RUIPU HU

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EDUCATION

University of Maryland, College Park, MD — 2021-Present
PhD in Information Studies, Advisor: Amanda Lazar

Virginia Tech, Blacksburg, VA — 2017-2021
BS in Computer Science, Advisor: Sang Won Lee

PUBLICATIONS

Peer-Reviewed Archival Publications

1. **Ruipu Hu** and Amanda Lazar. *Surfacing Technology Routines While Studying Videoconferencing Among Older Adults with Cognitive Concerns.* In *Proceedings of the ACM CHI Conference on Human Factors in Computing Systems* (CHI '25). [PDF]

2. Amelia Short, Norman Makoto Su, **Ruipu Hu**, Eun Kyoung Choe, Hernisa Kacorri, Margaret Danilovich, David E. Conroy, Shannon Jette, Beth Barnett, and Amanda Lazar. *Tracking and its Potential for Older Adults with Memory Concerns.* In *Proceedings of the ACM CHI Conference on Human Factors in Computing Systems* (CHI '25). [PDF] **Best Paper Award**.

3. **Ruipu Hu**, Ge Gao, and Amanda Lazar. *Exploring Videoconferencing for Older Adults with Cognitive Concerns Using a Dramaturgical Lens.* In *Proceedings of the 26th ACM SIGACCESS Conference on Computers and Accessibility* (ASSETS '24). [PDF]

4. **Ruipu Hu**, Alisha Pradhan, Elizabeth Bonsignore, and Amanda Lazar. *Sustaining the Usefulness and Appeal of an Older Adult-led Makerspace through Developing and Adapting Resources.* In *Proceedings of the ACM on Human-Computer Interaction* (PACM HCI, CSCW '24). [PDF]

5. Daniel Manesh, Marx Boyuan Wang, **Ruipu Hu**, and Sang Won Lee. *Beyond TAP: Piggybacking on IFTTT to Connect Triggers and Actions with JavaScript.* In *Proceedings of the IEEE Symposium on Visual Languages and Human-Centric Computing* (VL/HCC '24). [PDF]

Lightly-Reviewed / Non-Archival Publications

1. **Ruipu Hu**, Nancy Roderer, and Amanda Lazar. *Studying Older Adults' Perceptions on AI Through AI Lectures.* Extended abstract presented at the *Workshop on Wireless and Mobile Computing for AgeTech* (MobiCom4AgeTech '24), in conjunction with ACM MobiCom '24. [PDF]

2. Marx Boyuan Wang, Daniel Manesh, **Ruipu Hu**, and Sang Won Lee. *IThem: Programming Internet of Things Beyond Trigger-Action Pattern.* In *Adjunct Proceedings of the ACM Symposium on User Interface Software and Technology* (UIST '22 Adjunct). [PDF]

3. Amber Aftab, **Ruipu Hu**, and Sang Won Lee. *Remo: Generating Interactive Tutorials by Demonstration for Online Tasks.* In *Adjunct Proceedings of the ACM Symposium on User Interface Software and Technology* (UIST '20 Adjunct). [PDF]

Under Review

1. **Ruipu Hu**, Eun Kyoung Choe, and Amanda Lazar. *Looking Beyond the Screen to Study the Technology Use of Older People Experiencing Cognitive Concerns.* Manuscript under review at the ACM CHI Conference on Human Factors in Computing Systems (CHI).

2. Amanda Lazar, Elissa Carpio, **Ruipu Hu**, Beth Barnett, Kibron Tesfatsion, Sheena Erete. *Interrogating the "Us" Versus "Them" Dichotomy in Technology Research with Older Adults.* Manuscript under review at the ACM CHI Conference on Human Factors in Computing Systems (CHI).

3. Reina Szeyi Chan, **Ruipu Hu**, Yuxiang Zhai, Jianrui Zhao, Xiang Zhi Tan. *Beyond One Side of Aging HCI: Assumptions, Tensions, and Shifting Identities of Student Researchers.* Manuscript under review at the ACM CHI Conference on Human Factors in Computing Systems (CHI).

AWARDS AND HONORS

HCIL Maryland Way Award Honorable Mention for Research Excellence - $250	2025
Best Paper Award - CHI 2025	2025
Dean's Fellowship Award - $2500	2021

TEACHING

Instructor, University of Maryland, College Park, MD   2025
INST 808: Seminar in Research Methods and Data Analysis
Designed and led graduate-level course that focuses on conducting qualitative research to understand behavioral and social aspects of information technology use and inform information system or technology design. The course will include a focus on study design, data collection, and analysis. Students will engage in a hands-on project involving qualitative data collection and analysis that culminates in a research paper about a topic of their choice.

MENTORING

Mital Shardaben, Master's Student, M.S. in Human-Computer Interaction (HCIM)   2024
University of Maryland, College Park

Wan-Ting Lo, Master's Student, M.S. in Human-Computer Interaction (HCIM)   2023
University of Maryland, College Park

ACADEMIC SERVICES

Late-Breaking Work Associate Chair, ACM Conference on Human Factors in Computing Systems (CHI)	2025
Reviewer, CHI	2023-2025
Reviewer, ACM Conference on Computer Supported Cooperative Work (CSCW)	2023-2025
Reviewer, The Association for the Advancement of Artificial Intelligence (AAAI) Symposia	2024
Reviewer, ACM Transactions on Accessible Computing (TACCESS)	2024
Reviewer, The Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)	2022
Student Volunteer, CSCW	2022

COMMUNITY SERVICES

Committee Member, Volunteer, Collaborator, Knollwood Independent Living and Assisted Living, Washington DC   09/2021 - current
Participated in committee meetings and assisted in organizing technology-related services.

Committee Member, Volunteer, Hyattsville Aging in Place, MD   08/2024 - current
Joining HAP steering committee and helping plan HAP programs.

1-on-1 Technology Consultant for Seniors, CCACC, MD   03/2024 - current
Providing weekly one-on-one virtual technology consultations to senior attendees hosted by Chinese Culture and Community Service Center (CCACC).

Instructor of Senior Computer Training, Benjamin Gaither Senior Citizen Center, MD 04/2024 - 06/2024
Designed and taught an 8-week technology training course for residents of the City of Gaithersburg.

TALKS AND PRESENTATIONS

Invited Panelist for "A Panel on Graduate School", University of Maryland   2025
Invited by Prof. Eun Kyoung Choe to share PhD experiences and insights with undergraduate students in the course "Do You Like Research?"

Invited Panelist for INST 802 "Pragmatic and Methodological Foundations for Information Studies", University of Maryland   2025
Invited by Prof. Sheena Erete to share experiences as a doctoral student on academic writing and research development

Invited Speaker at Columbia University HCI Seminar, Columbia University   2025
Exploring Videoconferencing Technology While Navigating Aging and Cognitive Changes

Presenter at CSCW, San José, Costa Rica   2024
Sustaining the Usefulness and Appeal of an Older Adult-led Makerspace through Developing and Adapting Resources

Presenter at ASSETS, St. John's, Canada   2024
Exploring Videoconferencing for Older Adults with Cognitive Concerns Using a Dramaturgical Lens

Presenter at HCIL Annual Symposium, University of Maryland   2024

Presenter at HCIL Annual Symposium, University of Maryland   2023

Presenter at HCIL Annual Symposium, University of Maryland   2022

Presenter at ACM Symposium on User Interface Software and Technology (UIST), online 2020