

---

Jina Huh-Yoo, MHCI, PhD

Associate Professor, Department of Computer Science  
The Charles V. Schaefer, Jr. School of Engineering and Science  
Stevens Institute of Technology, Hoboken, NJ 07030  
jhuhyoo@stevens.edu  
jinahuhyoo.com

---

Education

|         |           |                                                                                                                                                                                                                                                                                                                                                               |
|---------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Postdoc | 2011-2013 | NIH-NLM Postdoctoral Fellowship<br>University of Washington, Seattle, WA<br>Department of Biomedical Informatics and Medical Education<br>School of Medicine<br>Mentor: Wanda Pratt<br>Co-mentor: George Demiris                                                                                                                                              |
| Ph.D.   | 2004-2011 | Ph.D. in Information<br>Specialization in Human-Computer Interaction<br>University of Michigan, Ann Arbor, MI<br>School of Information<br>Thesis: <i>Collaborative Help for Individualized Problems: Learning from the MythTV User Community and Diabetes Support Groups</i> (Funded by NSF #0905460)<br>Advisor: Mark S. Ackerman<br>Co-advisor: Mark Newman |
| Master  | 2003-2004 | Master of Human-Computer Interaction<br>Carnegie Mellon University, Pittsburgh, PA<br>School of Computer Science<br>Human-Computer Interaction Institute<br>Graduation Project: <i>In-car juke-box</i> in collaboration with a major U.S. automobile company                                                                                                  |
| B.A.    | 1999-2003 | Bachelors of Arts in Multimedia Design<br>Korea National University of Arts, Seoul, South Korea<br>Department of Multimedia Design<br>School of Film and Multimedia<br>Graduation Project: "Three" 3D Graphic animation<br>Mentors: Yoonhee Chang, Hyung-soo Kim                                                                                              |

Enrolled                      Mar-Jul/1998      Ewha Woman's University, Seoul, South Korea  
Department of Design

Professional Experience

|           |                                                                                                                                                                                                                           |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2024-     | Associate Professor (Tenured), Stevens Institute of Technology<br>The Charles V. Schaefer, Jr. School of Engineering and Science<br>Department of Computer Science                                                        |
| 2023-2024 | Associate Professor (Tenured), Drexel University<br>College of Computing and Informatics<br>Department of Information Sciences                                                                                            |
| 2019-2023 | Assistant Professor (Tenure-Track), Drexel University<br>College of Computing and Informatics<br>Department of Information Sciences                                                                                       |
| 2018      | Usability Consultant, Novo Vivo, Inc<br>A start-up company providing services on biomedical data<br>aggregation, collection and analysis using innovative privacy and<br>security technology.                             |
| 2015-2018 | Assistant Adjunct Professor, University of California San Diego<br>School of Medicine, Department of Medicine<br>Division of Biomedical Informatics                                                                       |
| 2013-2015 | Assistant Professor (Tenure-Track), Michigan State University<br>College of Communication Arts and Sciences<br>Department of Media and Information                                                                        |
| 2013-2015 | Adjunct Assistant Professor, Michigan State University<br>College of Nursing, College of Engineering                                                                                                                      |
| 2011-2013 | National Library of Medicine Postdoctoral Fellow, University of<br>Washington<br>School of Medicine<br>Division of Biomedical and Health Informatics                                                                      |
| 2010-2011 | Graduate Research Assistant, University of Michigan<br>PIs: Mark W. Newman and Mark S. Ackerman<br>NSF #0905460 Supporting social sharing of expertise in<br>configuration                                                |
| 2009-2010 | Graduate Research Assistant, University of Michigan<br>PI: Martha Pollack<br>NSF #0705103 Designing interface for preference-based<br>scheduling system<br>Medical Rehabilitation Center, University of Michigan Hospital |
| 2007      | Research Intern, Social Computing Group. IBM Watson,<br>Hawthorne, NY                                                                                                                                                     |

Mentors: Wendy Kellogg, Thomas Erickson, and Laurretta Jones  
Role of corporate internal blog

2004-2005 Graduate Research Assistant, University of Michigan  
PI: Barbara Mirel  
USDA Assisting policy makers' decision-making through an analytical system

1999-2002 Freelance Web Designer

- Website "Information Standardization Valley," National IT Industry Promotion Agency. South Korea (11/2002)
- Designed a website for a music academy: Musecall.com. South Korea (1999)

### Certificates

2012 Completed the Coursera course: "Natural Language Processing" taught by Professors Dan Jurafsky and Christopher Manning, Stanford University

### Awards

2023 Best Paper Award, ACM Designing Interactive Systems 2023

2020-2021 Drexel University Medical Student Summer Research (Nishtha Gupta, Emily Schramm, Rishabh Matta, Vyshnavi Anandan): "Role of laugh and humor in therapist-patient interaction," "Understanding ageism on social media," "Developing mobile health for underserved youth," "Supporting autistic adults and social anxiety"

2020 Honorable Mention Award, EAI Pervasive Health 2020

2016 UC San Diego Center for Translational Research Institute Research Development Award

2016 Honorable Mention Poster Award, Quantified Self—Health Data Exploration Meeting, Robert Wood Johnson Foundation. Calit2, UC San Diego

2015 NYU Langone Medical Center/Columbia University Summer Research Training Institute at the Center for Stroke Disparities Solutions (CSDS) Program

2014 Selection of Best Paper in IMIA Yearbook 2014. Yearb Med Inform, 9, 197–198.

2014 Distinguished Paper Award, AMIA 2014

2013 Distinguished Paper Award, AMIA 2013

2013 Honorable Mention Award, ACM CHI 2013

2013 NIH mHealth Summer Institute Scholarship. UCLA.

2011 Workshop of Interactive Systems in Healthcare (WISH) mentorship award

2011 Rackham Dissertation Fellowship

- 2010 Grace Hopper Underwriters Scholarship (funded by Yahoo!)  
Grace Hopper Women in Computing Conference, Sept 28 ~ Oct 2, 2010.  
Atlanta, GA.
- 2009 Grace Hopper Underwriters Scholarship  
Grace Hopper Women in Computing Conference, Sept 30 ~ Oct 3, 2009.  
Tucson, AZ.
- 2009 Rackham Graduate Student Research Grant
- 2009 ACM CHI '09 Doctoral Consortium
- 2008 Honorable Mention at the Workplay 2008 Competition, University of Michigan  
Group "The Hub" with Ben Congleton, Paul Hartzog, Jiang Yang, and Nicholas  
Senske. Designed a future awareness crowd information hub for the North  
Campus.
- 2008 Graduate Fellow, NSF Workshop on Values in Design. August 8-16, 2008. Santa  
Clara University. Directors: Geoffrey Bowker, Helen Nissenbaum
- 2000 Full Scholarship, Korea National University of Arts
- 1999 Full Scholarship, Korea National University of Arts

### Grants Received

As Principal Investigator (PI)

- 2022-2027 NSF CAREER #2144880 (\$599,993)  
Role: PI  
DURAIS: A Platform for Co-Designing and Understanding the Roles of  
Conversational Artificial Intelligence Systems on Caregiving
- 2021-2022 NSF SBE Ethical and Responsible Research #22124894 (\$45,450)  
Role: PI  
New Frameworks for Ethical Research Amidst Emerging Digital  
Technologies, Algorithms, and Privacy Norms.  
Co-PIs: Edward Kim, Sangeeta Panicker
- 2021-2022 VoiceXML Forum (\$25,000)  
Role: Lead PI  
VoiceXML-based Conversational Agent for the Caregivers of Alzheimer's  
and Alzheimer's Related Dementia Patients.  
Collaborators: Aleksandra Sarcevic, Erjia Yan, Rose Ann Dimaria-Ghalili,  
Laura Gitlin
- 2020-2021 Cell2Society Aging Research Network (\$5,000)  
Role: PI  
Technology adoption and health information technology use among older  
adults.  
Co-I: Rose Ann DiMaria-Ghalili, Leslie McClure

2020-2021 Faculty Summer Research Award (\$7,000)  
 Role: PI  
 Changing Social Network Site Use and the Social Isolation of Older Adults.  
 Collaborators: Alex Poole, Mat Kelly, Erjia Yan, Rose Ann DiMaria-Ghalili

2016-2018 NSF IIS Smart and Connected Health #1622626 (\$941,455)  
 Role: Lead PI, in collaboration with #1622659 (\$879,240)  
 SCH: INT: Collaborative: Unobtrusive sensing and feedback for family wellness  
 MSU site PI: Guoliang Xing; Co-PI: Wei Peng

2017-2018 UC San Diego Health Sciences Academic Senate Grant Program (\$10,000)  
 Role: PI  
 Assessing efficacy of passive and active forms of expressive art therapy in inpatient services

2013-2016 NIH NLM Career Development Award in Biomedical Informatics 5K01LM011980 (\$466,351)  
 Role: PI  
 InfoMediator: Weaving Clinical Expertise in Online Health Communities

2015-2016 Center for Innovation and Research, Michigan State University-Sparrow Hospital (\$50,000)  
 Role: PI  
 Mobile Tool to Aid Health Behavior Choices  
 Co-PIs: Pang-Ning Tan, Paul Entler, Barbara Given

As Co-Investigator (Co-I) \*NSF's Co-PI is NIH's Co-I

2024-2027 NIH AHRQ 1R18HS030071-01 (\$449,999)  
 Role: Co-I  
 Implementing decision support for long term care.  
 PI: Mustafa Ozkaynak

2024 Elizabeth Caroline Crosby Grants (\$20,000)  
 Role: Collaborator.  
 Establishing an equitable community partnership for impactful digital mental health intervention focused on youth.  
 PI: Gabriela Marcu

2020-2021 Cell2Society Aging Research Network (\$5,500)  
 Role: Co-I  
 Smart Cup: Developing a Mobile-Friendly Web App Interface and Associated Training Materials for Fluid Intake Monitoring in Older Adults.  
 PI: Rose Ann DiMaria-Ghalili

2018 NIH NHLBI R01 1R01HL136835-01A1 (\$1,656,557)  
 Role: Co-I

- Protecting Privacy and Facilitating Shared Access of Clinical and Genetic Data of Special Populations. PI: Lucila Ohno-Machado
- 2015-2017 NIH R01 HG008802 (\$1,324,059)  
 Role: Co-I  
 iCONCUR: Informed CONsent for Clinical data and biosample Use for Research  
 Multiple PIs: Lucila Ohno-Machado, Hyeoneui Kim, Xiaoqian Jiang
- 2015-2016 Michigan State University Trifecta Pilot Grant Award (\$10,000)  
 Role: Co-I  
 Intervention with parents to increase physical activity and healthy eating among their adolescent children. PI: Lorraine Robbins
- 2015-2016 Pilot Project 2.2 - Intelligent Search expansion and Visualization of Datasets (iSEE-DELVE) (\$70,000)  
 Role: Pilot study co-investigator  
 Pilot project for NIH 1U24AI117966-01 BioCADDIE: Biomedical and Healthcare Data Discovery and Indexing Engine Center. PI: Lucila Ohno-Machado

## Publications

\* indicates research advisee.

### *Journals*

The Impact Factor (IF) is based on what was most recently reported by the journal as of July 8<sup>th</sup> of 2022. If the journal is ranked within Top 20 Google H5-index ranking as of July 2022, the rank has been included. If not, the h-index is reported. Starting publications in 2023, the IF and H5-index are updated for the publications of that year at the time of publication.

- j32 Huh-Yoo J, Smriti D, Wang L. Emotion Work in Caregiving: The Role of Technology to Support Informal Caregivers of Persons Living With Dementia. *Proceedings of the ACM on human-computer interaction*. 2024 Apr 26;8(CSCW1):1-34.
- j31 Litke S, Resnikoff A, Anil A, Montgomery M, Matta R, Huh-Yoo J, Daly B. Mobile Technologies for Supporting Mental Health in Youths: Scoping Review of Effectiveness, Limitations, and Inclusivity. 2023. *JMIR Ment Health*. 2023 Aug 23;10:e46949. doi: 10.2196/46949. PMID: 37610818; PMCID: PMC10467602.  
 IF: 5.64, Google H5-Index Rank-Medical Informatics: 46
- j30 Schramm E\*, Yang C, Chang CH, Mulhorn K, Yoshinaga S, Huh-Yoo J. Examining Public Awareness of Ageist Terms on Twitter: Content Analysis.

Journal of medical Internet research Aging. 2023. Sep 11;6:e41448. doi: 10.2196/41448. PMID: 37698119

IF: 4.9, Google H5-Index Rank-Medical Informatics: 18

- j29 Nguyen P\*, Schiaffino M, Zhang Z, Choi H, Huh-Yoo J. Toward Alert Triage: Scalable Qualitative Coding Framework for Analyzing Alert Notes from the Telehealth Intervention Program for Seniors (TIPS). JAMIA Open. 2023 Aug 7;6(3):ooad061. doi: 10.1093/jamiaopen/ooad061. PMID: 37560155; PMCID: PMC10406700.

IF: 2.2, Google H5-Index Rank-Medical Informatics: 19

- j28 Kocaballi AB, Sezgin E, Clark L, Carroll JM, Huang Y, Huh-Yoo J, Kim J, Kocielnik R, Lee YC, Mamykina L, Mitchell EG. Design and evaluation challenges of conversational agents in health care and well-being: selective review study. Journal of medical Internet research. 2022 Nov 15;24(11):e38525.

IF: 7.08, Google H5-Index Rank-Medical Informatics: 1

- j27 Smriti D\*, Kao A, Rathod R, Shin J, Peng W, Williams J, Mujib M, Colosimo M, Huh-Yoo J. MICA: Motivational Interviewing Conversational Agent for Parents as Proxies for their Children in Healthy Eating. JMIR Hum Factors (forthcoming). DOI:10.2196/38908

IF: 2.51, h-index: 22

- j26 Smriti D\*, Ambulkar S, Meng Q, Kaimal G, Ramotar K, Park SY, Huh-Yoo J. Creative arts therapies for the mental health of emerging adults: A systematic review. The Arts in Psychotherapy. 2022 Feb 1;77:101861. DOI: 10.1016/j.aip.2021.101861

IF: 1.847, h-index: 39

- j25 Choi B\*, Kim H, Huh-Yoo J. Seeking Mental Health Support Among College Students in Video-Based Social Media: Content and Statistical Analysis of YouTube Videos. JMIR Formative Research. 2021 Nov 11;5(11):e31944. DOI: 10.2196/31944

IF: 2.38, h-index: 13

- j24 Rheu M\*, Shin JY\*, Peng W, Huh-Yoo J. Systematic review: Trust-building factors and implications for conversational agent design. International Journal of Human-Computer Interaction. 2021 Jan 2;37(1):81-96. DOI: 10.1080/10447318.2020.1807710

IF: 4.79, Google H5-Index Rank: 11

- j23 Huh-Yoo J, Kadri R, Buis LR. Pervasive Healthcare IRBs and Ethics Reviews in Research: Going Beyond the Paperwork. IEEE Pervasive Computing. 2021 Mar 16;20(1):40-4. DOI: 10.1109/MPRV.2020.3044099

IF: 3.175, h-index: 103

- j22 Buis LR, Huh-Yoo J. Common shortcomings in applying user-centered design for digital health. *IEEE Pervasive Computing*. 2020 Jul 31;19(3):45-9. DOI: 10.1109/MPRV.2020.2997615  
IF: 3.175, h-index: 103
- j21 Kwon BC, VanDam C, Chiuve SE, Choi HW, Entler P, Tan PN, Huh-Yoo J. Improving heart disease risk through quality-focused diet logging: Pre-post study of a diet quality tracking app. *JMIR mHealth and uHealth*. 2020 Dec 23;8(12):e21733. DOI: 10.2196/21733  
IF: 4.95, Google H5-Index Rank-Medical Informatics: 3
- j20 Kopf L.\* and Huh-Yoo J. A User-Centered Design Approach to Developing a Voice Monitoring System for Disorder Prevention. *J Voice*. 2020 Nov 11:S0892-1997(20)30406-9. DOI: 10.1016/j.jvoice.2020.10.015  
IF: 2.009, Google H5-Index Rank-Audiology, Speech & Language Pathology: 1
- j19 Chiauuzzi E, Clayton A, Huh-Yoo J. Videoconferencing-based telemental health: important questions for the COVID-19 era from clinical and patient-centered perspectives. *JMIR Mental Health*. 2020 Dec 8;7(12):e24021. DOI:10.2196/24021  
IF: 6.33, h-index: 38
- j18 Park SY, Andalibi N, Zou Y, Ambulkar S, Huh-Yoo J. Understanding students' mental well-being challenges on a university campus: interview study. *JMIR Formative Research*. 2020 Mar 5;4(3):e15962. DOI: 10.2196/15962  
IF: 2.38, h-index: 13
- j17 Bi C, Xing G, Hao T, Huh-Yoo J, Peng W, Ma M, Chang X. FamilyLog: monitoring family mealtime activities by mobile devices. *IEEE Transactions on Mobile Computing*. 2019 May 14;19(8):1818-30. DOI: 10.1109/PERCOM.2017.7917847  
IF: 6.075, Google H5-Index Rank-Computer Networks & Wireless Communication: 11
- j16 Zhang Z, Lu Y, Kou Y, Wu DT, Huh-Yoo J, He Z. Understanding patient information needs about their clinical laboratory results: a study of social Q&A site. *Studies in health technology and informatics*. 2019 Aug 8;264:1403. DOI: 10.3233/SHTI190458  
IF: 0.678, Google H5-Index Rank-Medical Informatics: 17
- j15 Huh J, Koola J, Contreras A, Castillo AK, Ruiz M, Tedone KG, Yakuta M, Schiaffino MK. Consumer health informatics adoption among underserved populations: thinking beyond the digital divide. *Yearbook of Medical Informatics*. 2018 Aug;27(01):146-55. DOI: 10.1055/s-0038-1641217  
IF: 3.47, h-index: 38
- j14 VanDam C\*, Kanthawala S\*, Pratt W, Chai J, Huh J. Detecting clinically related content in online patient posts. *Journal of Biomedical Informatics*. 2017 Nov 1;75:96-106. DOI: 10.1016/j.jbi.2017.09.015

IF: 6.317, Google H5-Index Rank-Medical Informatics: 8

- j13 Marmor RA\*, Dai W, Jiang X, Wang S, Blair SL, Huh J. Increase in contralateral prophylactic mastectomy conversation online unrelated to decision-making. *Journal of Surgical Research*. 2017 Oct 1;218:253-60. DOI: 10.1016/j.jss.2017.05.074

IF: 2.536, h-index: 112

- j12 Choi MJ\*, Kim SH, Lee S, Kwon BC, Yi JS, Choo J, Huh J. Toward predicting social support needs in online health social networks. *Journal of Medical Internet Research*. 2017 Aug 2;19(8):e7660. DOI: 10.2196/jmir.7660

IF: 7.08, Google H5-Index Rank-Medical Informatics: 1

- j11 Huh J, Kwon BC, Kim SH, Lee S, Choo J, Kim J, Choi MJ, Yi JS. Personas in online health communities. *Journal of Biomedical Informatics*. 2016 Oct 1;63:212-25. DOI: 10.1016/j.jbi.2016.08.019

IF: 6.317, Google H5-Index Rank-Medical Informatics: 8

- j10 Huh J, Marmor R, Jiang X. Lessons learned for online health community moderator roles: a mixed-methods study of moderators resigning from WebMD communities. *Journal of Medical Internet Research*. 2016 Sep 8;18(9):e6331. DOI: 10.2196/jmir.6331

IF: 7.08, Google H5-Index Rank-Medical Informatics: 1

- j9 Park A, Hartzler AL, Huh J, Hsieh G, McDonald DW, Pratt W. "How did we get here?": topic drift in online health discussions. *Journal of Medical Internet Research*. 2016 Nov 2;18(11):e6297. DOI: 10.2196/jmir.6297

IF: 7.08, Google H5-Index Rank-Medical Informatics: 1

- j8 Kanthawala S\*, Vermeesch A, Given B, Huh J. Answers to health questions: internet search results versus online health community responses. *Journal of Medical Internet Research*. 2016 Apr 28;18(4):e5369. DOI: 10.2196/jmir.5369

IF: 7.08, Google H5-Index Rank-Medical Informatics: 1

- j7 Nath C, Huh J, Adupa AK, Jonnalagadda SR. Website sharing in online health communities: a descriptive analysis. *Journal of Medical Internet Research*. 2016 Jan 13;18(1):e5237. DOI: 10.2196/jmir.5237

IF: 7.08, Google H5-Index Rank-Medical Informatics: 1

- j6 Kwon BC, Kim SH, Lee S, Choo J, Huh J, Yi JS. VisOHC: Designing visual analytics for online health communities. *IEEE Transactions on Visualization and Computer Graphics*. 2015 Aug 12;22(1):71-80. DOI: 10.1109/TVCG.2015.2467555

IF: 5.226, Google H5-Index Rank-Computer Graphics: 2

- j5 Park A, Hartzler AL, Huh J, McDonald DW, Pratt W. Automatically detecting failures in natural language processing tools for online community text. *Journal of Medical Internet Research*. 2015 Aug 31;17(8):e4612.

IF: 7.08, Google H5-Index Rank-Medical Informatics: 1

- j4 Huh J, Liu LS, Neogi T, Inkpen K, Pratt W. Health vlogs as social support for chronic illness management. *ACM Transactions on Computer-Human Interaction (TOCHI)*. 2014 Aug 25;21(4):1-31. DOI: 10.1145/2630067  
IF: 2.351, Google H5-Index Rank-Human-Computer Interaction: 1
- j3 Huh J, Yetisgen-Yildiz M, Pratt W. Text classification for assisting moderators in online health communities. *Journal of Biomedical Informatics*. 2013 Dec 1;46(6):998-1005. DOI: 10.1016/j.jbi.2013.08.011  
IF: 6.317, Google H5-Index Rank-Medical Informatics: 8
- j2 Huh J, Le T, Reeder B, Thompson HJ, Demiris G. Perspectives on wellness self-monitoring tools for older adults. *International Journal of Medical Informatics*. 2013 Nov 1;82(11):1092-103. DOI: 10.1016/j.ijmedinf.2013.08.009  
IF: 4.046, Google H5-Index Rank-Medical Informatics: 7
- j1 Huh J, Ackerman MS. Obsolescence: Uncovering values in technology use. *M/C Journal*. 2009 Jul 15;12(3). DOI: 10.5204/mcj.157  
IF: N/A, Google H5-Index Rank: N/A

*Full paper conference proceedings*

Note ACM conferences on Human Factors in Computing Systems (CHI), Computer Supported Cooperative Work (CSCW), GROUP, and Designing Interactive Systems (DIS) are considered as premier publication venues for the field of information and computer science, often considered as more prestigious than most journals. These conferences go through a rigorous review process, involving minimum of four reviewers per submission and multiple revision cycle through the rebuttal process.

- c33 Elham Aghakhani, Lu Wang, Karla T. Washington, George Demiris, Jina Huh-Yoo, and Rezvaneh Rezapour. 2025. From Conversation to Automation: Leveraging LLMs for Problem-Solving Therapy Analysis. In *Findings of the Association for Computational Linguistics: ACL 2025*, pages 25189–25207, Vienna, Austria. Association for Computational Linguistics.
- c32 Kim, H., Choi, B., & Huh-Yoo, J (2025). Unpacking College Students' Mental Health Discourse through YouTube Comments: Insights from Topic Modeling and Sentiment Analysis. *Association for Information Science and Technology*. In Press.
- c31 Kim, H., Choi, B., Daly, B., & Huh-Yoo, J. (2025). Understanding Community 'Likes' and Clinical Perspective in Mental Health Discourse: Insights from YouTube Comments on College Students' Mental Health. *28th ACM*



Conference on Computer-Supported Cooperative Work and Social Computing (CSCW) 2025. In Press.

- c30 Marcu G, Huh-Yoo J. Social Connectedness as a Focus for Designing Technologies in Support of Mental Health. In Proceedings of 22nd European Conference on Computer-Supported Cooperative Work. European Society for Socially Embedded Technologies (EUSSET). EISSN: 2510-2591. Notes. Rimini, Italy. 17 June - 21 June, 2024
- c29 Calambur V\*, Jun D, Schiaffino MK, Zhang Z, Huh-Yoo J. A case for "little English" in Nurse Notes from the Telehealth Intervention Program for Seniors: Implications for Future Design and Research. In Proceedings of the CHI Conference on Human Factors in Computing Systems 2024 May 11 (pp. 1-16).
- c28 Young J\*, Jawara LM, Nguyen DN, Daly B, Huh-Yoo J, Razi A. The Role of AI in Peer Support for Young People: A Study of Preferences for Human-and AI-Generated Responses. In Proceedings of the CHI Conference on Human Factors in Computing Systems 2024 May 11 (pp. 1-18).
- c27 Smriti D\*, Wang L, Huh-Yoo J. Emotion Work in Caregiving: The Role of Technology to Support Informal Caregivers of Persons Living With Dementia. In Proceedings of the ACM on Human-Computer Interaction. 2024 Apr 23;8(CSCW1):1-34.
- c26 Zhang Z, Huh-Yoo J, Joy K, Angeles M, Sachs D, Migliaccio J, Schiaffino MK. Experiences and Perceptions of Distinct Telehealth Delivery Models for Remote Patient Monitoring among Older Adults in the Community. AMIA Annu Symp Proc. 2024 Jan 11;2023:794-803. PMID: 38222423; PMCID: PMC10785840.
- c25 Marcu G, Huh-Yoo J. Attachment-Informed Design: Digital Interventions That Build Self-Worth, Relationships, and Community in Support of Mental Health. 2023. In Proceedings of the 2023 ACM Designing Interactive Systems Conference (DIS '23). Association for Computing Machinery, New York, NY, USA, 2453–2468. DOI: 10.1145/3563657.3596009
- Best Paper Award  
Acceptance Rate: 25%, h-index: N/A
- c24 Huh-Yoo J, Razi A, Nguyen DN, Regmi S, Wisniewski PJ. "Help Me:" Examining Youth's Private Pleas for Support and the Responses Received from Peers via Instagram Direct Messages. In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems 2023 Apr 19 (pp. 1-14).  
Acceptance Rate: 27.6%, h-index: N/A
- c23 Huh-Yoo J, Montgomery M, Matta R, Kim H, Daly B. Toward Supporting the Mental Health of Underprivileged Youth Through Village-Driven Sociotechnical Systems. In Proceedings of the 20th European Conference on

Computer-Supported Cooperative Work: The International Venue on Practice-Centred Computing on the Design of Cooperation Technologies - Notes, Reports of the European Society for Socially Embedded Technologies (ISSN 2510-2591). 2022. DOI: 10.48340/ecscw2022\_n02

Acceptance Rate: 20-25%, h-index: N/A

- c22 Schiaffino M, Zhang Z, Sachs D, Migliaccio J, Huh-Yoo J. Predictors of Retention for Community-Based Telehealth Programs: A Study of the Telehealth Intervention Program for Seniors (TIPS). In Annual Symposium proceedings. AMIA Symposium 2021 Jan 1 (Vol. 2021, pp. 1089-1098). PMID: 35308972; PMCID: PMC8861729

Acceptance Rate: N/A, Google H5-Index Rank-Medical Informatics: 16

- c21 Shin JY\*, Rheu M, Huh-Yoo J, Peng W. Designing Technologies to Support Parent-Child Relationships: A Review of Current Findings and Suggestions for Future Directions. Proceedings of the ACM on Human-Computer Interaction. 2021 Oct 18;5(CSCW2):1-31. DOI: 10.1145/3479585

Acceptance Rate: 27%, Google H5-Index Rank-Human Computer Interaction: 4

- c20 Huh-Yoo J, Rader E. It's the Wild, Wild West: Lessons Learned From IRB Members' Risk Perceptions Toward Digital Research Data. Proceedings of the ACM on Human-Computer Interaction. 2020 May 28;4(CSCW1):1-22. DOI: 10.1145/3392868

Acceptance Rate: 27%, Google H5-Index Rank-Human Computer Interaction: 4

- c19 Shin JY\*, Huh-Yoo J. Designing everyday conversational agents for managing health and wellness: a study of alexa skills reviews. In Proceedings of the 14th EAI International Conference on Pervasive Computing Technologies for Healthcare 2020 May 18 (pp. 50-61). DOI: 10.1145/3421937.3422024

Awarded Honorable Mention.

Acceptance Rate: 47%, h-index: 6

- c18 Zhang J, Marmor R, Huh J. Towards supporting patient decision-making in online diabetes communities. In AMIA Annual Symposium Proceedings 2017 (Vol. 2017, p. 1893). American Medical Informatics Association. PMID: 29854261; PMCID: PMC5977569

Acceptance Rate: N/A, Google H5-Index Rank-Medical Informatics: 16

- c17 Bi C, Xing G, Hao T, Huh J, Peng W, Ma M. Familylog: A mobile system for monitoring family mealtime activities. In 2017 IEEE International Conference on Pervasive Computing and Communications (PerCom) 2017 Mar 13 (pp. 21-30). IEEE. DOI: 10.1109/PERCOM.2017.7917847

Acceptance Rate: 16.5%, h-index: N/A

- c16 Park T, Hu T, Huh J. Plant-based games for anxiety reduction. In Proceedings of the 2016 Annual Symposium on Computer-Human Interaction in Play 2016 Oct 15 (pp. 199-204). DOI: 10.1145/2967934.2968094  
Acceptance Rate: 29%, h-index: N/A
- c15 Shin J, Kang B, Park T, Huh J, Kim J, Song J. Beupright: Posture correction using relational norm intervention. In Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems 2016 May 7 (pp. 6040-6052). DOI: 10.1145/2858036.2858561  
Acceptance Rate: 23%, Google H5-Index Rank-Human Computer Interaction: 1
- c14 Huh J. Clinical questions in online health communities: the case of "See your doctor" threads. In Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing 2015 Feb 28 (pp. 1488-1499). DOI: 10.1145/2675133.2675259  
Acceptance Rate: 28%, Google H5-Index Rank-Human Computer Interaction: 7
- c13 Kopf LM, Graetzer S, Huh J. Videos influence behavior change measures for voice and speech in individuals with Parkinson's disease. In Proceedings of the Conference on Wireless Health 2015 Oct 14 (pp. 1-7). DOI: 10.1145/2811780.2811932  
Acceptance Rate: 26%, h-index: N/A
- c12 Park A\*, Hartzler AL, Huh J, McDonald DW, Pratt W. Homophily of vocabulary usage: beneficial effects of vocabulary similarity on online health communities participation. In AMIA Annual Symposium Proceedings 2015 (Vol. 2015, p. 1024). American Medical Informatics Association. PMID: 26958240; PMCID: PMC4765708  
Acceptance Rate: N/A, Google H5-Index Rank-Medical Informatics: 16
- c11 Huh J, Pratt W. Weaving clinical expertise in online health communities. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems 2014 Apr 26 (pp. 1355-1364). DOI: 10.1145/2556288.2557293  
Acceptance Rate: 23%, Google H5-Index Rank-Human Computer Interaction: 1
- c10 Hartzler AL, McDonald DW, Park A, Huh J, Weaver C, Pratt W. Evaluating health interest profiles extracted from patient-generated data. In AMIA Annual Symposium Proceedings 2014 (Vol. 2014, p. 626). American Medical Informatics Association. PMID: 25954368; PMCID: PMC4419913  
Distinguished Paper Award (Top 5 papers)  
Acceptance Rate: N/A, Google H5-Index Rank-Medical Informatics: 16
- c9 Huh J, McDonald DW, Hartzler A, Pratt W. Patient moderator interaction in online health communities. In AMIA Annual Symposium Proceedings 2013 (Vol. 2013, p. 627). American Medical Informatics Association. PMID: 24551364; PMCID: PMC3900205  
Distinguished Paper Award (Top 5 papers)

Acceptance Rate: N/A, Google H5-Index Rank-Medical Informatics: 16

- c8 Liu LS, Huh J, Neogi T, Inkpen K, Pratt W. Health vlogger-viewer interaction in chronic illness management. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems 2013 Apr 27 (pp. 49-58). DOI: 10.1145/2470654.2470663
- Peer-reviewed conference posters and extended abstracts
- p26 Vasil G, Huh-Yoo J. Characterizing the Flaws of Image-Based AI-Generated Content. In Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI EA '25). Association for Computing Machinery, New York, NY USA, Article 133, 1-7. Acceptance Rate: 20%, Google H5-Index Rank-Human Computer Interaction: 1
- c7 Huh J, Patel R, Pratt W. Tackling dilemmas in supporting 'the whole person' in online patient communities. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems 2012 May 5 (pp. 923-926). DOI: 10.1145/2207676.2208535
- p25 Wang L\*, Smriti D, Yuan H, Huh-Yoo J. Artificial Intelligence Systems for Supporting Informal Caregivers of People Living with Alzheimer's Disease or Related Dementias: A Systematic Review. In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems 2024 May 11 (pp. 1-11). Acceptance Rate: 22%, Google H5-Index Rank-Human Computer Interaction: 11
- c6 Huh J, Ackerman MS. Collaborative help in chronic disease management: supporting individualized problems. In Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work 2012 Feb 11 (pp. 853-862). DOI: 10.1145/2145204.2145331
- p24 Smriti D\*, Huh-Yoo J. Bringing Emotions into Practice: A Framework for AI Design to Support Emotion Work. In Companion Publication of the 2023 Conference on Computer Supported Cooperative Work and Social Computing 2023 Oct 14 (pp. 293-297). Acceptance Rate: 27%, Google H5-Index Rank-Human Computer Interaction: 7
- c5 Huh J, Newman MW, Ackerman MS. Supporting collaborative help for individualized use. In Proceedings of the ACM Conference on Human Factors in Computing Systems 2024 May 7 (pp. 314-315). DOI: 10.1145/3719412.3719408
- p23 Wang L\*, Chen C, Huh-Yoo J. Investigating the Synonyms of Conversational Agents in Aid Cross-Disciplinary Research. In Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems 2023 Apr 19 (pp. 1-10). Acceptance Rate: 27%, Google H5-Index Rank-Human Computer Interaction: 1
- p22 Smriti D\*, Ackerman MS, Newman MW, Burdette AG. Progressive Development and Deploying Chatbots in Informatics Research: Analysis of Ontology. In Proceedings of the 15th ACM International Conference on Medical Informatics Association 2020 Nov 7 (pp. 31-34). DOI: 10.1145/1880071.1880077
- Acceptance Rate: 33%, h-index: N/A
- p21 Wang L\*, Huh-Yoo J. The Representativeness of "People Also Ask" of Google Web Search on the Information Needs Concerning Alzheimer's Disease and Related Dementias. Poster Presentation. American Medical Informatics Association 2021
- c3 Huh J, Pollack M, Katebi H, Sakallah K, Kirsch N. Incorporating user control in automated interactive scheduling systems. In Proceedings of the 8th ACM Conference on Designing Interactive Systems 2010 Aug 16 (pp. 306-309). DOI: 10.1145/1858171.1858226
- p20 Nguyen P\*, Choi HW, Schaffino MK, Zhang Z, Huh-Yoo J. Qualitative Coding Framework for Analyzing Alert Notes from the Telehealth Intervention Program for Seniors (TIPS). Poster Presentation. American Medical Informatics Association 2021
- c2 Huh J, Nam K, Sharma N. Finding the lost treasure: understanding reuse of used computing devices. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems 2010 Apr 10 (pp. 1875-1878). DOI: 10.1145/1753326.1753607
- p19 Levasseur M, Coates M, Sercik J, DiMaria-Ghalili R, Huh-Yoo J. Disparity on Online Patient Portals. In Proceedings of the ACM Conference on Human Factors in Computing Systems 2021 Jan 15 (Suppl 1):586
- c1 Miller B, Miller M, Huh J. User needs in the government: Conducting policy analysis with models-on-the-Web. In People and Computers XIX—The

- p18 Bernstein A, Huh-Yoo J, Forte A. Parent and Paraprofessional Use of Commercial Augmentative and Alternative Communication Devices with Non-verbal Autistic Young People. Poster Presentation. American Medical Informatics Association 2021.
- p17 Kao TSA, Ling J, Smriti D, Shin JY, Peng W., Huh-Yoo J. The Feasibility of Technology-Adapted Motivational Interviewing (TAMI), Poster Presentation. MNRS Virtual Annual Research Conference 2021.
- p16 Smriti D\*, DiMaria-Ghalili RA, Gitlin L, Sarcevic A, Yan E, Huh-Yoo J. Information Quality Assessment Framework for Online Dementia Care Resources. *Innovation in Aging*. 2020;4(Suppl 1):823.
- p15 Choi HW\*, DiMaria-Ghalili RA, Kelly M, Poole A, Yan E, Huh-Yoo J. Older Adults and Technology Use: A Systematic Literature Review. *Innovation in Aging*. 2020;4(Suppl 1):823.
- p14 Smriti D\*, Shin JY\*, Mujib M\*, Colosimo M\*, Kao TS, Williams J, Huh-Yoo J. TAMICA: Tailorable Autonomous Motivational Interviewing Conversational Agent. In *Proceedings of the 14th EAI International Conference on Pervasive Computing Technologies for Healthcare 2020 May 18* (pp. 411-414).
- p13 Marmor RA\*, Schoenbrunner AR, Blair SL, Huh J. Making Sure It Does Not Come Back: Reasons for Choosing Contralateral Prophylactic Mastectomy in an Online Health Community. *Journal of the American College of Surgeons*. 2016 Oct 1;223(4):S48.
- p12 Marmor RA\*, Ward EP, Epstein E, Reghunathan M, Schoenbrunner A, Unkart JT, Blair SL, Huh J. Abstract P4-17-06: First posts: A content analysis of an online breast cancer community user's initial postings. *Cancer Research*. 2017 Feb 15;77(4\_Supplement):P4-17.
- p11 Marmor RA\*, Wilder TJ, Huh J. (2016). Shared Happiness is Doubled: Time-Dependent Analysis of Sentiment on an Online Forum. *National Library of Medicine Informatics Training Conference*. Columbus, OH. (oral presentation). *American College of Surgeons 2016 Clinical Congress*. October 16-20, 2016. Washington DC.
- p10 Kopf L\*, Graetzer S, Shrivastav R, Liu X, Huh J. Using Videos To Promote Awareness And Behavior Change For Voice In Parkinson's Disease. Poster presentation at the *American Speech-Language-Hearing Association 2015*, Denver, CO.
- p09 Kanthawala S\*, VanDam C, Given C, Chai J, Vermeesch A, Huebner M, Crowley J, Huh J. Question Types in Online Health Communities. Poster Presentation. *American Medical Informatics Association 2015*.
- p08 Yuan S\*, Huh J. Social Support Exchanges Among Online Health Community Members. Poster Presentation. *American Medical Informatics Association 2014*.
- p07 Huh J, Yetisgen-Yildiz M, Hartzler A, McDonald D, Park A, Pratt W. Toward Automatic Weaving of Medical Advice with Patient Experiences Using Text

Classification. Poster Presentation. American Medical Informatics Association 2012.

- p06 Park A\*, Hartzler A, Huh J, McDonald D, Pratt W. Extracting Everyday Health Interests from Online Communities. Poster Presentation. American Medical Informatics Association 2012.
- p05 Hartzler A, McDonald D, Park A, Huh J. Pratt W. Mentor Matching in Peer Health Communities. Poster Presentation. American Medical Informatics Association 2012.
- p04 Huh J, Ackerman MS. Exploring social dimensions of personal information management with adults with AD/HD. In CHI'10 Extended Abstracts on Human Factors in Computing Systems 2010 Apr 10 (pp. 3715-3720).
- p03 Huh J, Ackerman MS. Designing for all users: including the odd users. In CHI'09 Extended Abstracts on Human Factors in Computing Systems 2009 Apr 4 (pp. 2449-2458).
- p02 Huh J, Ackerman MS, Douglas R. The use of aesthetics in HCI systems. In CHI'07 extended abstracts on Human factors in computing systems 2007 Apr 28 (pp. 2441-2446).
- p01 Huh J, Jones L, Erickson T, Kellogg WA, Bellamy RK, Thomas JC. BlogCentral: the role of internal blogs at work. In CHI'07 extended abstracts on Human factors in computing systems 2007 Apr 28 (pp. 2447-2452).

*Refereed Conference Panels, SIGs, and Workshop Organizing*

- w11 Cho J, Song I, Agha Z, Cagiltay B, Calambur V, Rheu M, Huh-Yoo J. Mobile Technology and Teens: Understanding the Changing Needs of Sociocultural and Technical Landscape. In Proceedings of the 2025 CHI Conference Extended Abstracts on Human Factors in Computing Systems 2025 In Press.
- w10 Papoutsaki A, Huh-Yoo J, MacLeod H, Mamykina L, Miller AD, Yarosh S, Epstein DA. The Future of Research on Online Health Communities: Discussing Membership, Structure, and Support. In Companion Publication of the 2021 Conference on Computer Supported Cooperative Work and Social Computing 2021 Oct 23 (pp. 352-355).
- w08 Huh-Yoo J, Panicker S, Chiauzzi E, Kim E. Human Subject Research in the Era of Emerging Digital Technologies, Ubiquity of Algorithms, and Evolving Privacy Norms. Workshop. American Medical Informatics Association 2021.
- w07 LeVasseur M, Coates M, Sefcik J, DiMaria-Ghalili R, Huh-Yoo J. Disparity on Online Patient-Provider Communication and Implications for a Post-COVID Era. *Innovation in Aging*. 2021 Jan 1;5(Suppl 1):586.
- w06 Sefcik J, Huh-Yoo J. Technology Use of Older Adults and Caregivers: Discoveries and Opportunities for Improvement. *Innovation in Aging*. 2020;4(Suppl 1):822.
- w05 Zhang J, Marcu G, Kientz JA, Pina LR, Ambulkar S, Mamykina L, Huh J. Bridging Communities for Better HIT: Streaming Conversations from WISH on Challenges, Strategies, and Opportunities. In Proceedings of the 2017 CHI

Conference Extended Abstracts on Human Factors in Computing Systems 2017 May 6 (pp. 1346-1349).

- w04 Huh J, Hartzler A, Munson S, Anderson N, Edwards K, Gore JL, McDonald D, O'Leary J, Parker A, Streat D, Yetisgen-Yildiz M. Brainstorming design for health: helping patients utilize patient-generated information on the web. In Proceedings of the ACM 2012 Conference on Computer Supported Cooperative Work Companion 2012 Feb 11 (pp. 11-12).
- w03 Huh J, Nathan LP, Silberman S, Blevis E, Tomlinson B, Sengers P, Busse D. Examining appropriation, re-use, and maintenance for sustainability. In CHI'10 Extended Abstracts on Human Factors in Computing Systems 2010 Apr 10 (pp. 4457-4460).
- w02 Treem J, Ellison N, Huh J, Rader E. Social Media and the Communication of Knowledge in the Workplace: Will Information Technology Change How Organizations Manage and Apply Knowledge? A panel at NCA 96th Annual Convention. (San Francisco, CA, Nov 14-17. 2010)
- w01 Huh J, Ackerman MS, Erickson T, Harrison S, Sengers P. Beyond usability: taking social, situational, cultural, and other contextual factors into account. In CHI'07 Extended Abstracts on Human Factors in Computing Systems 2007 Apr 28 (pp. 2113-2116).

*Doctoral Consortium*

- d01 Huh J. Users' ongoing work on managing computational artifacts. In CHI'09 Extended Abstracts on Human Factors in Computing Systems 2009 Apr 4 (pp. 3149-3152).

*Refereed workshop papers and conference presentations*

- rw12 Hana Chung, Veena Calambur, Jina Huh-Yoo, and Gabriela Marcu (2024). Positive experiences of social connectedness among Philadelphia youth as design opportunities for digital mental health. Workshop on Envisioning New Futures of Positive Social Technology at ACM SIGCHI Conference on Computer-Supported Cooperative Work & Social Computing (CSCW 2024). San José, CR. November 2024.
- rw11 Smriti D\*, Huh-Yoo J. (2020, April 25-30). TAMICA: Tailorable Motivational Interviewing Conversational Agent. ACM CHI Workshop on Conversational AI in Healthcare. Hawaii, United States. <https://chi2020.acm.org> (Conference Canceled)
- rw10 Huh J. Applying Contextual Integrity Framework for Community-Engaged Research Data Management. PRIVACI: Symposium on Applications of Contextual Integrity. Berkeley, CA. August 19-20, 2019.
- rw09 Huh J. Modeling Patient Retention in Social Media. Second Annual Health Data Exploration (HDE) Network Meeting. San Diego, CA. May 17, 2016.

- rw08 Kopf L\*, Huh J, Shrivastav R. Vocal Health Discussion in Online Forums. The Voice Foundation's 43rd Annual Symposium: Care of the Professional Voice. 2014.
- rw07 Huh J, InfoMediator: Weaving Clinical Expertise in Online Health Communities. Workshop position paper. Workshop in Interactive Systems in Healthcare 2013.
- rw06 Huh J, McDonald D, Hartzler A, Park A, Pratt W. The Doctor is in the House: Examining Health Professionals' Roles in Online Patient Communities. Workshop position paper. Workshop in Interactive Systems in Healthcare 2012.
- rw05 Park A\*, Hartzler A, Huh J, McDonald D, Pratt W. Automatic Profiling of Users' Health Interests from Online Communities. Workshop position paper. Workshop in Interactive Systems in Healthcare 2012.
- rw04 Dong T, Huh J, Newman MW, Ackerman MS. Supporting Re-Use in DIY Software Projects: A Gray-Box Approach. Workshop position paper. ACM CSCW Workshop 2011.
- rw03 Huh J, Ackerman MS. Using Collective Intelligence to Support Diabetes Patients. Workshop position paper. ACM Group Workshop on Clorg 2010.
- rw02 Huh J, Ackerman MS. Challenges in Sustainability: Understanding Users' Appropriation and Maintenance Work of Computational Artifacts. Workshop position paper. ACM CHI Workshop 2009.
- rw01 Huh J, Ackerman MS. 2006. The Knowledge in Design Research for "Exploring Design" Workshop position paper. ACM DIS Workshop 2006. <http://design.schweitzerhome.net/>

*Technical and White Papers*

- x02 Wang L, Song M, Rezapour R, Kwon BC, Huh-Yoo J. People's Perceptions Toward Bias and Related Concepts in Large Language Models: A Systematic Review. arXiv preprint arXiv:2309.14504. 2023 Sep 25.
- x01 Wang L, Mujib MI, Williams J, Demiris G, Huh-Yoo J. An Evaluation of Generative Pre-Training Model-based Therapy Chatbot for Caregivers. arXiv preprint arXiv:2107.13115. 2021 Jul 28.

*Book Chapters and Special Issue Journal*

- b03 Light LL., Panicker S., Abrams L., Huh-Yoo J. Ethical Challenges in the Use of Digital Technologies in Psychological Science: Introduction to the Special Issue. American Psychologist. 2024 Jan. Volume 79. Issue 1 (pp 1). American Psychological Association.
- b02 Ozkaynak M, Reeder B, Park SY, Huh-Yoo J. Design for improved workflow. InDesign for Health 2020 Jan 1 (pp. 251-276). Academic Press.

b01 Hartzler A, Huh J. Chapter X. Patient Power on the Web: The Multifaceted Role of Personal Health Wisdom. Eds. Thomas Wetter. In Consumer Health Informatics. Springer. 2015.

#### *Press*

- pr08 Assistant Professor Jina Huh-Yoo Awarded VoiceXML Forum Grant for Research to Benefit Dementia Caregivers. March 31, 2021. Drexel University CCI.
- pr07 New Faculty Keep Drexel Abreast of Disruptive Technologies. October 31, 2019. Drexel Now.
- pr06 Can We Talk? Some Advice on Negotiating Online Health Chat Rooms. June 30, 2017. UC San Diego Health Newsroom
- pr05 Social Services Innovations: Online Patient Communities. Social Work Today. Vol. 16 No. 3 P.6: <http://www.socialworktoday.com/archive/052416p6.shtml>
- pr04 Social media unites families fighting cancer together. San Diego Union Tribune. March 8, 2015.
- pr03 Triple Play: Three MSU Colleges Join Forces to Push Limits of Research. MSU Today. Nov. 25, 2014.
- pr02 "HCI and Design." Computer Arts Magazine. Future Media publishing. Seoul, Korea Author of a monthly magazine column. April, 2006 ~ November, 2006
- pr01 Interview with Computer Arts Magazine. Future Media publishing. Seoul, Korea. April, 2006.

#### *Book Reviews*

- br01 Wang, X. and Schnabel, M. (eds.). Mixed reality in architecture, design, and construction (1st edition). Springer Publishing Company, Incorporated, (2008). ACM Computing Reviews (Reviews.com) April 17 2009. Review #: CR136701

#### Invited Talks and Panels, Press, and Book Reviews

- 2025/08/04 Panel Speaker, "Artificial Intelligence and Research Integrity." Cultivating Research Integrity Summit. Tower Health. In-Person. Reading, PA.
- 2025/04/17 Speaker, "The Role of Artificial Intelligence in Caregiving." New York University Meyers College of Nursing. In-Person. New York NY.
- 2024/10/22 Speaker, "The Role of Artificial Intelligence in Caregiving." Application of Artificial Intelligence for Behavioral Intervention: Opportunities and Limitations. American Society of Preventive Oncology (ASPO) Behavioral Science and Health Communication SIG Webinar. Online.

|               |                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2024/10/21    | Keynote Speaker, "The Role of Artificial Intelligence in Social Relationships." The 7th IEEE International Conference on Universal Village 2024 (IEEE UV2024). Online.     |
| 2023/12/5-6   | Panelist, Workshop on ChatGPT and Aging: Implications of Generative AI for Gerontology. University of Pennsylvania. Philadelphia, PA.                                      |
| 2023/11/8     | Designing Conversational AI for Caregiving. Duke Informatics Seminar, Duke University. Online.                                                                             |
| 2023/04/06    | Designing AI Systems for Caregiving and the Role of Emotional Work. Penn AI Technology Collaboratory for Healthy Aging, University of Pennsylvania. Online.                |
| 2021/12/08    | Daly Lab, Department of Psychology, Drexel University. Online.                                                                                                             |
| 2021/11/10    | Seoul National University, Seoul, Korea. Online.                                                                                                                           |
| 2021/7/15     | It's the wild, wild west: Lessons learned from IRB member's risk perceptions toward digital research data. Michigan State University. Online.                              |
| 2021/5/17     | Designing Smart Health Technologies To Support Family Health. College of Nursing and Health Professionals, Drexel University.                                              |
| 2020/1/06     | NSF Smart and Connected Health PI meeting. TAMICA: Tailorable Automated Motivational Interviewing Conversational Agent. Alexandria, VA.                                    |
| 2019/12/18    | Using Emerging Technology to Support Health. MS in Information Webinar. Drexel University. Philadelphia, PA.                                                               |
| 2019/10/22    | Designing Meaningful Health Technologies. INFO 821 Seminar. Drexel University.                                                                                             |
| 2019/09/26    | Improving Health Through Community-Engaged Digital Research. Dean's Executive Advisory Council. College of Computing and Informatics, Drexel University. Philadelphia, PA. |
| 2019/02/27    | "Providing Social Support Through Emerging Technologies" Healthcare Innovation Bridging Research Lab (HiBRID Lab), NYU Langone Medical Center. NYC, NY.                    |
| 2019/02/20-22 | "Supporting Family Health Through Emerging Technologies" Department of Media and Information, Michigan State University. East Lansing, MI.                                 |
| 2019/02/07    | "Supporting Family Health Through Emerging Technologies" College of Computing and Informatics, Drexel University. Philadelphia, PA.                                        |
| 2019/01/31    | "Providing Social Support through Emerging Technologies" New Jersey Institute of Technology. Newark, NJ.                                                                   |

|               |                                                                                                                                                          |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019/01/28    | "Providing Social Support through Mobile and Emerging Technologies" Research Talk. Montclair State University. Montclair, NJ.                            |
| 2018/12/17    | "People, Processes, and Design" Research Talk. Dataminr, Inc. NYC, NY.                                                                                   |
| 2018/09/17-18 | "SHINE: Unobtrusive sensing for family wellness" PI meeting. NSF Smart and Connected Health PI meeting. Washington DC.                                   |
| 2017/03/21-22 | "SHINE: Unobtrusive sensing for family wellness" PI meeting. NSF Smart and Connected Health PI meeting. Boston, MA.                                      |
| 2017/03/20    | "Closing the methodological loop in biomedical informatics research" Special seminar talk. Harvard Medical School Division of Preventive Medicine.       |
| 2017/03/21-22 | "Unobtrusive sensing and feedback for family wellness" NSF Smart and Connected Health PI meeting. Boston, MA.                                            |
| 2016/10/06    | "Social Media for Biomedical Informatics Research" UC San Diego Health Sciences International. University of California San Diego.                       |
| 2016/09/27    | "Social Media for Biomedical Informatics Research" MED 264: Principles of Biomedical Informatics. University of California San Diego.                    |
| 2016/09/12    | "Closing the methodological loop in biomedical informatics research" Surgery Chair's Research Fellow Conference. ECOB, UC San Diego.                     |
| 2015/10/30    | "Visual Media for Patient-Centered Systems" Biomedical Informatics, UC San Diego.                                                                        |
| 2015/10/21    | "Closing the Loop in HCI and Biomedical Informatics Research" The Design Lab. University of California San Diego.                                        |
| 2015/10/15    | "Social Media for Biomedical Informatics Research" MED 264: Principles of Biomedical Informatics. University of California San Diego.                    |
| 2015/4/21     | "Health Vlogs as Social Support for Chronic Illness Management" Yonsei University, School of Communication. Seoul, Korea.                                |
| 2015/3/20     | "Weaving Clinical Expertise in Online Health Communities" Michigan State University College of Nursing. East Lansing, MI.                                |
| 2015/3/13     | "Using peer patient network to support everyday health management" University of California—San Diego Division of Biomedical Informatics. San Diego, CA. |
| 2015/3/4      | "Information extraction to support online peer patient network" Michigan State University. Natural Language Processing course guest lecture.             |

|            |                                                                                                                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2014/12/17 | "InfoMediator: Weaving Clinical Expertise in Online Health Communities" Seoul National University (SNU), Biomedical Knowledge Engineering Laboratory. Seoul, South Korea.                                |
| 2014/12/15 | "InfoMediator: Weaving Clinical Expertise in Online Health Communities" Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea.                                                |
| 2014/12/12 | "Doctoral consortium panelist for HCI Korea. Seoul, South Korea.                                                                                                                                         |
| 2014/10    | "Dissecting a Design Problem Through Social, Technical, and Medical Lenses" ADV/JRN/MI 900 course lecture. Michigan State University. College of Communication Arts and Sciences. East Lansing, MI.      |
| 2014/9     | "Weaving Clinical Expertise into Online Health Communities" Trifecta Faculty-Student meeting. Michigan State University College of Communication Arts and Sciences. Trifecta.                            |
| 2014/5/2   | "Clinical Expertise in Everyday Illness Management" University of Waterloo, Ontario, Canada.                                                                                                             |
| 2014/2/27  | "Social Media for Individuals with Chronic Illness" Trifecta course. Michigan State University College of Engineering.                                                                                   |
| 2013/11/1  | "Social Media for Individuals with Chronic Illness" The CSE seminar. Michigan State University College of Engineering.                                                                                   |
| 2013/2/13  | "Social Media for Health" The DUB seminar. University of Washington, Seattle.                                                                                                                            |
| 2012/10/9  | "Usability Testing and Research Design." A lecture for a research methods course at the University of Washington Information School. Seattle, Washington.                                                |
| 2012/6/25  | "Weaving Clinical expertise into Online Peer-Patient Conversations." Open-Mic session. NLM Informatics Training Conference 2012. Madison, WI.                                                            |
| 2012/5/21  | "Introduction to Human-Computer Interaction." Universidad Peruana Cayetano Heredia School of Science. Peru. Audience: Physicians.                                                                        |
| 2011/12/28 | "Weaving Clinical Expertise and Patient Expertise in Online Communities." Korea Advanced Institute of Science and Technology (KAIST). Department of Industrial Design. Lunch Talk. Daejeon, South Korea. |
| 2011/4/8   | "Supporting Collaborative Help for Individualized use." School of Information, University of Michigan. FIRST.                                                                                            |
| 2011/3/21  | "Collaborative Help for Individualized Problems: Learning from Diabetes Patient Support Groups." Duke University School of Nursing.                                                                      |

|            |                                                                                                                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2011/2/17  | "Collaborative Help for Individualized Use: Learning from the MythTV User Community and Diabetes Patient Support Groups." University of North Carolina School of Information and Library Science. |
| 2011/1/21  | "Collaborative Help for Individualized Use: Learning from the MythTV User Community and Diabetes Patient Support Groups." University of Central Florida School of Visual Arts and Design.         |
| 2010/11/16 | "Supporting Collaborative Help for Individualized Use." Berkeley Institute of Design, University of California, Berkeley.                                                                         |
| 2010/1/15  | "Finding the Lost Treasure: Understanding Reuse of Used Computing Devices." School of Information, University of Michigan. FIRST.                                                                 |
| 2009       | "Personal Information Management in Adults with AD/HD." NSF PIM workshop as part of ASIST 2009. Vancouver, BC                                                                                     |
| 2008/1/30  | "A Study of HP200LX Users." HCI Consortium. Colorado. CO. Jan 30 ~ Feb 3.                                                                                                                         |

#### Teaching Experience & Curriculum Development

|           |                                                                                                                                                         |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2025      | Human-Centered Artificial Intelligence (Developed Undergraduate and Graduate Class)<br>Department of Computer Science, Stevens Institute of Technology. |
| 2025      | Master in Human-Centered Artificial Intelligence (Developed Curriculum)<br>Department of Computer Science, Stevens Institute of Technology.             |
| 2025-2026 | CS 810C: Designing With Users. Department of Computer Science, Stevens Institute of Technology.                                                         |
| 2024-2025 | CS 810D: Qualitative Research Methods for Understanding Users. Department of Computer Science, Stevens Institute of Technology.                         |
| 2023-2024 | INFO609: Accessible & Inclusive Design (Developed Curriculum)<br>College of Computing and Informatics, Drexel University                                |
| Fall 2023 | INFO871: PhD Process and Practice (Modified Curriculum)<br>College of Computing and Informatics, Drexel University                                      |
| 2020-2024 | INFO508: Information Innovation with Design Thinking<br>College of Computing and Informatics, Drexel University                                         |
| 2020-2024 | INFO615: Designing With Data (Developed Curriculum)<br>College of Computing and Informatics, Drexel University                                          |
| 2020      | INFO310: Human-Centered Design Process and Methods<br>College of Computing and Informatics, Drexel University                                           |

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2020-2023   | INFO690: Understanding Users<br>College of Computing and Informatics, Drexel University                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2019        | MI845: Usability and Accessibility<br>Department of Media and Information, Michigan State University<br><i>The students learn to conduct various usability testing strategies. As the class outcome, the students will evaluate usability systems of their choice.</i>                                                                                                                                                                                                                                                                                                                            |
| Winter 2018 | MED273: Communicating Biomedical Informatics (Developed Curriculum)<br>Department of Medicine, UC San Diego<br><i>The objective of this course is to collectively share strategies in writing papers, grant proposals, and orally present effectively.</i>                                                                                                                                                                                                                                                                                                                                        |
| Fall 2017   | MED264: Principles of Biomedical Informatics<br>Department of Medicine, UC San Diego<br>Gave a guest lecture on "Working with Latinos population in mobile health research"                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Fall 2017   | MED277: Introduction to Natural Language Processing<br>Department of Medicine, UC San Diego<br>Gave a guest lecture on "Facilitating peer-patient network through natural language processing"                                                                                                                                                                                                                                                                                                                                                                                                    |
| Fall 2016   | MED264: Principles of Biomedical Informatics<br>Department of Medicine, UC San Diego<br>Gave a guest lecture on "Social Media for Biomedical Informatics Research"                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Fall 2015   | MED262: Current Trends in Biomedical Informatics<br>Department of Medicine, UC San Diego<br>Gave a guest lecture on "Visual Media for Patient-Centered Systems"                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Fall 2015   | MED264: Principles of Biomedical Informatics<br>Department of Medicine, UC San Diego<br>Gave a guest lecture on "Social Media for Biomedical Informatics Research"                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Spring 2015 | MED277: Introduction to Biomedical Natural Language Processing<br>Department of Medicine, UC San Diego<br>Gave a guest lecture on NLP problems arise in health-related social media discussions among patients and caregivers. The lecture consisted of 2 classes, where each class was 3 hours long. In the first class, I introduced my current research with online health communities, looking at classifying patient questions. For the second class, the students did group presentations on their ideas for how NLP can be used to help with online health information seeking activities. |

- Spring 2014-2016 CAS850: Health Informatics (online) (Developed Curriculum)  
College of Communication Arts and Sciences, Michigan State University
- Spring 2014 TC840: Interaction Design  
Telecommunication, Information Studies, and Media, Michigan State University
- Fall 2012 MEBI591: Designing Online Technologies for Patient Self-Management  
Class Instructor, Biomedical Informatics and Medical Education, University of Washington  
This course explores designing online technologies for supporting patient self-management. The goals are to understand: (1) health information needs that emerge during patient self-management, (2) the ways in which current online technologies help (or not help) such information needs to be fulfilled, and (3) what future online technologies may be able to help provide safe and high quality information support for patients.
- Fall 2007-2008 SI501: The Use of Information  
Graduate Student Instructor, School of Information, University of Michigan  
The class teaches students about contextual inquiry such as interviewing and observations techniques for project management and consulting organizational work flow. I led discussion sections for both classes in which class materials were reviewed through various forms of materials such as exercises, small group discussions, and Q&A discussions.
- Winter 2006-2007 SI503: Search and Retrieval  
Graduate Student Instructor, School of Information, University of Michigan  
The class covers basic understandings towards information search and retrieval behavior, emergent information phenomena on the Web, navigational search, and social and organizational memory. I led discussion sections for both classes in which class materials were reviewed through various forms of materials such as exercises, small group discussions, and Q&A discussions.
- 03-07/2003 High school teacher, Korea National Animation High School  
Designed and taught Graduate Design Studio course for the senior class.

### Design Projects

- 2005-2006 Pangmangi, University of Michigan  
Designed a prototype to support awareness in a public space through animated/interactive simulations and ran a focus group to

- understand how people perceive unfamiliar computing devices in public spaces.
- 2004      Design and HCI, Carnegie Mellon University  
Worked for Jodi Forlizzi, Shelly Evenson, and John Zimmerman to investigate the relationships between Design and HCI. Interviewed HCI faculty and their PhD students at HCII, CMU.
- 2010      Group Calendar for a rehabilitation clinic, University of Michigan  
Funded by NSF #IIS 0705103. Worked with the rehabilitation center at the University of Michigan hospital to design preference-based automated scheduling system.
- 2004      Vehicle JukeBox, Carnegie Mellon University  
For the graduation project advised by Robert Kraut at CMU, as part of a group project we designed car stereo interface for a major U.S. automobile manufacturer. Part of our design suggestions have been incorporated to a car model on the market in 2005.
- 2004      Educational tool in tablet PC, Carnegie Mellon University  
Worked with Ananda Gunawardena to design an educational application using tablet PC that can help students understand data structures in programming.
- 2004      E-Book (Mark up tool) Project, Carnegie Mellon University  
Evaluated usability and redesigned the Mark Up Tool Software used on ebooks.
- 2003      Building Virtual Worlds (BVW), Carnegie Mellon University  
Advised by Randy Pausch. Built desktop and immersive (Head Mount Display) interactive virtual worlds with a group of interdisciplinary people. My role was a painter (texture designer).
- 2003      'Three'  
Korea National University of Arts Graduation project. 3D Graphic animation. Exhibited at 'The Dropship' Digital Film Show, Seoul, Korea 2003.
- 2002      'Will you let them win?'  
3D Graphic animation. Exhibited at 'Mok Gum Toe Gallery,' Designer's Party 2004. Seoul, Korea

#### University Service

- 2024-2026      AI Major and Minor Task Force, The Charles V. Schaefer, Jr. School of Engineering and Science, Stevens Institute of Technology
- 2024-2025      Dean's College Faculty Council, The Charles V. Schaefer, Jr. School of Engineering and Science, Stevens Institute of Technology

|              |                                                                                                                              |
|--------------|------------------------------------------------------------------------------------------------------------------------------|
| 2024-2025    | Tenure-Track Faculty Search Committee, Department of Computer Science, Stevens Institute of Technology                       |
| 2024-2025    | Communication and Marketing Committee, Department of Computer Science, Stevens Institute of Technology                       |
| 2023-2024    | Department Head Search Committee, Department of Information Science, College of Computing and Informatics, Drexel University |
| 2023-2024    | Drexel University Standing Committee on Artificial Intelligence (SCAI), Drexel University                                    |
| 2023-2024    | Director, HCI/UX master's program, College of Computing and Informatics, Drexel                                              |
| 2023-2024    | Lead, HCI/UX Working Group, College of Computing and Informatics, Drexel University                                          |
| 2023-2024    | Committee member, Committee on Institutional AI Strategy for Drexel University                                               |
| 2022-2023    | Tenure-Track Faculty Search Committee, College of Media Arts and Design, Drexel University                                   |
| 2022-2023    | Tenure-Track Faculty Search Committee, College of Computing and Informatics, Drexel University                               |
| 2021-Current | A master's degree in Human-Computer Interaction Working Group, College of Computing and Informatics, Drexel University       |
| 2020-Current | CCI Research Committee, College of Computing and Informatics, Drexel University.                                             |
| 2019-Current | A master's degree in Health Informatics Working Group, College of Computing and Informatics, Drexel University               |
| 2019-Current | MSI Working Group-HCI, College of Computing and Informatics, Drexel University                                               |
| 2019-Current | Co-Director of Master of Science in Health Informatics, Drexel University                                                    |
| 2021         | Information Science Department Chair Search Committee, College of Computing and Informatics, Drexel University.              |
| 2019-2020    | Tenure-Track Faculty Search Committee, College of Computing and Informatics, Drexel University                               |
| 2018         | Department of Media and Information Undergraduate Curriculum Revision Task Force                                             |
| 2017-2018    | UC San Diego Associated Health Professions Education Committee (AHPEC)                                                       |

|           |                                                                                                         |
|-----------|---------------------------------------------------------------------------------------------------------|
| 2016      | Search Committee for the Director of Biomedical Informatics, UC San Diego                               |
| 2014      | Department of Media and Information Undergraduate Curriculum Revision Task Force                        |
| 2014      | Reviewer for the MSU summer fellowship 2014                                                             |
| 2014-2015 | The iCARE Lab lead manager                                                                              |
| 2013-2015 | MSU Trifecta Intellectual Leader Group Member                                                           |
| 2013-2015 | Undergraduate representative of the College Advisory Council of the Department of Media and Information |

### External Professional Service

|           |                                                                                                |
|-----------|------------------------------------------------------------------------------------------------|
| 2025      | NIH Panelist.                                                                                  |
| 2026      | ACM Human Factors in Computing Systems Area Chair                                              |
| 2025      | ACM Computer-Supported Collaborative Work. Senior Program Committee.                           |
| 2025      | ACM Computer-Supported Collaborative Work. Editor.                                             |
| 2025      | ACM Human Factors in Computing Special-Interest-Group (SIG) Co-Chair                           |
| 2024      | NSF Panelist.                                                                                  |
| 2024      | ACM Human Factors in Computing Systems Area Chair                                              |
| 2024      | ACM Computer-Supported Collaborative Work Workshops Co-Chair                                   |
| 2024      | Springer Journal of Computer-Supported Collaborative Work. Editor.                             |
| 2023      | ACM Computer-Supported Collaborative Work Area Chair                                           |
| 2023      | ACM Human Factors in Computing Systems Area Chair                                              |
| 2022      | NSF Panelist                                                                                   |
| 2022      | ACM Computer-Supported Collaborative Work Area Chair                                           |
| 2022      | ACM Computer-Supported Collaborative Work Awards Committee                                     |
| 2022-     | Associate Editor at Elsevier Smart Health Journal                                              |
| 2022-     | Associate Editor at Foundations and Trends in Human-Computer Interaction                       |
| 2022      | Co-Chair, American Psychological Association (APA) Committee for Human Research (CHR).         |
| 2021      | NIH SBIR Panelist                                                                              |
| 2021      | ACM Human Factors in Computing Systems Area Chair for Health                                   |
| 2021      | NSF Panelist                                                                                   |
| 2020-2021 | Committee member, American Psychological Association (APA) Committee for Human Research (CHR). |
| 2018-2022 | ACM Computer-Supported Collaborative Work Steering Committee                                   |

2021 ACM Computer-Supported Collaborative Work Conference Area Chair

2021 Technical Program Committee. IEEE/ACM Conference on Connected Health Applications, Systems, and Engineering Technologies (CHASE) 2021.

2020 Organizing Committee. Workshop on Interactive Systems in Healthcare 2020.

2020 Steering Committee. Workshop on Interactive Systems in Healthcare 2020.

2020 ACM Human Factors in Computing Systems Area Chair for Understanding People

2019 ACM Computer-Supported Collaborative Work Conference program committee

2019 The Web Conference Program Committee

2019 ACM Human Factors in Computing Systems Area Chair for Design

2019 Best Paper Nominee Committee. ACM CHI 2019.

2019 NSF Panelist 3 (Panel session name removed per NSF policy)

2019 NSF Panelist 2 (Panel session name removed per NSF policy)

2019 NSF Panelist 1 (Panel session name removed per NSF policy)

2018 NSF Panelist (Panel session name removed per NSF policy)

2017 NSF Panelist (Panel session name removed per NSF policy)

2018 AMIA 2018 Annual Symposium Scientific Program Committee

2017 IEEE Pervasive Health 2017 Program Committee

2017 Workshop for Interactive Systems Healthcare 2017 Co-Chair

2017 ACM Computer-Supported Collaborative Work Conference program committee

2016 ACM Designing Interactive Systems Program Committee

2016 AMIA 2016 Annual Symposium Scientific Program Committee

2016 Pervasive Health Posters and Demos Co-Chair

2015 ACM Human Factors in Computing Systems Area Chair for Special Applications-Health

2015 ACM ACM Computer-Supported Collaborative Work Conference program committee

2014 ACM Human Factors in Computing Systems Area Chair for Special Applications-Health

2013 ACM Human Factors in Computing Systems Area Chair for Special Applications-Health

2013 ACM Human Factors in Computing Systems Work-in-progress Program Committee

2013 ACM Computer-Supported Collaborative Work Conference program committee

2012 ACM Human Factors in Computing Systems Work-In-Progress program committee

### Review Experience

BioMed Central, Association of Computing Machinery (ACM) Human factors in computing systems (CHI), NordiCHI, INTERACT, ACM Computer Supported Collaborative Work (CSCW), JCSCW, ACM Designing Interactive Systems, ACM GROUP, Computing Reviews, American Medical Informatics Association (AMIA), Design Research Society, Interacting with Computers, Journal of Medical Internet Research, International Journal of Human-Computer Systems, National Library of Medicine Conference, IEEE Pervasive Health, Book chapter for eHealth, Journal of International Medical Research, Computers in Human Behavior, Media and Society, Journal of Biomedical Informatics, Journal of American Medical Informatics

### Professional Membership

Association of Computing Machinery, American Medical Informatics Association

### Students

Doctoral thesis/candidacy committee

|              |                                                                                                                   |
|--------------|-------------------------------------------------------------------------------------------------------------------|
| 2025-Current | Kexin Chen, Advisor, doctoral student, Department of Computer Science, Stevens Institute of Technology            |
| 2025-Current | Nikitha Preetham, Advisor, doctoral student, Department of Computer Science, Stevens Institute of Technology      |
| 2023-Current | Hao Yuan, Advisor, doctoral student, Department of Computer Science, Stevens Institute of Technology              |
| 2023-Current | Katie Zellner, Candidacy Committee, doctoral student, Drexel University, College of Computing and Informatics     |
| 2023-Current | Layla Bouzoubaa, Candidacy Committee, doctoral student, Drexel University, College of Computing and Informatics   |
| 2022-Current | Veena Calambur, Advisor, doctoral student, School of Engineering and Science, Stevens Institute of Technology     |
| 2020-Current | Lu Wang, Advisor, doctoral student, Department of Computer Science, Stevens Institute of Technology               |
| 2019-2024    | Diva Smriti, Advisor, doctoral student, Drexel University, College of Computing and Informatics                   |
| 2021-2022    | Troy Finamore, Candidacy Committee, doctoral student, Drexel University, College of Computing and Informatics     |
| 2021-2024    | Angela Mastrianni, Candidacy Committee, doctoral student, Drexel University, College of Computing and Informatics |

|                             |                                                                                                                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019                        | Drashko Nakikj, External Committee member, Columbia University,<br>Biomedical Informatics<br><i>Postdoc, Harvard University</i>                                                  |
| A Master's Degree Committee |                                                                                                                                                                                  |
| 2021                        | Meredith Montgomery, HCC Master's Capstone Project Advisor,<br>Drexel University; <i>Experience Designer, Think Company</i>                                                      |
| 2021                        | Shirley Qian, HCC Master's Capstone Project Advisor, Drexel<br>University<br><i>PhD student, Northeastern University</i>                                                         |
| 2021                        | Kasey Meredith, HCC Master's Capstone Project Advisor, Drexel<br>University<br><i>User Experience Researcher, Chatham Financial</i>                                              |
| 2020-2021                   | Rahil Rathod, IS Master's Capstone Project Advisor, Drexel<br>University<br><i>Software Engineer, Tata Consultancy Services</i>                                                  |
| 2020-2021                   | Emilia Edwards, HCC Master's Capstone Project Advisor, Drexel<br>University                                                                                                      |
| 2020-2021                   | Noor Huda, HCC Master's Capstone Project Advisor, Drexel<br>University                                                                                                           |
| 2019-2020                   | Eugenia Chan, MSHI Master's Capstone Project Advisor, Drexel<br>University                                                                                                       |
| 2015                        | Tianyu Hu, Master's Committee Chair, Michigan State University,<br>Media and Information<br><i>UX Designer &amp; Researcher, Age of Learning, Inc. LABS, Los<br/>Angeles, CA</i> |
| 2015                        | Shengji Zhou, Master's Committee, Michigan State University,<br>Media and Information<br><i>User Experience Designer</i>                                                         |
| Research Advisee            |                                                                                                                                                                                  |
| Fall 2025-                  | Taewon Yu, Department of Computer Science, Stevens Institute of<br>Technology                                                                                                    |
| Fall 2025-                  | Vivian Oh, Academy for Technology and Computer Science,<br>Bergen County Academies. High School Intern.                                                                          |
| Summer 2025                 | Aarush Goyal, Academy for Technology and Computer Science,<br>Bergen County Academies. High School Intern.                                                                       |
| Spring 2025-                | Lauren Flynn, Department of Computer Science, Stevens Institute<br>of Technology                                                                                                 |
| Spring 2025-                | Archiit Rajanala, Department of Computer Science, Stevens<br>Institute of Technology                                                                                             |

|              |                                                                                                                                                 |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Spring 2025- | Duncan Lynch, Department of Computer Science, Stevens Institute of Technology                                                                   |
| Spring 2025- | Gursimran Vasir, Department of Computer Science, Stevens Institute of Technology                                                                |
| Spring 2025- | Adi Kumaran, Department of Computer Science, Stevens Institute of Technology                                                                    |
| Spring 2025- | Ananya Shrivastava, Department of Computer Science, Stevens Institute of Technology                                                             |
| Spring 2025  | Adithya Ganesh, Department of Computer Science, Stevens Institute of Technology                                                                 |
| Spring 2025  | Prutha Trivedi, Undergraduate, Department of Computer Science, Stevens Institute of Technology                                                  |
| 2024-2025    | Javier Rojo Llorens, Undergraduate, Department of Computer Science, Stevens Institute of Technology                                             |
| 2024-2025    | Kalyn Thies, Undergraduate, Department of Computer Science, Stevens Institute of Technology                                                     |
| 2024-2025    | Chanwoo Lee, Undergraduate, Department of Computer Science, Stevens Institute of Technology                                                     |
| Summer 2024  | Jo Nam, Master student, The New School, New York, New York.                                                                                     |
| 2023-        | Jordyn Young, Doctoral student, Drexel University                                                                                               |
| 2023-2024    | Krishna Thaker, STAR student, Drexel University                                                                                                 |
| 2023         | Samson Adeniyi, Doctoral student, Drexel University                                                                                             |
| 2023         | Anindita Bandyopadhyay, Doctoral student, Drexel University                                                                                     |
| 2023         | Abass Ahmed, Doctoral student, Drexel University                                                                                                |
| 2022-2024    | Kaylie Nguyen, STAR student, Drexel University                                                                                                  |
| 2022-2023    | Lee Scott, HCC master's student, Drexel University, College of Computing                                                                        |
| 2021-2022    | Sukhi Sandhu, HCC master's student, Drexel University, College of Computing<br><i>Senior Analyst, Experience Strategy &amp; Design, Comcast</i> |
| 2021-2022    | Vincent Savarese, co-op undergraduate student, Drexel University, College of Computing (Funded by SmartCup project)                             |
| 2021-2022    | Mohammed Alam, co-op undergraduate student, Drexel University, College of Computing (Funded by VoiceXML Forum grant)                            |
| 2021 Summer  | Vyshnavi Anandan, medical student, Drexel University                                                                                            |
| 2021 Summer  | Rishabh Matta, medical student, Drexel University                                                                                               |

|              |                                                                                                                                                                                   |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2020-2021    | Nadien Zerban, undergraduate student, Drexel University, College of Computing (Funded by Faculty Summer Research Award)                                                           |
| 2020         | Nishtha Gupta, medical student, Drexel University (STAR Scholar Program)                                                                                                          |
| 2020-Current | Emily Schramm, medical student, Drexel University (STAR Scholar Program, Funded by DARE, Drexel University)                                                                       |
| 2020-Current | Bogeum Choi, doctoral Student, University of North Carolina, Chapel Hill                                                                                                          |
| 2020         | Elizabeth Ominsky, undergraduate student, Cornell University (Visiting Scholar)                                                                                                   |
| 2020         | Hyung-Wook Choi, master's student, Drexel University, College of Computing and Informatics<br><i>PhD student, Drexel University</i>                                               |
| 2019-2020    | Munif Mujib, doctoral student, Drexel University, College of Computing and Informatics<br><i>Data Scientist, Cerebras Systems</i>                                                 |
| 2018-2019    | Maegan Johnson, undergraduate student, Michigan State University, College of Computer Science and Engineering<br><i>Software Engineer, Soar Technology, Inc</i>                   |
| 2018-2020    | Ji Youn Shin, doctoral student, Michigan State University, Media and Information<br><i>Tenure-Track Assistant Professor, University of Minnesota-Minneapolis</i>                  |
| 2018-2020    | Minjin Rheu, doctoral student, Michigan State University, Media and Information<br><i>Tenure-Track Assistant Professor, Loyola University</i>                                     |
| 2018         | Jinghan Ni, undergraduate student, Michigan State University, Media and Information<br><i>Associate UX Architect, MRM</i>                                                         |
| 2017         | Giovanni Troiano, postdoc, University of California San Diego, Department of Medicine, funded by NIH 1U24AI117966<br><i>Visiting Assistant Professor, Northeastern University</i> |
| 2017         | Yuanyuan Feng, doctoral student, University of Maryland Baltimore County, Information science<br><i>Tenure-Track Assistant Professor, University of Vermont</i>                   |
| 2017         | Zhen Liang, undergraduate student, Peking University                                                                                                                              |
| 2017         | Aleksandre Bogotov, undergraduate student, University of California San Diego, Department of Computer Science / Bioinformatics                                                    |

|           |                                                                                                                                                                                |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2017      | Stephen Trac, undergraduate student, University of California San Diego, Department of Cognitive Science<br><i>Business Development Manager, Udacity</i>                       |
| 2017      | Luz Mascorro, high school student, Preuss High School, San Diego, CA<br><i>Undergraduate Student, University of California Merced, School of Engineering</i>                   |
| 2016-2018 | Sid Ambulkar, undergraduate student, University of California San Diego, Bioinformatics, Premed<br><i>Medical student, Northwestern University Feinberg School of Medicine</i> |
| 2016-2017 | Brian Kim, undergraduate student, University of California San Diego, Department of Computer Science                                                                           |
| 2016-2017 | Raina Ahuja, undergraduate student, University of California San Diego, Department of Computer Science<br><i>Product Manager, Scribe</i>                                       |
| 2016-2017 | Enrique Zavala, undergraduate student, University of California San Diego, Department of Cognitive Science                                                                     |
| 2016-2017 | Elmer Barrera, undergraduate student, University of California San Diego, Department of Cognitive Science<br><i>Experience Designer 2, Adobe</i>                               |
| 2016-2017 | Connie Guan, undergraduate student, University of California San Diego, Department of Cognitive Science<br><i>Master of CS, UC San Diego</i>                                   |
| 2016-2017 | Lizbeth Escobedo, postdoc, University of California San Diego, Department of Medicine, funded by NSF #1622626<br><i>Assistant Professor, Universidad Tijuana</i>               |
| 2016-2017 | Tsung-Ting Kuo, postdoc, University of California San Diego, Department of Medicine<br><i>Assistant Professor, UC San Diego</i>                                                |
| 2016-2017 | Elizabeth S Epstein, medical student, University of California San Diego, School of Medicine                                                                                   |
| 2016-2017 | Meera Reghunathan, medical student, University of California San Diego, School of Medicine                                                                                     |
| 2016-2017 | Ella Meng, master's student, University of Michigan, University of California San Diego iDASH summer intern                                                                    |
| 2016      | Mitchell Boldin, master's student, University of Michigan, University of California San Diego iDASH summer intern                                                              |
| 2015-2017 | Rebecca Marmor, School of Medicine surgical resident, University of California San Diego, Department of Medicine, Biomedical                                                   |

|           |                                                                                                                                                                                                                     |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | informatics NLM Postdoctoral Fellowship<br><i>Assistant Professor, Surgery, Johns Hopkins University</i>                                                                                                            |
| 2015-2018 | Couri VanDam, doctoral student, Michigan State University,<br>College of Computer Science and Engineering<br><i>Research Scientist, MIT Lincoln Lab</i>                                                             |
| 2015-2016 | Jasmine Roberts, doctoral student, University of California San<br>Diego, Computer Science<br><i>Senior XR Engineer, Forbes 30 under 30, Microsoft Research</i>                                                     |
| 2015      | Alexandria Trocke, doctoral student, Michigan State University,<br>College of Nursing<br><i>Registered Nurse, St. Joseph Mercy Health System</i>                                                                    |
| 2014-2015 | Syed Ali Hussain, doctoral student, Michigan State University,<br>Department of Journalism<br><i>Assistant Professor, Arizona State University, Walter Cronkite<br/>School of Journalism and Mass Communication</i> |
| 2014-2015 | Mengyan Ma, doctoral student, Michigan State University,<br>Department of Advertising and Public Relations<br><i>Tenure-track Assistant Professor, University of Wisconsin-Eau Claire</i>                           |
| 2014      | Kendra Pennings, doctoral student, Michigan State University,<br>College of Nursing                                                                                                                                 |
| 2014      | Daniel Totzkay, doctoral student, Michigan State University,<br>Department of Communication<br><i>Assistant Professor, West Virginia University Department of<br/>Communication Studies</i>                         |
| 2014      | Katie Hoban, undergraduate student, Michigan State University<br>Research Analyst, Pilot44 Labs                                                                                                                     |
| 2014      | Justus Grant, undergraduate student, Michigan State University,<br>College of Engineering, Served as advisor for ENSURE Program<br><i>Software Engineer, McKesson</i>                                               |
| 2013-2015 | Shupei Yuan, doctoral student, Michigan State University,<br>Department of Advertising and Public Relations<br><i>Assistant Professor, Northern Illinois University Department of<br/>Communication</i>             |
| 2013      | Young Jun Sah, doctoral student, Michigan State University,<br>Telecommunication<br><i>Assistant Professor, Seogang University</i>                                                                                  |