

MIMI TRINH

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EDUCATION

- Ph.D.** *University of Illinois Urbana-Champaign, Community Health (GPA: 3.9)*
Aug 2023 – estimated May 2026
Advised by Dr. Wendy Rogers
- M.S.** *University of Illinois Urbana-Champaign, Community Health (GPA: 3.9)* Aug 2020 – May 2023
Thesis: “Understanding Older Adults’ Motivations to Use Digital Health Technology”
Advised by Dr. Wendy Rogers
- B.S.** *Florida State University, Psychology (with honors in the major)* June 2015 - May 2019
Thesis: “Does Color Preference Influence Attention Capture?”
Advised by Dr. Walter Boot

RESEARCH AND TEACHING INTERESTS

Health technology
Human factors and aging
Motivation to adopt digital health technology
Robotics
Technology acceptance
User experience research

PUBLICATIONS

Journal Publications

Trinh, M., Harris, M. T., Azevedo, R. F. L., & Rogers, W. A. (2023). Understanding older adults’ perceptions of mHealth apps. *Gerontechnology*, 22(1), 1–7.
<https://doi.org/10.4017/gt.2023.22.1.841.10>

Manuscripts in preparation

Trinh, M., Hattakitjamroen, V., Rogers, W. A. (2024). (Submitted). Understanding Older Adults’ Motivations to Use Digital Health Portals. *Human Factors in Healthcare*.

Conference Papers & Proceedings

Mois, G., **Trinh, M. U.**, Afsar Ali, A. F., Vergara, L. G. L., & Rogers, W. A. (2023). Design Considerations for a Socially Assistive Robots in the Home to Support Older Adults. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 67(1), 542–548.
<https://doi.org/10.1177/21695067231194324>

Azevedo, R. F. L., **Trinh, M.**, Mitzner, T. L., Harris, M. T., & Rogers, W. A. (2022, October). Designing Instructional Materials for Older Adults to Successfully Onboard and Use mHealth Applications. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 66(1), 1492-1496

Azevedo, R. F. L., **Trinh, M.**, & Rogers, W. A. (2022, April). Understanding Older Adults' Willingness to Adopt a Digital mHealth Application. *Proceedings of the 2022 Human Factors and Ergonomics Society - Europe Chapter Annual Meeting*, Turin, Italy

Mitzner, T.L., Harris, M.T., Blocker, K.A., & **Trinh, M.U.** (2021, November). Developing Instructional Support for MEDSRem 2 Through Human Factors Design Principles. *Gerontological Society of America Annual Scientific Meeting*.

Hale, T.M., Smith, C., **Trinh, M.U.**, & Rogers, W. A. (2021, November). Usability Evaluation Methods Used to Ensure the Usability of the MEDSRem-2 System. *Gerontological Society of America Annual Scientific Meeting*.

Technical Reports

Azevedo, R.F.L., **Trinh, M.**, Mitzner, T.L., Harris, M.T., & Rogers, W.A. (2022). A human factors approach to designing instructional materials for the MEDSRem system. (MEDSRem-TR-23-01). Project: Improving Hypertension Medication Adherence for Older Adults, Arizona/Illinois.

CONFERENCE PRESENTATIONS

Trinh, M., Hattakitjamroen, V., Rogers, W. A. (2024). *Using the Integrated Model as the Foundation of Intrinsic Motivation*. To be presented at Human Factors and Ergonomics Society Healthcare Symposium, Chicago, IL, March 24 – 27, 2024

Trinh, M., Hattakitjamroen, V., Rogers, W. A. (2023). *Understanding Older Adults' Motivations to Adopt Digital Health Portal*. Gerontological Society of America, Tampa, FL, November 8 – 12, 2023

RESEARCH EXPERIENCE

Human Factors and Aging Laboratory Champaign, IL
Graduate Research Assistant

Medication Education, Decision Support, Reminding and Monitoring System (MEDSRem) RCT (Randomized Controlled Trial) Team Dec 2022 to Present
(Medication, Education, Decision Support, Reminding, and Monitoring System)

- Coordinate recruitment at the Illinois randomized clinical trial location and assist with participant data collection for data collection
- Participate in research design, data analysis and reporting, and interviewing

Socially Assistive Robots in Home Environments Aug 2022 to Present

- Responsible for conducting interviews for data collection and analysis pertinent to socially assistive robot acceptance within the home
- Analyze qualitative data and create presentations

AGE-Wear (Addressing Gaps in Equity through Wearables) Study Aug 2022 to Dec 2022

- Participated in coding data in MAXQDA
- Completed qualitative data analysis

Fall Safe Efficacy Project May 2021 to Dec 2022

- Organized IRB paperwork and conducted a literature review
- Cooperated and communicated with a multi-site team of therapists, physicians, and human factors specialists and conducted document and survey reviews of multiple sclerosis environmental modifications

MEDSReM Instruction Protocol Team

Aug 2020 to Dec 2022

- Cooperated in the design and implementation of instructional material for the MEDSReM app and website using human factors analyses
- Coauthor journal publications and technical reports

MEDSReM User Testing Team

Aug 2020 to Dec 2022

- Conducting user testing for feedback on developed icons and features within the mobile app interface
- Conduct usability evaluations and user testing of a mobile app and website user interface

WORK EXPERIENCE

Boeing

May 2023 – Aug 2023

Auburn, WA

Environment, Health, & Safety Ergonomist Intern

- Conducted a short-term study relating to safety culture and leadership perception of safety within the fabrication department
- Conducted a heuristic analysis on the Enablon system for usability awareness

TEACHING EXPERIENCE

Guest Lecturer**University of Illinois Urbana-Champaign**

Champaign, IL

Technology, Health and Aging in Community Health (CHLH 470)

Sep 29, 2022

- Lectured about UX design tools and how to utilize them to create prototypes within Figma

Human-Robot Interaction in Community Health (CHLH 400)

Sep 9, 2022

- Lectured on ethical issues in robot function, such as discussing dull, dirty, dangerous, and dear tasks of robots

Graduate Teaching Assistant**University of Illinois Urbana-Champaign**

Champaign, IL

Human-Robot Interaction in Community Health (CHLH 400)

Aug 2023 to Dec 2023

Graduate-level class with about 11 students, comprising both undergraduate and graduate students. Led class related to human-robot interaction and ethics

Contemporary Health (CHLH 100)

Aug 2021 to Oct 2021

Lectured an undergraduate course with about 45 students, covering the following topics: health behaviors, illness, and health management

Contemporary Health (CHLH 100)

Aug 2020 to Dec 2020

An online undergraduate course with about 500 students covering the following topics: health behaviors, illness, and health management

PROFESSIONAL AFFILIATIONS

Human Factors and Ergonomics Society (HFES), Student Member

Gerontological Society of America (GSA), Student Member

MENTORSHIP

Undergraduate students

Gabriella Schneider	Jan 2024 – Present
Hayder Zalzaleh	Oct 2023 – Dec 2023
Kaushik Perkari	Dec 2022 – May 2023
Hannah Serio	Jan 2022 – Dec 2022
Undergraduate Research Symposium - Impact of Daily Guides on MEDSReM© App Usage	
Eldrick Surheyao	Aug 2021 – Aug 2022
Undergraduate Research Symposium - The Importance of Manuals in Supporting Technology Use in Older Adults	

LANGUAGES

English: Native Language
Vietnamese: Native language

SKILLS

Adobe Suite (Illustrator, Lightroom, Photoshop)
Figma
MAXQDA
Microsoft Office
SPSS
Research design
Survey development
Data collection interviews
Publication writing
Bilingual (Vietnamese & English)