

## Education

- 2020-2025**  
**University of California, Irvine**  
*Ph.D. in Informatics*  
Committee: Daniel A. Epstein (Chair), Yunan Chen, Stephen M. Schueller, Young-Ho Kim
- 2017-2019**  
**Purdue University**  
*M.S. in Computer-Graphics Technology*  
Thesis: Investigating the Self-Tracking Use for Mental Wellness of New Parents  
Committee: Austin L. Toombs (Chair), Colin Gray, Hwajung Hong
- 2011-2017**  
**Seoul National University**  
*B.A. in Consumer and Child Studies, B.A. in Information Science & Culture*  
*cum laude* (GPA: 3.85 / 4.3)

## Awards

- 2023-2025**  
**2023**  
**2020**  
**2017**  
**2017**
- Google PhD Fellowship** (\$70,000)  
**Best Paper Award, CHI 2023** (top 1%)  
University of California, Irvine Graduate Dean's Recruitment Fellowship (\$5,000)  
ASSETS 2017 ACM Student Research Competition, the Gold Medal (Undergraduate section)  
Seoul National University Student Directed Education Program Research Excellence Award

## Conference Publications

- 2024** [C6] **Understanding the Impact of Long-Term Memory on Self-Disclosure with Large Language Model-Driven Chatbots for Public Health Intervention**  
[Eunkyung Jo](#), Yuin Jeong, SoHyun Park, Daniel A. Epstein, Young-Ho Kim  
Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems
- 2023** [C5] **Understanding the Benefits and Challenges of Deploying Conversational AI Leveraging Large Language Models for Public Health Intervention**  
[Eunkyung Jo](#), Daniel A. Epstein, Hyunhoon Jung, Young-Ho Kim  
Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems  
Best Paper Award (Top 1% of submissions)
- 2022** [C4] **Designing Flexible Longitudinal Regimens: Supporting Clinician Planning for Discontinuation of Psychiatric Drugs**  
[Eunkyung Jo](#), Myeonghan Ryu, Georgia Kenderova, Samuel So, Bryan Shapiro, Alexandra Papoutsaki, Daniel A. Epstein  
Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems
- 2021** [C3] **Comparing Perspectives around Human and Technology Support for Contact Tracing**  
Xi Lu, Tera L. Reynolds, [Eunkyung Jo](#), Hwajung Hong, Xinru Page, Yunan Chen, Daniel A. Epstein  
Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems
- 2020** [C2] **Understanding Parenting Stress through Co-Designed Self-Trackers**  
[Eunkyung Jo](#), Austin L. Toombs, Colin M. Gray, Hwajung Hong  
Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems
- 2019** [C1] **Toward Becoming a Better Self: Understanding Self-Tracking Experiences of Adolescents with Autism Spectrum Disorder Using Custom Trackers**  
Sung-In Kim, [Eunkyung Jo](#), Myeonghan Ryu, Inha Cha, Youngho Kim, Heejeong Yoo, Hwajung Hong  
Pervasive Health 2019

## Journal Publications

- 2024 [J6] **Exploring Patient-Generated Annotations to Digital Clinical Symptom Measures to Promote Patient-Centered Communication**  
[EunKyung Jo](#), Rachael Zehrung, Katherine E. Genuario, Alexandra Papoutsaki, Daniel A. Epstein  
Proceedings of the ACM on Human-Computer Interaction 8, CSCW2
- 2023 [J5] **Exploring User Perspectives of and Ethical Experiences with Teletherapy Apps: Qualitative Analysis of User Reviews**  
[EunKyung Jo](#), Whitney-Jocelyn Kouaho, Stephen M. Schueller, Daniel A. Epstein  
JMIR Mental Health. Volume 10, 2023
- 2022 [J4] **Understanding Cultural Influence on Perspectives Around Contact Tracing Strategies**  
Xi Lu, [EunKyung Jo](#), Seora Park, Hwajung Hong, Yunan Chen, Daniel A. Epstein  
Proceedings of the ACM on Human-Computer Interaction 6, CSCW2
- [J3] **GeniAuti: Toward Data-Driven Interventions to Challenging Behaviors of Autistic Children through Caregivers' Tracking**  
[EunKyung Jo](#), Seora Park, Hyeonseok Bang, Youngeun Hong, Yeni Kim, Jungwon Choi, Bung Nyun Kim, Daniel A. Epstein, Hwajung Hong  
Proceedings of the ACM on Human-Computer Interaction 6, CSCW1
- 2020 [J2] **MAMAS: Supporting Parent-Child Mealtime Interactions Using Automated Tracking and Speech Recognition**  
[EunKyung Jo](#), Hyeonseok Bang, Myeonghan Ryu, Eun Jee Sung, Sungmook Leem, Hwajung Hong  
Proceedings of the ACM on Human-Computer Interaction 4, CSCW1
- 2019 [J1] **The Social Infrastructure of Co-spaces: Home, Work, and Sociable Places for Digital Nomads**  
Ahreum Lee, Austin L. Toombs, Ingrid Erickson, David Nemer, [EunKyung Jo](#), Yushen Ho, Zhaung Guo  
Proceedings of the ACM on Human-Computer Interaction 3, CSCW1

## Lightly Reviewed Works (Posters, Workshop Papers)

- 2024 [L8] **Incorporating Multi-Stakeholder Perspectives in Evaluating and Auditing of Health Chatbots Driven by Large Language Models**  
[EunKyung Jo](#), Young-Ho Kim, Yuin Jeong, SoHyun Park, Daniel A. Epstein  
CHI 2024 Workshop – Human-Centered Evaluation and Auditing of Language Models
- 2023 [L7] **GeniAuti: Towards Data-Driven Interventions to Challenging Behaviors of Autistic Children through Caregivers' Tracking**  
[EunKyung Jo](#), Seora Park, Hyeonseok Bang, Youngeun Hong, Yeni Kim, Jungwon Choi, Bung Nyun Kim, Daniel A. Epstein, Hwajung Hong  
CHI 2023 Workshop – Workshop in Interactive Systems for Healthcare
- 2022 [L6] **Examining the Role of Conversational AI in Personal Informatics Systems for Collaborative Health Work and Care**  
[EunKyung Jo](#), Young-Ho Kim, Yuin Jeong, Hyeri Kim, Hyun Jung Park, Daniel A. Epstein  
CHI 2022 Workshop – Grand Challenges in Personal Informatics and AI
- 2020 [L5] **Development of a Mobile Application That Tracks Challenging Behaviors of Children with Autism Spectrum Disorders for Supporting Data-Driven Interventions**  
Hwajung Hong, [EunKyung Jo](#), Yeni kim, Youngeun Hong  
The International Society for Autism Research (INSAR) 2020 Annual Meeting
- 2019 [L4] **Investigating the Self-Tracking Use for Managing Stress of New Parents**  
[EunKyung Jo](#)

Doctoral Consortium of Pervasive Health 2019

- 2018 [L3] **A Study for Designing a Cooperative Self-Management Program on a Smartphone for Adolescents with Autism Spectrum Disorder**  
Eunkyung Jo, Sung-In Kim, Myeonghan Ryu, Hwajung Hong, Heejung Yoo  
Grace Hopper Celebration 2018
- 2018 [L2] **A Study for Designing a Cooperative Self-Management Program on a Smartphone for Adolescents with Autism Spectrum Disorder**  
Eunkyung Jo, Sung-In Kim, Myeonghan Ryu, Hwajung Hong, Heejung Yoo  
Office of Interdisciplinary Graduate Programs 2018 Spring Reception, Purdue University
- 2017 [L1] **COSMA: Cooperative Self-Management Tool for Adolescents with Autism**  
Myeonghan Ryu, **Eunkyung Jo**, Sung-In Kim  
ASSETS 2017: ACM SIGACCESS Conference on Computers and Accessibility  
- Won the **Gold medal** in Student Research Competition Undergraduate Section

## Research Experiences

- 2020-2025 **Graduate Student Researcher** | University of California, Irvine  
Advisor: Dr. Daniel Epstein
- Designing tools to assist providers in developing longitudinal plans for discontinuing antidepressants [C4]
  - Designing tools to facilitate patient-provider communication in symptom monitoring when discontinuing antidepressants [J6]
  - Analyzing user reviews of commercial teletherapy apps [J5]
  - Comparing people's perceptions toward contact tracing during the COVID-19 era in the US vs. Korea through a survey [C3], [J4]
- Summer 2022, Summer 2023 **Research Intern** | NAVER AI Lab, South Korea  
Mentor: Dr. Young-Ho Kim
- Examined the role of conversational AI system, *CLOVA CareCall*, for social isolation interventions through a multi-stakeholder interview study [C6], [L4]
  - Examined how long-term memory integration impacts people's interaction with large language model-driven chatbots in public health intervention through a mixed-method study [C5], [L8]
- 2019-2020 **Researcher** | Seoul National University & National Center for Mental Health in Korea  
Supervisors: Dr. Hwajung Hong & Yeni Kim, MD, Ph.D.
- Field deployment of a system kit to improve eating behavior of children in the family mealtime context [J2]
  - Field deployment of a mobile application for caregivers to track challenging behaviors of children with autism [J3], [L7]
- 2017-2019 **Research Intern** | UNIST & Seoul National University  
Advisor: Dr. Hwajung Hong
- Understanding custom self-tracking experiences of adolescents with autism [C1], [L5]
  - Designed a schedule management program for the smartwatch platform for children with autism spectrum disorder [L3], [L2], [L1]
- 2018-2019 **Graduate Research Assistant** | Purdue University  
Thesis Advisor: Dr. Austin Toombs
- Ran workshops with new parents to co-design custom self-trackers for managing parenting stress [C2], [L4]

**2018**                    **Graduate Research Assistant** | Purdue University & KIMM  
-     Developed message protocols for multiple VR devices using VRPN, collaborating with *Korea Institute of Machinery and Materials (KIMM)*

**2016**                    **Purdue University & IITP Capstone Program**  
-     Developed an educational game using Unity for VR devices

## Teaching Experiences

**2021**                    **Graduate Teaching Assistant** | University of California, Irvine  
INF 153: Computer-Supported Cooperative Work (Spring 2021, Prof. Yunan Chen)  
-     Graded assignments and gave feedback on final project outcomes  
  
INF 133: User Interaction Software (Winter 2021, Prof. Daniel Epstein)  
-     Ran lab sessions and graded assignments (HTML, CSS, JavaScript, TypeScript, Angular, and Ionic)

**2017**                    **Graduate Teaching Assistant** | Purdue University  
CIT 255: Introduction to Object-Oriented Programming (Fall 2017, Prof. Eric Matson)  
-     Ran lab sessions and graded assignments (C#)

## Academic Mentorship

**2020-2025**            Allison Liu, University of California, Irvine (Undergraduate), Fall 2022  
**2019-2020**            Seora Park, Seoul National University (Undergraduate), Spring 2020 – Fall 2020

## Invited Talks

**2024**                    *Advancing Long-Term Health Monitoring Amidst Infrastructural Constraints*  
Cornell Information Science PhD Seminar (March 2024)  
  
**2023**                    *Understanding Human Infrastructures of Technology for Mental Health and Wellbeing*  
HAI Lab, Seoul National University of Science and Technology (July 2023)  
  
**2021**                    *Data-Driven Mental Health Care in Interpersonal and Infrastructural Contexts*  
HCI@KAIST Seminar, KAIST (Dec 2021)

## Service

**2023-Present**        **Program Committee**  
IEEE International Conference on Healthcare Informatics (ICHI) (2023)

**2020-Present**        **Peer Review**  
ACM CHI (2021-2024): 5 *Special Recognition for Outstanding Reviews*  
ACM CSCW (2020-2024): 1 *Special Recognition for Outstanding Reviews*  
ACM DIS (2021, 2024)  
ACM IMWUT (2023)  
JAMIA (Journal of the American Medical Informatics Association) (2023)

**2022-Present**        **Student Volunteering**  
CHI 2023 Symposium: Workgroup on Interactive Systems in Healthcare (WISH) - *Web Chair*  
CHI 2022 - *Student Volunteer*