Janghee Cho

PhD Candidate

Department of Information Science

College of Media, Communication and Information

University of Colorado Boulder

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Research Interests

Human-Computer Interaction, Computer-Supported Cooperative Work, Health Informatics, Human-centered AI, Domestic Technology, Mixed-Reality, Future of Work, Critical Reflection, Sustainability

Education

2023 Dec. (EST)	**Ph.D., Information Science** **Cognitive Science Graduate Certificate (2021)** University of Colorado Boulder, Boulder, CO Committee: *Stephen Voida (Chair & Advisor), Laura Devendorf, Clayton Lewis, Bryan Semaan, Christena E. Nippert-Eng*
2022	**M.S., Information Science** University of Colorado Boulder, Boulder, CO
2018	**M.A., Media and Information** Specialization in Human-Computer Interaction Michigan State University, East Lansing, MI Advisor: *Emilee Rader*
2013	**B.A., Digital Media and Communication** Yonsei University, Seoul, Korea
2011	Exchange student, Information Technology Program (ITP)	International Business Aalto University School of Business, Helsinki	Mikkeli, Finland

Employment

05/2019 - Current   **University of Colorado Boulder**, Boulder, CO
                         Graduate Research Assistant, Department of Information Science (with
                         Stephen Voida and *William Aspray*)

05/2022 – 08/2022   **Meta,** Menlo Park, CA
                         UX Research Intern, Facebook Video Creation
                         Project: Understand video creators' folk theories of algorithm and their
                         creation behaviors
                         Mentor: *Leslie Liu*

06/2021 – 08/2021   **Facebook** (Remote)
                         UX Research Intern, People Engineering group
                         Conducted a research project for internal tools
                         Mentor: *John Hu*

01/2018 – 05/2018   **Michigan State University**, East Lansing, MI
                         Graduate Research Assistant, Behavior Information and Technology Lab
                         Project: Shaping the success of online communities (NSF IIS-1350253)
                         Advisor: *Rick Wash*

10/2016 – 08/2017   **Michigan State University**, East Lansing, MI
                         Graduate Research Assistant, Behavior Information and Technology Lab
                         Project: Effects of automated information and presentation in online
                         information system (NSF IIS-1217212)
                         Advisor: *Emilee Rader*

12/2015 – 03/2016   **Google News Lab Fellowship**, Seoul, Korea
                         Research Fellow
                         New media strategies for media startup

02/2013 – 11/2015   **LG Electronics HQ**, Seoul, Korea
                         Content Business Development Assistant, Smart Business division
                         Global content business and strategy development, business
                         development and content partnership

07/2012 – 08/2012   **LG Electronics HQ**, Seoul, Korea
                         Content Strategy Development Intern, Smart Business division
                         Music strategy for Smart TV platform

10/2011 – 02/2012   **Hoffman Agency Korea**, Seoul, Korea
                         Account Coordinator Intern
                         Media planning and PR activities

03/2010 – 12/2010   **Yonsei University**, Seoul, Korea
                         Research Assistant, Yonsei Cyber Communication Lab
                         Project: Understanding power twitter users and their credibility

Awards

2023	CMCI Graduate Student Travel Grant, University of Colorado Boulder ($500)
2023	Graduate School Student Travel Grant, University of Colorado Boulder ($450)
2022	Institute of Cognitive Science (ICS) Student Travel Award, University of Colorado Boulder ($500)
2022	Institute of Cognitive Science (ICS) Student Research Award, University of Colorado Boulder ($500)
2022	Center to Advance Research and Teaching in the Social Sciences Winter 2022 Grant, University of Colorado Boulder ($1,500)
2022	CMCI Graduate Student Travel Grant, University of Colorado Boulder ($500)
2022	Meta PhD Research Fellowship (AR/VR Future Technologies) 2022-2024 ($84,000)
2022	Graduate School Dissertation Completion Fellowship, University of Colorado Boulder (declined)
2021	Beverly Sears Graduate Student Grant Award, University of Colorado Boulder ($1,000)
2020	Institute of Cognitive Science (ICS) Student Travel Award, University of Colorado Boulder ($120)
2019	Institute of Cognitive Science (ICS) Student Research Award, University of Colorado Boulder ($500)
2019	CMCI Graduate Student Travel Grant, University of Colorado Boulder ($500)
2018	Outstanding MA Student Savant Award, Michigan State University
2018	MSU Graduate Student Travel Grant Graduate School, Michigan State University ($600)
2018	2018 CHI Travel Grant ACM (selected to compete in the CHI 2018 Student Research Competition)
2017	Fall Research Fellowship Department of Media and Information, Michigan State University
2017	Outstanding MA Student Scholar Award Department of Media and Information, Michigan State University
2017	Robert W. Schlater Graduate Scholarship Department of Media and Information, Michigan State University

Publications

Journal Articles (Peer-reviewed, Archival)

J3	**(Revision) Janghee Cho,** Dasom Choi, Junnan Yu, and Stephen Voida "*Reinforcing and Reclaiming The Home: Co-speculating Future Technologies to Support Remote and Hybrid Work*" Transactions on Computer-Human Interaction
J2	Fujiko Robledo, **Janghee Cho,** Stephen Voida, and Amy Voida "*'We are researchers, but we are also humans': Creating a design space for managing graduate student stress*". ACM Transactions on Computer-Human Interaction (2023)
J1	**Janghee Cho** and Rick Wash. "*How Potential New Members Approach an Online Community.*" Computer Supported Cooperative Work (CSCW) 30.1 (2021): 35-77.

Conference Proceedings (Peer-reviewed, Archival)

C4	**Janghee Cho,** Tian Xu, Abigail Zimmermann-Niefield, and Stephen Voida "*Reflection in Theory and Reflection in Practice: An Exploration of the Gaps in Reflection Support among Personal Informatics Apps*" Proceedings of the 2022 CHI conference on human factors in computing systems 2022. *CHI 2022 Best Paper Honorable Mention (among the top 5% of all submissions)*
C3	**Janghee Cho,** Samuel Beck, and Stephen Voida "*Topophilia, Placemaking, and Boundary Work: Exploring the Psycho-Social Impact of the COVID-19 Work-From-Home Experience*" Proceedings of the 2022 ACM Conference on Supporting Groupwork *GROUP 2022/2023 Best Paper Award (among the top 1% of all submissions)*
C2	**Janghee Cho** and Emilee Rader. "*The role of conversational grounding in supporting symbiosis between people and digital assistants.*" Proceedings of the ACM on Human-Computer Interaction 4.CSCW1 (2020): 1-28. doi: 10.1145/3392838
C1	Emilee Rader, Kelley Cotter, and **Janghee Cho**. "*Explanations as mechanisms for supporting algorithmic transparency.*" Proceedings of the 2018 CHI conference on human factors in computing systems. 2018. https://doi.org/10.1145/3173574.3173677

Conference Posters and Short Works (Peer-reviewed, Archival)

P4	**Janghee Cho** "*Design for Domestic Uncertainty: Envisioning Future Technologies in the Work-From-Home Era that Support Reflective Practices*" Designing Interactive System (DIS) 2022 Doctoral Consortium
P3	**Janghee Cho,** Laura Devendorf, and Stephen Voida. "*From The Art of Reflection to The Art of Noticing: A Shifting View of Self-Tracking Technologies' Role in Supporting Sustainable Food Practices.*" Extended Abstracts of the 2021 CHI Conference on Human Factors in Computing Systems. 2021. doi: 10.1145/3411763.3451838
P2	**Janghee Cho**. "*Mental models and home virtual assistants (HVAs).*" Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems. 2018. doi: 10.1145/3170427.3180286
P1	Kelley Cotter, **Janghee Cho,** and Emilee Rader. "*Explaining the news feed algorithm: An analysis of the" News Feed FYI" blog.*" Proceedings of the 2017 CHI conference extended abstracts on human factors in computing systems. 2017.

Book Chapter

B1	Hannah Weber, Vaughan M. Nagy, **Janghee Cho**, and William Aspray. (2020) "*A community Responds to Growth: An Information Story about What Makes for a Good Place to Live*". Ocepek M. G. & Aspray W (Eds.,) *Deciding Where to Live: Information Studies on Where to Live in America.* (pp. 151 - 176). Rowman & Littlefield Publishers

Workshop Papers (Peer-reviewed, non-archival)

W4	**Janghee Cho** and Stephen Voida. (2022) "*The Affective Bond Between Place and Human: Designing Digital Technology for Remote Workers' Wellbeing*" In the CHI 2022 Workshop on the Future of Emotion in Human-Computer Interaction.
W3	**Janghee Cho** and Stephen Voida. (2020) "*Envisioning New Productivity Tools for Domestic Information Work Environment*" In the Microsoft New Future of Work Symposium
W2	**Janghee Cho** and Stephen Voida. (2020) "*Supporting Critical Reflection through Tangible Interaction: A Holistic Perspective on Time Management with "Time Machine"*" In the 2020 SIGCHI Conference on Designing Interactive Systems (DIS2020) Workshop on Mental Wellbeing: Future Agenda Drawing from Design, HCI and Big Data
W1	**Janghee Cho** and Stephen Voida. (2019) "*Toward Critical Reflection: Observing Practices of Noticing to Develop Interventions in Personal Informatics*". In the 2019 SIGCHI Conference on Designing Interactive Systems (DIS 2019) Workshop on Exploring noticing as method in design research. June 2019.

Teaching

Instructor

2023	**INFO1101: Computation in Society** University of Colorado Boulder, Information Science Summer 2023
2023	**INFO4700: Senior Capstone** University of Colorado Boulder, Information Science Spring 2023

Teaching Assistant

2022	**INFO1101: Computation in Society** University of Colorado Boulder, Information Science Spring 2022
2021	**INFO1101: Computation in Society** University of Colorado Boulder, Information Science Fall 2021
2020	**INFO1201: Computational Reasoning (Introduction to Python)** University of Colorado Boulder, Information Science Fall 2020

2019	**INFO1201: Computational Reasoning (Introduction to Python)**
	University of Colorado Boulder, Information Science Spring 2019

2018	**INFO1201: Computational Reasoning (Introduction to Python)**
	University of Colorado Boulder, Information Science Fall 2018

Guest Lectures

2022	*Personal Informatics and Reflective Practices*, SD5513 Theories in Interaction Design, School of Design, The Hong Kong Polytechnic University

2019	*Applied Statistics with R: How to analyze survey and experiment data*, INFO 4871/5871 Investigation: Personal Information Management, University of Colorado Boulder

Students Mentored

2023	Michael Murdock, undergraduate student (Information & Computer Science, CU Boulder)
2023	Inhwa Song, undergraduate student (School of Computing, KAIST, co-advised with Hwajung Hong)
2022	Divya Bhat, undergraduate student (Computer Science, CU Boulder)
2021	Samuel Beck, undergraduate student (Political Science, CU Boulder)
2020	Kexin Zhai, undergraduate student (Information Science, CU Boulder)

Service

Academic and Professional Service

2019 - 2023	Institute of Cognitive Science (ICS) at University of Colorado Boulder: ICS Student Research & Travel Awards committee member
2022	INFO Teaching Instructor Search Committee member
2021, 2022	Student Volunteer CHI 2021 (Remote), CHI 2022 (In-person), DIS 2022 (Remote)

Reviewing

ACM SIGCHI Conference on Designing Interactive Systems (DIS) 2023
ACM Transactions on Computer-Human Interaction 2023
ACM Conference on Human Factors in Computing Systems (CHI) 2019-2023
ACM Computer Supported Collaborative Work (CSCW) 2019-2020, 2022
ACM Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI) 2019
International Journal of Human – Computer Studies 2022
Telematics and Informatics: An Interdisciplinary Journal on the Social Impacts of New Technologies 2019

References

Dr. Stephen Voida (Advisor)
- Associate Professor and Founding faculty in the Department of Information Science at the University of Colorado Boulder
- Email: svoida@colorado.edu
- Department of Information Science, UCB 315 College of Media, Communication, and Information University of Colorado Boulder Boulder, CO 80309-0315 USA

Dr. Clayton Lewis
- Professor in the Department of Computer Science at the University of Colorado Boulder
- Email: clayton.lewis@colorado.edu
- 430 UCB, University of Colorado, Boulder CO 80309 USA

Dr. Laura Devendorf
- Assistant Professor in ATLAS Institute & Department of Information Science at the University of Colorado Boulder
- Email: Laura.Devendorf@colorado.edu
- ATLAS Institute & Department of Information Science 207A, Roser ATLAS Building University of Colorado Boulder 1125 18th St. 320 UCB Boulder CO 80309

Dr. Bryan Semaan
- Associate Professor in the Department of Information Science at the University of Colorado Boulder
- Email: Bryan.Semaan@colorado.edu
- Department of Information Science 1045 18th Street Campus Box 315 Boulder, CO 80309-0315 US

Dr. Christena Nippert-Eng
- Professor in the Luddy School of Informatics, Computing, and Engineering at the Indiana University Bloomington
- Email: cnippert@indiana.edu
- 901 E. Tenth Street, Myles Brand Hall (201B), Bloomington, IN 47408

Dr. Leslie Liu
- Senior UX Researcher at Meta
- Email: lesliesliu@gmail.com