver, Canada. May 8, 2024.
- 2023
- Research through Design, Co-designing with Participants*
Invited Presentation at Interactive Product Design (IPD) Lab.
Ulsan National Institute of Science and Technology (UNIST), Ulsan, South Korea. Sep 25, 2023.
- Research through Design, Co-designing with Participants*
Invited Presentation at Creative Interaction Design (CIxD) Lab.
Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea. Sep 21, 2023.
- Research through Design, Co-designing with Participants*
Invited Presentation at HCI+Design Lab.
Seoul National University, Seoul, South Korea. Sep 19, 2023.
- Designing Together: Understanding Others.*
Invited Presentation at Young Generation Technical and Leadership Conference (YGNITE) 2023.
San Jose, California, United States. Jan 20-21, 2023.

Best Presenter Award – Lightning Talk: Science and Technology

- 2022 *Designing with Participants, Sharing Outcomes*
Guest Lecturer at Parsons School of Design.
New York City, New York, United States. Oct 13, 2022.
Diversity and Inclusion in STEM (Science, Technology, Engineering & Math)
Panel Discussion at Canada-Korea Conference on Science and Technology (CKC) 2022.
Niagara Falls, Ontario, Canada. Jul 4-8, 2022.
- 2021 *Designing for and with People with Disabilities*
Invited Speaker at Parsons School of Design.
New York City, New York, United States. Oct 13, 2021.
Reminiscence Experience for People Living with Blindness
CKC 2021. Halifax, Nova Scotia, Canada. Sep 1-4, 2021.
Understanding Everyday Experiences of Reminiscence for People Living with Blindness: Practices, Tensions and Probing New Design Possibilities.
YGNITE 2021. Virtual Conference. Jan 29-30, 2021.
- 2020 *Understanding Opportunities for Designing Interactive Technology to Better Support Experiences of Reminiscence for People Living with Blindness*
YGNITE 2020. Seattle, Washington, USA. Jan 11, 2020.
- 2019 *Everyday Design Studio*
Young Professional Forum for Korean-Heritage Scientists and Engineers (YPF 2019)
Seoul, South Korea. Jul 1, 2019.
FameLab Competition 1st Place Award
Human-Centered Research at Everyday Design Studio
Invited Presentation at Creative Interaction Design (ClxD) Lab
Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea. Jul 9, 2019.

ACADEMIC SERVICE

CONFERENCE AND PROGRAM COMMITTEE

Associate Chair, ACM CHI 2027 Papers Program
Associate Chair, ACM DIS 2026 Papers Program (Research through Design SC)
Associate Chair, ACM CHI 2026 Papers Program (Design SC)
Associate Chair, ACM CHI 2025 Papers Program (Design SC)
Organizing Committee, CKC 2018 /19 / 21 / 22 / 23
Evaluation Committee, Roboethics Competition @ IEEE RO-MAN 2021

CONFERENCE SESSION CHAIR

Blind and Low-Vision Interaction @ CHI 2026
Living with Dementia or Visual Impairments @ CHI 2025

CONFERENCE AND JOURNAL REVIEWER

ACM Designing Interactive Systems (DIS) 2020 / 21 / 22 / 24 / 25 / 26
ACM Human Factors in Computing Systems (CHI) 2021 / 22 / 23 / 24 / 25 / 26
ACM Nordic Conference on Human-Computer Interaction (NordiCHI) 2026

ACM Tangible and Embedded Interaction (TEI) 2024 / 25

ACM User Interface Software and Technology (UIST) 2025

ACM Mensch und Computer (MuC) 2024

ACM Transactions on Accessible Computing (TACCESS) 2023

ACM Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT) 2021

MEMBERSHIP

Association for Computing Machinery, Special Interest Group on Computer Human Interaction