Debaleena Chattopadhyay, Ph.D.

Department of Computer Science | College of Engineering | University of Illinois Chicago

debchatt@uic.edu debaleena.com Google Scholar

ACADEMIC EMPLOYMENT

Assistant Professor, Tenure Track **October 2016 – Present**
Department of Computer Science, University of Illinois Chicago

Research Intern **2015**
Human Experience and Design (HxD) Group, Microsoft Research, Cambridge, UK

EDUCATION

Ph.D., Human-Computer Interaction **September 2016**
Luddy School of Informatics, Computing, and Engineering
Indiana University, Indianapolis, Indiana
Dissertation: Understanding interaction mechanics in touchless target selection. *Advisor:* Davide Bolchini

M.S., Computer Science **2011**
Department of Computer Science, College of Engineering and Applied Sciences
Stony Brook University, Stony Brook, New York
Thesis: Multimodal tagging of human motion using skeletal tracking with Kinect. *Advisor:* Tamara Berg

B.S., Computer Science & Engineering **2009**
Department of Computer Science and Engineering
West Bengal University of Technology, Kolkata, India

HONORS AND AWARDS

Research & Scholarship

Outstanding Paper Award, IEEE International Conference on Healthcare Informatics **2026**
One of the three top-ranked accepted full papers in the Human Factors track [A26]

Rising Innovator Excellence Award, UIC Center for Health in Cognitive Aging **2025**
Early-career award recognizing research excellence in cognitive aging; selected from nine center scientists

Best Poster Honorable Mention, ACM UbiComp/ISWC **2018**
Poster distinction (top 1.5% of accepted posters) at a leading ubiquitous-computing conference [E7]

Best Paper Honorable Mention, ACM CHI Late-Breaking Work **2016**
Top 5% of the Late-Breaking Work track at ACM CHI, the flagship HCI conference [E6]

Teaching

Teaching Recognition Program (TRP) Award, University of Illinois Chicago **2026**
University-level teaching award from the Office of the Provost, based on a peer-reviewed portfolio documenting sustained teaching excellence over three years

Teaching Award, UIC College of Engineering (COE) **2024**
College-level award recognizing teaching excellence

Teaching Award, UIC College of Engineering (COE) **2019**
College-level award recognizing teaching excellence

RESEARCH AND SCHOLARSHIP

Full Papers

[A30] Habibi, P.+, Baghershahi, P., Medya, S., & **Chattopadhyay, D.** (2026). Understanding Belief Dynamics in Visually Interactive Explanations of Graph Neural Network Predictions. *International Journal of Human-Computer Studies (IJHCS)*, in press.
+ denotes student mentee

[A29] Sharifi, H.+, Shomee, H. H.+, Lamar, M., Medya, S., & **Chattopadhyay, D.** (2026). Helping the Helper: LLM-Assisted Problem Articulation for Older Adults Seeking Technology Support. *28th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS)*, ACM, in press.

[A28] Swift, I.+, & **Chattopadhyay, D.** (2026). A Diffractive Analysis of GenAI through Perspectives on Productivity. *5th Symposium on Human-Computer Interaction for Work (CHIWORK)*, ACM, 12 pages.

[A27] Sakhnini, N.+, & **Chattopadhyay, D.** (2026). Patient Portal Use Among Older Adults: A Systematic Review and Meta-Analysis. *IEEE International Conference on Healthcare Informatics (ICHI)*.

[A26] Habibi, P.+, Vatani, H., Landes, P., Di Eugenio, B., Cameron, R., Boyd, A. D., Martyn-Nemeth, P., Dickens, C., Dunn Lopez, K., & **Chattopadhyay, D.** (2026). Patient-Centered Design Recommendations for AI-Generated Discharge Summaries. *IEEE International Conference on Healthcare Informatics (ICHI)*.
Outstanding Paper Award

[A25] Chronis, C., Chen, M., Du, L., Zhao, S., Ye, B., Delafrouz, P., Farooq, H., **Chattopadhyay, D.**, Marai, G. E., Shao, Z., Liang, J., & Czajkowsky, D. M. (2025). ChromPolymerDB: A High-Resolution Database of Single-Cell 3D Chromatin Structures for Functional Genomics. *Nucleic Acids Research*.

[A24] Sharifi, H.+, Michaelis, J., & **Chattopadhyay, D.** (2024). Development and Evaluation of the Mobile Tech Support Questionnaire for Older Adults. *26th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS)*, ACM, 18 pages.

[A23] Ghasemi, Y.+, **Chattopadhyay, D.**, Jeong, H., Kim, H., & Huang, J. (2024). Effects of Self-Learning and Exploration for XR-based Interactions. *Human Factors and Ergonomics Society Annual Meeting (HFES)*, Vol. 68, No. 1, pp. 1215–1220.

[A22] Yu, J.+, & **Chattopadhyay, D.** (2024). Reducing the Search Space on demand helps Older Adults find Mobile UI Features quickly, on par with Younger Adults. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, ACM, 22 pages.

[A21] Sharifi, H.+, & **Chattopadhyay, D.** (2023). Senior Technology Learning Preferences Model for Mobile Technology. *International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI)*, ACM, 39 pages.

[A20] Yu, J.[+], Parde, N., & **Chattopadhyay, D.** (2023). "Where is history": Toward Designing a Voice Assistant to help Older Adults locate Interface Features quickly. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, ACM, 19 pages.

[A19] Habibi, P.[+], & **Chattopadhyay, D.** (2021). The Impact of Handedness on User Performance in Touchless Input. *International Journal of Human-Computer Studies*, 149, 102600.

[A18] Knowles, B., Hanson, V. L., Rogers, Y., Piper, A. M., Waycott, J., Davies, N., Ambe, A., Brewer, R. N., **Chattopadhyay, D.**, et al. (2021). The Harm in Conflating Aging with Accessibility. *Communications of the ACM*.

[A17] Dunn Lopez, K., Chae, S., Girgis, M., Fraczkowski, D., Habibi, P.[+], **Chattopadhyay, D.**, & Donevant, S. B. (2021). Improved readability and functions needed for mHealth apps targeting patients with heart failure: An app store review. *Research in Nursing & Health*, 44(1), 71–80.

[A16] Yu, J.[+], & **Chattopadhyay, D.** (2020). "Maps are hard for me": Identifying how Older Adults Struggle with Mobile Maps. *22nd International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS)*, ACM, Article 40, 1–8.

[A15] **Chattopadhyay, D.**, Ma, T.[+], Sharifi, H.[+], & Martyn-Nemeth, P. (2020). Computer-Controlled Virtual Humans in Patient-Facing Systems: Systematic Review and Meta-Analysis. *Journal of Medical Internet Research*, 22(7), e18839.

[A14] Sakhnini, N.[+], Yu, J.[+], Jones, R. M., & **Chattopadhyay, D.** (2020). Personal Air Pollution Monitoring Technologies: User Practices and Preferences. *HCI International 2020 – Late Breaking Papers (HCII)*, Springer, Cham.

[A13] Acharya, S., Di Eugenio, B., Boyd, A. D., Cameron, R., Dunn Lopez, K., Martyn-Nemeth, P., **Chattopadhyay, D.**, Habibi, P.[+], Dickens, C., Vatani, H., & Ardati, A. (2019). A Quantitative Analysis of Patients' Narratives of Heart Failure. *Annual Meeting of the Special Interest Group on Discourse and Dialogue (SIGDIAL)*.

[A12] **Chattopadhyay, D.**, Verma, N., Duke, J. D., & Bolchini, D. (2018). Design and Evaluation of Trust-Eliciting Cues in Drug-Drug Interaction Alerts. *Interacting with Computers*, 30(2), 85–98.

[A11] **Chattopadhyay, D.**, Salvadori, F., O'Hara, K., & Rintel, S. (2017). Beyond presentation: Shared slideware control as a resource for collocated collaboration. *Human-Computer Interaction*, 33(5–6), 455–498.

[A10] MacDorman, K. F., & **Chattopadhyay, D.** (2017). Categorization-based stranger avoidance does not explain the uncanny valley effect. *Cognition*, 161, 132–135.
[A9] **Chattopadhyay, D.**, O'Hara, K., Rintel, S., & Rädle, R. (2016). Office Social: Presentation interactivity for nearby devices. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, 2487–2491, ACM.

[A8] **Chattopadhyay, D.**, & MacDorman, K. F. (2016). Familiar faces rendered strange: Why inconsistent realism drives characters into the uncanny valley. *Journal of Vision*, 16(11), 1–25.

[A7] MacDorman, K. F., & **Chattopadhyay, D.** (2016). Reducing consistency in human realism increases the uncanny valley effect; increasing category uncertainty does not. *Cognition*, 146, 190–205.

[A6] **Chattopadhyay, D.**, Rohani Ghahari, R., Duke, J. D., & Bolchini, D. (2015). Understanding advice shar-

ing among physicians: towards trust-based clinical alerts. *Interacting with Computers*, 28(4), 532–551.

[A5] **Chattopadhyay, D.**, & Bolchini, D. (2015). Motor-intuitive interactions based on image schemas: aligning touchless interaction primitives with human sensorimotor abilities. *Interacting with Computers*, 27(3), 327–343.

[A4] **Chattopadhyay, D.**, & Bolchini, D. (2014). Touchless Circular Menus: Toward an intuitive UI for touchless interactions with large displays. *International Working Conference on Advanced Visual Interfaces (AVI)*, 33–40, ACM.

[A3] Yun, K., Carrillo, J. H., **Chattopadhyay, D.**, Berg, T. L., & Samaras, D. (2012). Two-person interaction detection using body-pose features and multiple instance learning. *Computer Vision and Pattern Recognition Workshops*, 28–35, IEEE.

[A2] Berg, T. L., **Chattopadhyay, D.**, Schedel, M., & Vallier, T. (2012). Interactive music: Human motion initiated music generation using skeletal tracking by Kinect. *Society for Electro-Acoustic Music in the United States*, Wisconsin, USA.

[A1] Bhowmick, B., & **Chattopadhyay, D.** (2009). Shot boundary detection using texture feature based on co-occurrence matrices. *International Conference on Multimedia, Signal Processing and Communication Technologies*, 165–168, IEEE.

Extended Abstracts

[E32] Sakhnini, N.$^{+}$, & **Chattopadhyay, D.** (2026). More Older Adults Try Patient Portals in Recent Years, but Many Don't Continue: A Meta-Analysis. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, ACM.

[E31] Habibi, P.$^{+}$, & **Chattopadhyay, D.** (2026). Bimanual Mid-Air Multi-Object Manipulation of Graph Data with Gesture Phrasing. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, ACM.

[E30] **Chattopadhyay, D.**, & Mubashshira, T.$^{+}$ (2025). Unpacking Value Tensions in Older Adults' Engagement with Generative AI. *Innovation in Aging*.

[E29] **Chattopadhyay, D.** (2025). How Age-Related Changes in Spatial Cognition Challenge Navigating Digital Interfaces. INTERACT Navigation Workshop, *INTERACT*, Belo Horizonte, Brazil.

[E28] **Chattopadhyay, D.**, & Mubashshira, T.$^{+}$ (2025). Navigating Digital Security and Usability Challenges for Older Adults with Cognitive Concerns. *Innovation in Aging*.

[E27] **Chattopadhyay, D.**, Sharifi, H.$^{+}$, Shomee, H. H.$^{+}$, & Medya, S. (2025). Exploring AI-Assisted Query Reformulation for Older Adults Seeking Technology Support. *Innovation in Aging*.

[E26] Sharifi, H.$^{+}$, Shomee, H. H.$^{+}$, Medya, S., & **Chattopadhyay, D.** (2025). How Older Adults Communicate their Technology Problems: Challenges and Design Opportunities. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, ACM.

[E25] Habibi, P.$^{+}$, & **Chattopadhyay, D.** (2024). Bimanual, mid-air multi-selection techniques in virtual reality. *International Symposium on Mixed and Augmented Reality (ISMAR)*, IEEE.

[E24] Chiarle, M.[+], Roffarello, A. M., & **Chattopadhyay, D.** (2024). Exploring Trigger-Action Programs for Designing Self-Control Tools in Mobile Devices. *MobileHCI*, ACM.

[E23] Sakhnini, N.[+], Sharifi, H.[+], & **Chattopadhyay, D.** (2024). How Proficiency and Feelings impact the Preference and Perception of Mobile Technology Support in Older Adults. *26th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS)*, ACM, 5 pages.

[E22] Habibi, P.[+], Baghershahi, P., Medya, S., & **Chattopadhyay, D.** (2024). Design Requirements for Human-Centered Graph Neural Network Explanations. HCXAI Workshop, *CHI*, Honolulu.

[E21] Swift, I.[+], & **Chattopadhyay, D.** (2024). A Value-Oriented Investigation of Photoshop's Generative Fill. GenAICHI Workshop, *CHI*, Honolulu.

[E20] Sharifi, H.[+], & **Chattopadhyay, D.** (2023). A Cross-Cultural Study of Relational Maintenance in Tech Caregiving. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, ACM.

[E19] Sakhnini, N.[+], & **Chattopadhyay, D.** (2022). A Review of Smartphone Fact-Checking Apps and their (Non) Use Among Older Adults. *MobileHCI*, ACM.

[E18] Yu, J.[+], & **Chattopadhyay, D.** (2020). Supporting Older Adults in Locating Mobile Interface Features with Voice Input. *22nd International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS)*, ACM.

[E17] Sengupta, K., Sarcar, S., Pradhan, A., McNaney, R., Sayago, S., **Chattopadhyay, D.**, & Joshi, A. (2020). Challenges and Opportunities of Leveraging Intelligent Conversational Assistants to Improve the Well-being of Older Adults. SIG Proposal. *ACM CHI*, ACM.

[E16] Dunn Lopez, K., Chae, S., Girgis, M., Fraczkowski, D., Habibi, P.[+], **Chattopadhyay, D.**, & Donevant, S. B. (2020). Improved Readability and Functions needed for mHealth apps targeting patients with heart failure. *Midwest Nursing Research Society (MNRS) 44th Annual Research Conference*, Chicago.

[E15] Vatani, H., Acharya, S., Boyd, A. D., Di Eugenio, B., Cameron, R., Martyn-Nemeth, P., **Chattopadhyay, D.**, Habibi, P.[+], Dickens, C., Ardati, A., & Dunn Lopez, K. (2019). Patients' Perceptions of Heart Failure Through the Lens of Standardized Nursing Terminologies. *AMIA*, Washington, D.C.

[E14] Acharya, S., Di Eugenio, B., Boyd, A. D., Cameron, R., Dunn Lopez, K., Martyn-Nemeth, P., **Chattopadhyay, D.**, Habibi, P.[+], Dickens, C., Vatani, H., & Ardati, A. (2019). Promoting Patient Engagement Through Personalized Hospital-Stay Summaries. *IEEE International Conference on Biomedical & Health Informatics (BHI)*, Chicago.

[E13] Habibi, P.[+], Acharya, S., Di Eugenio, B., Cameron, R., Boyd, A. D., Dunn Lopez, K., Martyn-Nemeth, P., Dickens, C., Ardati, A., & **Chattopadhyay, D.** (2019). Designing self-care technologies for HF patients: A conceptual model. Workgroup on Interactive Systems in Healthcare, *CHI*, Glasgow.

[E12] **Chattopadhyay, D.** (2019). Designing for Older Adults: Beyond Accessibility. Position paper, HCI and Aging: Beyond Accessibility Workshop, *CHI*, Glasgow.

[E11] Habibi, P.[+], & **Chattopadhyay, D.** (2019). A Left-Hand Advantage: Motor Asymmetry in Touchless Input. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, ACM.

[E10] Ma, T.$^{+}$, Sharifi, H.$^{+}$, & **Chattopadhyay, D.** (2019). Virtual Humans in Health-Related Interventions: A Meta-Analysis. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, ACM.

[E9] Naik, H.$^{+}$, & **Chattopadhyay, D.** (2019). An Extensible Data Collection and Annotation Tool for Co-located Group Interactions. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, ACM.

[E8] **Chattopadhyay, D.** (2018). Toward a Bayesian Approach for Self-Tracking Personal Pollution Exposures. *UbiComp Adjunct*, 1166–1171, ACM.

[E7] Sakhnini, N.$^{+}$, Yu, J.$^{+}$, & **Chattopadhyay, D.** (2018). myCityMeter: Helping Older Adults Manage the Environmental Risk Factors for Cognitive Impairment. *UbiComp Adjunct*, 235–238, ACM.
Best Poster Honorable Mention

[E6] **Chattopadhyay, D.**, Duke, J. D., & Bolchini, D. (2016). Endorsement, prior action, and language: modeling trusted advice in computerized clinical alerts. *ACM CHI Conference on Human Factors in Computing Systems (CHI)*, 2027–2033, ACM. ***Best Paper Honorable Mention***

[E5] **Chattopadhyay, D.** (2015). Toward motor-intuitive interaction primitives for touchless interfaces. *International Conference on Interactive Tabletops and Surfaces (ITS)*, 445–450, ACM.

[E4] **Chattopadhyay, D.** (2015). Exploring perceptual and motor Gestalt in touchless interactions with distant displays. *International Conference on Tangible, Embedded and Embodied Interaction (TEI)*, 433–436, ACM.

[E3] **Chattopadhyay, D.**, Achmiz, S., Saxena, S., Bansal, M., Bolchini, D., & Voida, S. (2014). Holes, pits, and valleys: guiding large-display touchless interactions with data-morphed topographies. Ext. Abstracts, *UbiComp*, 19–22, ACM.

[E2] **Chattopadhyay, D.**, Pan, W., & Bolchini, D. (2013). A 'Stopper' metaphor for persistent visual feedback in touchless interactions with wall-sized displays. *International Symposium on Pervasive Displays (PerDis)*, Mountain View, CA.

[E1] **Chattopadhyay, D.**, & Bolchini, D. (2013). Laid-back, touchless collaboration around wall-size displays: visual feedback and affordances. Position paper, Workshop on Interactive, Ultra-High-Resolution Displays, *CHI*, Paris.

PUBLIC ENGAGEMENT

Technology Caregiving Op-Ed, *The Washington Post* **March 2026**
Authored piece syndicated nationally to *The Washington Post* Sunday Print Edition + Digital.
Reach: ~80,000 readers and ~800 reader comments.

Featured Interview, *Business Insider* **February 2025**
Subject matter expert interview on digital technology barriers for older adults and the future of gerontechnology.

INVITED TALKS

Research Colloquium

Midwest Roybal Center for Health Promotion and Translation, UIC — **October 2026**
Developing AI-Derived Cognitive Vital Signs from Digital Activities of Daily Living.

Rice University, Department of Computer Science — **May 2024**
A digital inclusion quandary: Why tech ownership does not imply tech use in older adults.

University of Houston, Technology Division — **May 2024**
A digital inclusion quandary: Why tech ownership does not imply tech use in older adults.

Institute on Aging, University of Texas Health, Houston — **May 2024**
A digital inclusion quandary: Why tech ownership does not imply tech use in older adults.

Marquette University, Department of Computer Science — **October 2018**
Designing beyond-the-desktop technologies for older adults.

Academy of Management Professional Development Workshop Keynote — **August 2018**
Virtual characters in health-related assessments.

DePaul University, College of Computing and Digital Media — **May 2018**
Thinking about affordances to design interactive systems.

Community Outreach

Gerontological Society of America (GSA), Career Conversation — **August 2026**
How AI shapes your research, work, and life

Mass. Executive Office of Aging & Independence and MassTech — **June 2026**
From Overwhelmed to Empowered: A Caregiver's Guide to Navigating Technology

Skyline Village Chicago — **May 2026**
Aging in the Age of AI

TEACHING

Instructor

Department of Computer Science, University of Illinois Chicago

CS 422: User Interface Design and Programming — **7 Semesters**

Spring 2026	(Enrollment: 58)
Fall 2023	(73)
Fall 2022	(61)
Fall 2021	(92)
Spring 2021	(126)
Spring 2019	(89)
Spring 2018	(68) *100% Course Redesign*

CS 522: Human-Computer Interaction — **7 Semesters**

Fall 2026 (10)
Fall 2025 (30)
Fall 2024 (36)
Spring 2022 (29)
Fall 2020 (17)
Fall 2017 (35)
Spring 2017 (22) *100% Course Redesign*

CS 535 / 594: User Experience (UX) Research Methods **5 Semesters**
Spring 2026 (4)
Spring 2025 (35)
Spring 2024 (30) *New course developed*
Spring 2023 (21)
Fall 2018 (9)

Guest Lectures

Ergonomics & Human Factors **2020**
Dept. of Mechanical & Industrial Engineering

Research Methods in HCI **2017, 2018**
Department of Computer Science

Designing for Empathy in Virtual Humans **2017**
Department of Communication

Advising

Ph.D. Students

Tasneem Mubashshira **Fall 2024 – Present**
Ph.D. Candidate

Nina Sakhnini **Fall 2019 – Present**
Ph.D. Candidate

Hasti Sharifi **Graduated April 2025**
Helping Older Adults with Ongoing Mobile Technology Use: Challenges and Design Opportunities
Placement: Full-Stack Software Engineer at Steelcase

Pantea Habibi **Graduated Sep 2024**
Understanding Lateral Asymmetry in Touchless Interaction
Placement: Postdoctoral Researcher at Georgia Tech School of Industrial and Systems Engineering

Ja Eun Yu **Graduated May 2024**
Supporting Older Adults Navigate Feature-rich Mobile UIs with Voice Input
Placement: Postdoctoral Researcher at the Department of Medicine, UC San Francisco

M.S. Students

Chesta Dewangan **Graduated May 2025**
Project–GraphDiffUI: Understanding UI Change through Graph Intelligence

Vibha Navale **Graduated May 2025**
Project–Automated Visual Tech Support for Older Adults

Eric Leon **Graduated May 2024**
Project–AI Troubleshooting Android App

Mattia Chiarle — **Graduated** May 2024
Thesis–Trigger-Action Programming in Digital Self-Control Tools

Nina Sakhnini — **Graduated** May 2019
Thesis–Towards self-tracking personal pollution exposure using wearables

Venkata Ramkiran Chevendra — **Graduated** May 2018
Project–Collabsearch: A lightweight app for remote collaboration

Undergraduate Students

UIC Honors College

Daniel Kolawole	2025 – Present
Simah Riaz	2025 – Present
Andres Tapia	2023
Daniel LeVert	2021
Giovanni Garcia	Summer 2017

College of Engineering

Justin Perez	Summer 2024
Iderbileg Naranbaatar	Summer 2024
Ammar Bahrainwala	Summer 2024
Damian Charczuk	Summer 2019
Julianne Pabona	Summer 2019
Anthony Beltran	Summer 2018
Kaveesha Weerasiri	Summer 2018
Jack Delaney	Summer 2017
Maxwell Dausch	Summer 2017

CRA-W Distributed Research Experiences for Undergraduates (DREU) Program

Mariko Kamiya	Summer 2017
Taylor Day	Summer 2017

SERVICE

Service to the Department

Ph.D. Dissertation Committees

Khushboo Gupta — 2026 – Present

Baris Karacan — 2025 – Present

Veronica Grosso — 2025 – Present

Anuja Tayal — 2024 – Present

Ashwini Naik — Graduated 2024
Multimodal Situated Analytics for Analyzing Conversations in XR

Shahla Farzana — Graduated 2024
Dementia Detection through Spontaneous Speech

Sai Priya Jyothula — **Graduated 2024**
Supporting Metaphor Elicitation in Asymmetric Virtual Environments

Arthur Nishimoto — **Graduated 2023**
Collaborative AR for VR Display Wall Environments

Haleh Vatani — **Graduated 2022**
Dyadic and Polyadic Heart Failure Self-Care from Informal Caregivers

Krishna Bharadwaj — **Graduated 2021**
Hybrid Collaborative Virtual Environments

Jillian Aurisano — **Graduated 2021**
Interaction with Multiple Visualizations Through Natural Language

Kristina Sawyer — **Graduated 2021**
HMC Case Study on Amazon Go Cashierless Stores

Sabita Acharya — **Graduated 2019**
Generating Personalized Hospital-Stay Summaries for Patients

Tomas Gerlich — **Graduated 2017**
Rigid Multi-Motion Optical Flow Estimation

MS Committees

Adrian Knight — **Graduated 2026**
Thesis–Visual Feedback for Tongue Movement Analysis

Chris Wood — **Graduated 2025**
Project–Virtual Private File System

Veronica Grosso — **Graduated 2023**
Thesis–The Impact of Robot Co-location on Student Learning Experiences

Khushbu Durge — **Graduated 2018**
Project–Activity recognition using android accelerometer sensor

Written Critique & Presentation (WCP) Committees

18 Kening Zheng · Karim El Husseini · Sina Gogani Khiabani · Tasneem Mubashshira · **Veronica Grosso (Chair)** · Khushboo Gupta · Yuqing Liu · **Md Anisur Rahman (Chair)** · Mingquan Ye · Nina Sakhnini · Ben Baenen · Hasti Sharifi · Ja Eun Yu · Mojtaba Malekpourshahraki · Pantea Habibi · Harish Naik · Hai Thanh Tran · Kyle Almryde.

Administrative Committees

Member, Student Engagement & Recruitment — **2026 – Present**
Member, Graduate Committee — **2021 – Present**
Member, Tenure-Track Search Committee — **2017 – 2021**
Member, CS Advisory Committee — **2021 – 2022**
Faculty Advisor, Audio Engineering Society (Student Chapter) — **2017 – 2020**
Commencement Marshal — **May 2017**

Service to the University

University of Illinois Chicago (UIC)
Honors College Faculty Fellow — **2024 – Present**

External Member, Search Committees, Dept. of Communication **2019 – 2021, 2024**
Served on both Tenure-Track and Bridge to Faculty (B2F) search committees.
Faculty Mentor, UIC Delegation to the Grace Hopper Celebration **2018**

Service to the Profession

Grant Review Panels

National Science Foundation (NSF) Panel Reviewer **2017, 2018, 2024, 2026**
Discovery Partners Institute (DPI) Panel Reviewer **2019**

Scientific Program Committees

ACM CHI (Associate Chair) **2019, 2020, 2022, 2024, 2025**
ACM MobileHCI Late-Breaking Work (LBW) **2023**
UbiComp/ISWC Doctoral Colloquium (Expert Panel) **2020**
ACM CHI (Session Chair) **2019**
ACM CHI Late-Breaking Work (LBW) **2019**
GCASR (Organizing Committee: Poster & Web Chair) **2018**

Peer Reviewing

Conferences: CHI, ASSETS, MobileHCI, UIST, INTERACT, HRI, IUI, DIS, ISS, TEI, AVI, UbiComp, NordiCHI, ICHI.

Journals: *TOCHI*, *Intl. Journal of Human-Computer Studies*, *IJHCI*, *Innovation in Aging*, *Behaviour & IT*, *IMWUT*, *JMIR*.

Community Engagement & Broader Impacts

Digital Literacy Workshop Series **2024 – 2025**

Led mobile technology workshop series at the Chicago Public Library, Oak Park Public Library, and The Village Chicago.
Reach: ~100 older adult participants across 13 sessions.

Daniel Boone Elementary School **June 2019**

Invited Speaker on Career Day: Becoming a Computer Scientist

Last updated 2026-10-07