

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, Human-centered AI, Critical Reflection

Education

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| 2023 (EST) | Ph.D., Information Science
Cognitive Science Graduate Certificate (2021)
University of Colorado Boulder, Boulder, CO
Committee: Stephen Volda (Chair), Laura Devendorf, Clayton Lewis, Bryan Semaan, Christena E. Nippert-Eng |
| 2018 | M.A., Media and Information
Specialization in Human-Computer Interaction
Michigan State University, East Lansing, MI
Master's Thesis: <i>Mental models and Home Virtual Assistants</i>
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

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| 05/2019 - Current | University of Colorado Boulder , Boulder, CO
Graduate Research Assistant, Department of Information Science (with Stephen Volda and William Aspray) |
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- 06/2021 – 08/2021 **Facebook** (Remote)
 UX Research Intern, People Engineering group
 Conducted a research project for internal tools
- 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

- 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)

- 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 Volda "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

- C3 **Janghee Cho**, Samuel Beck, and Stephen Volda "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
- 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 (To appear)
- P3 **Janghee Cho**, Laura Devendorf, and Stephen Volda. "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 Volda. (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 Volda. (2020) "Envisioning New Productivity Tools for Domestic Information Work Environment" In the Microsoft New Future of Work Symposium

- W2 **Janghee Cho** and Stephen Volda. (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 Volda. (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

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

Applied Statistics with R: How to analyze survey and experiment data, *Investigation: Personal Information Management*, Stephen Volda, University of Colorado Boulder October 2019

Students Mentored

- 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 - Present	Institute of Cognitive Science (ICS) at University of Colorado Boulder: ICS Student Research & Travel Awards committee member
2021, 2022	Student Volunteer CHI 2021 (Remote), CHI 2022 (In-person)

Reviewing

ACM Conference on Human Factors in Computing Systems (CHI) 2019-2022

ACM Computer Supported Collaborative Work (CSCW) 2019-2020

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