

Employment

2018-Present University of California, Irvine
Assistant Professor
Department of Informatics, Donald Bren School of Information & Computer Sciences
Courtesy appointment, Department of Computer Science
Areas: Human-Computer Interaction, Ubiquitous Computing, Social Computing, Health

Education

2012-2018 University of Washington
Ph.D., Computer Science & Engineering, 2018
Dissertation title: Everyday Personal Informatics
Advisors: James Fogarty, Sean Munson
Committee: James Fogarty, Sean Munson, David McDonald, Mira Dontcheva, Jessica Hullman
M.S., Computer Science & Engineering, 2014

2008-2012 University of Virginia
B.S., Computer Science with Highest Distinction, 2012
Advisors: Kevin Skadron, Aaron Bloomfield

Conference Publications


- 2022 C20** **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](#)
CHI 2022 [Acceptance Rate 25%]
- C19** **Unpacking Intention and Behavior: Explaining Contact Tracing App Adoption and Hesitancy in the United States**
 Jack Jamieson, [Daniel A. Epstein](#), Yunan Chen, Naomi Yamashita
CHI 2022 [Acceptance Rate 25%] Best Paper Honorable Mention, Top 5% of Submissions
- 2021 C18** **Investigating Preferred Food Description Practices in Digital Food Journaling**
Lucas M. Silva, [Daniel A. Epstein](#)
DIS 2021 [Acceptance Rate 27%]
- C17** **How Cultural Norms Influence Persuasive Design: A Study on Chinese Food Journaling Apps**
Xi Lu, Yunan Chen, [Daniel A. Epstein](#)
DIS 2021 [Acceptance Rate 27%]
- C16** **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](#)
CHI 2021 [Acceptance Rate 26%]
- C15** **The Lived Experience of Child-Owned Wearables: Comparing Children's and Parents' Perspectives on Activity Tracking**

Islil Oygür, Zhaoyuan Su, [Daniel A. Epstein](#), Yunan Chen
CHI 2021 [Acceptance Rate 26%]

2020 C14 **Supporting Caring among Intergenerational Family Members through Family Fitness Tracking**
Qingyang Li, Clara Caldeira, [Daniel A. Epstein](#), Yunan Chen
PervasiveHealth 2020 [Full Presentation; Acceptance Rate 33%]

C13 **Yarn: Adding Meaning to Shared Personal Data through Structured Storytelling**
[Daniel A. Epstein](#), Mira Dontcheva, James Fogarty, Sean A. Munson
GI 2020 [Acceptance Rate 52%]

2018 C12 **Examining Self-Tracking by People with Migraine: Goals, Needs, and Opportunities in a Chronic Health Condition**
 Jessica Schroeder, Chia-Fang Chung, [Daniel A. Epstein](#), Ravi Karkar, Adele Parsons, Natalia Murinova, James Fogarty, Sean A. Munson
DIS 2018 [Acceptance Rate 23%] Best Paper Honorable Mention, Top 5% of Submissions

2017 C11 **Examining Menstrual Tracking to Inform the Design of Personal Informatics Tools**
 [Daniel A. Epstein](#), Nicole B. Lee, Jennifer H. Kang, Elena Agapie, Jessica Schroeder, Laura R. Pina, James Fogarty, Julie A. Kientz, Sean A. Munson
CHI 2017 [Acceptance Rate 25%] Best Paper Award, Top 1% of Submissions

C10 **TummyTrials: A Feasibility Study of Using Self-Experimentation to Detect Individualized Food Triggers**
 Ravi Karkar, Jessica Schroeder, [Daniel A. Epstein](#), Laura R. Pina, Jeffrey Scofield, James Fogarty, Julie A. Kientz, Sean A. Munson, Roger Vilardaga, Jasmine Zia
CHI 2017 [Acceptance Rate 25%] Best Paper Honorable Mention, Top 5% of Submissions


2016 C9 **Reconsidering the Device in the Drawer: Lapses as a Design Opportunity in Personal Informatics**
[Daniel A. Epstein](#), Jennifer H. Kang, Laura R. Pina, James Fogarty, Sean A. Munson
UbiComp 2016 [Acceptance Rate 24%]

C8 **Taking 5: Work-Breaks, Productivity, and Opportunities for Personal Informatics for Knowledge Workers**
[Daniel A. Epstein](#), Daniel Avrahami, Jacob T. Biehl
CHI 2016 [Acceptance Rate 23%]

C7 **Crumbs: Lightweight Daily Food Challenges to Promote Engagement and Mindfulness**
[Daniel A. Epstein](#), Felicia Cordeiro, James Fogarty, Gary Hsieh, Sean A. Munson
CHI 2016 [Acceptance Rate: 23%]

C6 **Beyond Abandonment to Next Steps: Understanding and Designing for Life after Personal Informatics Tool Use**
[Daniel A. Epstein](#), Monica Caraway, Chuck Johnston, An Ping, James Fogarty, Sean A. Munson
CHI 2016 [Acceptance Rate: 23%]

2015 C5 **A Lived Informatics Model of Personal Informatics**
[Daniel A. Epstein](#), An Ping, James Fogarty, Sean A. Munson
UbiComp 2015 [Acceptance Rate: 30%]

C4 **Barriers and Negative Nudges: Exploring Challenges in Food Journaling**
 Felicia Cordeiro, [Daniel A. Epstein](#), Edison Thomaz, Elizabeth Bales, Arvind K. Jagannathan, Gregory D. Abowd, James Fogarty
CHI 2015 [Acceptance Rate: 23%] Best Paper Honorable Mention, Top 5% of Submissions

- C3 From “nobody cares” to “way to go!”: A Design Framework for Social Sharing in Personal Informatics**
Daniel A. Epstein, Bradley H. Jacobson, Elizabeth Bales, David W. McDonald, Sean A. Munson
 CSCW 2015 [Acceptance Rate: 28%]
- 2014 C2 Taming Data Complexity in Lifelogs: Exploring Visual Cuts of Personal Informatics Data**
Daniel A. Epstein, Felicia Cordeiro, Elizabeth Bales, James Fogarty, Sean A. Munson
 DIS 2014 [Acceptance Rate: 26%]
- 2013 C1 Fine-Grained Sharing of Sensed Physical Activity: A Value Sensitive Approach**
Daniel A. Epstein, Alan Borning, James Fogarty
 UbiComp 2013 [Acceptance Rate: 23%]

Journal Publications

- 2022 J15 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: Human-Computer Interaction, Volume 6 Issue CSCW3
- J14 Adapting Multi-Device Deployments During a Pandemic: Lessons Learned from Two Studies**
 Lucas M. Silva, Franceli L. Cibrian, Daniel A. Epstein, Arpita Bhattacharya, Elizabeth A. Ankrah, Jesus A. Beltran, Sabrina E. Schuck, Kimberley D. Lakes, Gillian R. Hayes
 IEEE Pervasive Computing, Volume 21 Issue 1
- 2021 J13 Understanding and Supporting Self-Tracking App Selection**
 Jong Ho Lee, Jessica Schroeder, Daniel A. Epstein
 Proceedings of the ACM: Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT), Volume 5 Issue 4
- J12 A Model of Socially Sustained Self-Tracking for Food and Diet**
 Xi Lu, Yunan Chen, Daniel A. Epstein
 Proceedings of the ACM: Human-Computer Interaction, Volume 5 Issue CSCW2
- J11 Understanding Delivery of Collectively Built Protocols in an Online Health Community for Discontinuation of Psychiatric Drugs**
 Alexandra Papoutsaki, Samuel So, Georgia Kenderova, Bryan Shapiro, Daniel A. Epstein
 Proceedings of the ACM: Human-Computer Interaction, Volume 5 Issue CSCW2
- J10 Deciding If and How to Use a COVID-19 Contact Tracing App: Influences of Social Factors on Individual Use in Japan**
 Jack Jamieson, Naomi Yamashita, Daniel A. Epstein, Yunan Chen
 Proceedings of the ACM: Human-Computer Interaction, Volume 5 Issue CSCW2
- J9 Understanding People’s Use of and Perspectives on Mood Tracking Apps: An Interview Study**
 Stephen M. Schueller, Martha Neary, Jocelyn Lai, Daniel A. Epstein
 JMIR Mental Health, Volume 8 Issue 8
- J8 Goals, Life Events, and Transitions: Examining Fertility Apps for Holistic Health Tracking**
 Mayara Costa Figueiredo, Thu Huynh, Anna Takei, Daniel A. Epstein, Yunan Chen
 JAMIA Open, Volume 4 Issue 1
- 2020 J7 Mapping and Taking Stock of the Personal Informatics Literature**

Daniel A. Epstein, Clara Caldeira, Mayara Costa Figueiredo, Xi Lu, Lucas M. Silva, Lucretia Williams, Jong Ho Lee, Qingyang Li, Simran Ahuja, Qiuer Chen, Payam Dowlatyari, Craig Hilby, Sazed Sultana, Elizabeth V. Eike, Yunan Chen
 Proceedings of the ACM: Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT), Volume 4 Issue 4

J6 Exploring Design Principles for Sharing of Personal Informatics Data on Ephemeral Social Media

Daniel A. Epstein, Siyun Ji, Danny Beltran, Griffin D'Haenens, Zhaomin Li, Tan Zhou
 Proceedings of the ACM: Human-Computer Interaction, Volume 4 Issue CSCW2

J5 Raising the Responsible Child: Collaborative Work in the Use of Activity Trackers for Children

İşıl Oygür, Daniel A. Epstein, Yunan Chen
 Proceedings of the ACM: Human-Computer Interaction, Volume 4 Issue CSCW2

J4 A Life of Data – Characteristics and Challenges of Very Long-Term Self-Tracking for Health and Wellness

Jochen Meyer, Judy Kay, Daniel A. Epstein, Parisa Eslambolchilar, Lie Ming Tang
 ACM Transactions on Computing for Healthcare (HEALTH), Volume 1 Issue 2

2018 J3 Defining Adherence: Making Sense of Physical Activity Tracker Data

Lie Ming Tang, Jochen Meyer, Daniel A. Epstein, Kevin Bragg, Lina Engelen, Adrian Bauman, Judy Kay
 Proceedings of the ACM: Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT), Volume 2 Issue 1

2017 J2 Friends Don't Need Receipts: The Curious Case of Social Awareness Streams in the Mobile Payment App Venmo

Monica Caraway, Daniel A. Epstein, Sean A. Munson
 Proceedings of the ACM: Human-Computer Interaction, Volume 1 Issue CSCW [Acceptance Rate 27%]

J1 Semi-automated tracking: A Balanced Approach for Self-Monitoring Applications

Eun Kyoung Choe, Saeed Abdullah, Mashfiqui Rabbi, Edison Thomaz, Daniel A. Epstein, Matthew Kay, Felicia Cordeiro, Gregory D. Abowd, Tanzeem Choudhury, James Fogarty, Bongshin Lee, Mark Matthews, Julie A. Kientz
 IEEE Pervasive Computing, Volume 16 Issue 1

Book Chapters

2021 B3 Challenges in Everyday Use of Mobile Visualizations

Daniel A. Epstein, Tanja Blascheck, Sheelagh Carpendale, Raimund Dachsel, Jo Vermeulen
 Chapter in Mobile Data Visualization, Chapman and Hall/CRC

B2 Opportunities and Challenges for Long-Term Tracking

Daniel A. Epstein, Parisa Eslambolchiar, Judy Kay, Jochen Meyer, Sean A. Munson
 Chapter in Advances in Longitudinal HCI Research, Springer Nature

2020 B1 Monitoring Menses: Design Based Investigations of Menstrual Tracking Applications

Sarah Fox, Daniel A. Epstein
 Chapter in The Handbook of Critical Menstruation Studies, Palgrave MacMillan

Workshops Organized

- 2022 O5 **Grand Challenges for Personal Informatics and AI**
Lena Mamykina, [Daniel A. Epstein](#), Predrag Klasnja, Donna Spruijt-Metz, Jochen Meyer, Mary Czerwinski, Tim Althoff, Eun Kyoung Choe, Munmun De Choudhury, Brian Y. Lim
CHI 2022 Workshop
- 2021 O4 **The Future of Research on Online Health Communities: Discussing Membership, Structure, and Support**
Alexandra Papoutsaki, Jina Huh-Yoo, Haley MacLeod, Lena Mamykina, Andrew D. Miller, Svetlana Yarosh, [Daniel A. Epstein](#)
CSCW 2021 Workshop
- 2018 O3 **A Short Workshop on Next Steps Toward Long Term Tracking**
Jochen Meyer, [Daniel A. Epstein](#), Parisa Eslambolchilar, Judy Kay, Lie Ming Tang
CHI 2018 Workshop
- 2017 O2 **New Frontiers of Quantified Self 3: Exploring Understudied Categories of Users**
Amon Rapp, Federica Cena, Judy Kay, Bob Kummerfeld, Frank Hopfgartner, Till Plumbaum, Jakob Eg Larsen, [Daniel A. Epstein](#), Rúben Gouveia
UbiComp 2017 Workshop
- 2016 O1 **New Frontiers of Quantified Self 2: Going Beyond Numbers**
Amon Rapp, Federica Cena, Judy Kay, Bob Kummerfeld, Frank Hopfgartner, Till Plumbaum, Jakob Eg Larsen, [Daniel A. Epstein](#), Rúben Gouveia
UbiComp 2016 Workshop

Panels

- 2019 P1 **Women's Health, Wellbeing, & Empowerment**
Neha Kumar, [Daniel A. Epstein](#), Catherine D'Ignazio, Amanda Lazar, Andrea Parker, Muge Haseki, Anupriya Tuli
CSCW 2019 Panel

Workshop Publications

- 2022 W19 **Examining the Role of Conversational AI in Personal Informatics Systems for Collaborative Health Work and Care**
Eunkyoung Jo, Young-Ho Kim, Yuin Jeong, Hyeri Kim, Hyun Jung Park, [Daniel A. Epstein](#)
CHI 2022 Workshop (Grand Challenges in Personal Informatics and AI)
- W18 **Considering the Role of Personal Informatics Systems in Technology Ecosystems for Complex Health**
Xi Lu, [Daniel A. Epstein](#)
CHI 2022 Workshop (Designing Ecosystems for Complex Health Needs)
- 2021 W17 **Comparing Social Support Differences in Activity Data Sharing on Dedicated and Broad Online Communities**
Dennis Wang, Jocelyn Eng, Nick Turpitka, [Daniel A. Epstein](#)
CSCW 2021 Workshop (The Future of Research on Online Health Communities)
- W16 **Methods for Co-Designing Conversational Interactions for Digital Food Journaling**
Lucas M. Silva, David V. Nguyen, [Daniel A. Epstein](#)

CHI 2021 Workshop (Putting Conversational User Interface Design into Practice)

W15 Exploring Tradeoffs in the Design Space of Human-Centered Semi-Automated Food Journaling
Xi Lu, Sruthi Ramabadran, Edison Thomaz, [Daniel A. Epstein](#)
CHI 2021 Workshop (Future of Human-Food Interaction)

W14 Practical Challenges in Piggyback Prototyping Social Media Experiences
Dennis Wang, Marawin Chheang, Siyun Ji, Ryan Mohta, [Daniel A. Epstein](#)
CHI 2021 Workshop (Social Media as a Design and Research Site)

2020 W13 Exploring Voice Input Opportunities in Multimodal Food Journaling
Lucas M. Silva, Yuqi Huai, [Daniel A. Epstein](#)
CHI 2020 Workshop (Conversational Agents for Health and Wellbeing)

2019 W12 Designing to Provide Social Support to Job Seekers After Prison Release
[Daniel A. Epstein](#), Naomi F. Sugie
CSCW 2019 Workshop (Life Transitions and Social Technologies)

W11 Examining Self-Tracking by People with Migraine: Goals, Needs, and Opportunities in a Chronic Health Condition
Jessica Schroeder, Chia-Fang Chung, [Daniel A. Epstein](#), Ravi Karkar, Adele Parsons, Natalia Murinova, James Fogarty, Sean A. Munson
CHI 2019 Symposium (Workgroup on Interactive Systems in Healthcare)

2018 W10 Helping People Find Support through Data: Reflections from Four Projects on Sharing Personal Informatics Data Online
[Daniel A. Epstein](#)
CSCW 2018 Workshop (Social Issues in Personal Informatics)

2017 W9 Exploring Opportunities for Storytelling with Everyday Personal Data
[Daniel A. Epstein](#), James Fogarty, Sean A. Munson
CHI 2017 Workshop (Quantified Data & Social Relationships)

W8 Exploring New Design Directions for Menstrual Tracking Technology
[Daniel A. Epstein](#), Nicole B. Lee, Jennifer H. Kang, Elena Agapie, Jessica Schroeder, Laura R. Pina, James Fogarty, Julie A. Kientz, Sean A. Munson
CHI 2017 Workshop (Hacking Women's Health)

2015 W7 Personal Informatics in Everyday Life
[Daniel A. Epstein](#)
UbiComp/ISWC 2015 Doctoral School

W6 Wearables of 2025: Designing Personal Informatics at a Broader Audience
[Daniel A. Epstein](#), Nicole B. Lee, Elizabeth Bales, James Fogarty, Sean A. Munson
CHI 2015 Workshop (Beyond Personal Informatics: Designing for Experiences with Data)

2014 W5 Failures in Sharing Personal Data on Social Networking Sites
[Daniel A. Epstein](#), James Fogarty, Sean A. Munson
UbiComp 2014 Workshop (Disasters in Personal Informatics: The Unpublished Stories of Failure and Lessons Learned)

W4 Design Considerations for Socially Sharing Quantified Self
[Daniel A. Epstein](#), Elizabeth Bales and Sean A. Munson
CHI 2014 Workshop (Beyond Quantified Self: Data for Wellbeing)

- 2013 W3 Improving Personal Informatics Through Social Sharing**
Daniel A. Epstein
 UbiComp/ISWC 2013 Doctoral School (Junior Track)
- W2 Examining Obstacles to Sharing Fine-Grained Personal Activity Data**
Daniel A. Epstein and James Fogarty
 CHI 2013 Workshop (Personal Informatics in the Wild: Hacking Habits for Health & Happiness)
- 2012 W1 Multi-Granularity Redundancy in Multi-Core SIMT**
Daniel A. Epstein, Kevin Skadron, and Brett H. Meyer (2012).
 DFM&Y 2012 (Workshop on Design for Manufacturability and Yield)

Mentorship and Advising

- University of California, Irvine
- 2018-Present** Ph.D. Student Advising
- Eunkyoung Jo | C16, J15, C20, W19 | Informatics, Fall 2020-Present
- Xi Lu | C16, C17, J7, J12, W14, W18 | Informatics, Fall 2019-Present
- Lucas de Melo Silva | C18, J7, J14, W13, W16 | Informatics, Fall 2019-Present
 (Co-Advised with Gillian Hayes)
- Dennis Wang | W14, W17 | Informatics, Fall 2020-Present
- M.S. Research Mentorship
- Neeraj Dharmadhikari | Computer Science, Winter 2021-Spring 2021
- Jong Ho Lee | J7, J13 | Computer Science, Winter 2020-Winter 2021
- Tan Zhou | J6 | Informatics, Spring & Summer 2019
- Undergraduate Honors Thesis Mentorship
- Nick Turpitka | W17 | Business Information Management & Economics, Summer 2021-Present
- Yuqi Huai | W13 | Computer Science & Software Engineering, Winter 2019-Winter 2020
 Winner of UCI ICS Undergraduate Award for Outstanding Contribution to Research
- Griffin D'Haenens | J6 | Computer Science, Winter & Spring 2019
- Zhaomin Li | J6 | Software Engineering, Winter & Spring 2019
- Undergraduate Research Mentorship
- Ileen Fan | Computer Science, Spring 2022-Present
- Qiran Wang | Informatics, Spring 2022-Present
- Allison Liu | Informatics & Music, Winter 2022
- Jocelyn Eng | W17 | Computer Science, Summer 2021-Present
- Georgia Kenderova | J11, C20 | remote from Pomona College, Spring 2020-Summer 2021
- Ryan Mohta | W14 | Computer Science, Summer 2020-Summer 2021
 SURP Fellowship, Summer 2020
- David Nguyen | W16 | Software Engineering, Fall 2020-Spring 2021
- Samuel So | J11, C20 | remote from Pomona College, Winter 2020-Spring 2021
- Sruthi Ramabadrnan | W15 | Psychology, Fall 2020-Spring 2021
- Edward Wu | Computer Science, Winter 2021
- Marawin Chheang | W14 | Software Engineering, Winter 2020-Winter 2021
 SURF-IOT Fellowship & SURP Fellowship (Honorary), Summer 2020
- Siyun Ji | J6, W14 | Informatics & Computer Science, Spring 2019-Summer 2020

Ryan Kato | Computer Science, Winter 2020-Spring 2020
 Payam Dowlatyari | J7 | Software Engineering, Winter 2020-Spring 2020
 Sazeda Sultana | J7 | Informatics, Winter 2020-Spring 2020
 Simran Ahuja | J7 | Informatics, Winter 2020-Spring 2020
 Julie Tran | Informatics, Fall 2019-Winter 2020
 Dakyung Go | I-SURF program, visiting from Kyung Hee University, Summer & Fall 2019
 Craig Hilby | J7 | visiting from University of Texas at Dallas, Summer 2019
 Danny Beltran | J6 | Informatics, Winter & Spring 2019
 Kimberly Flores | Informatics, Winter & Spring 2019
 Liangze Yu | Computer Science, Winter 2019

Ph.D. Topic Proposals & Defenses

Je Seok Lee | Summer 2020 & Summer 2021
 Fatema Akbar | Fall 2019 & Summer 2021
 Mayara Costa Figueiredo | Fall 2020 & Spring 2021
 David Kutas | Fall 2021

Ph.D. Advancement Committees

Thomas Grace | Spring 2022
 Tenzin Tselha | Fall 2021
 David Kutas | Winter 2021
 Chae Yoo | Winter 2021
 Ali Rostami | Fall 2020
 Fatema Akbar | Spring 2019
 Mayara Costa Figueiredo | Spring 2019
 Ted Grover | Spring 2019
 Mustafa Hussain | Spring 2019

Ph.D. Comprehensive Exam Committees

Richard Martinez | Spring 2022
 Ariel Han | Spring 2021
 Lu He | Fall 2019
 Mayara Costa Figueiredo | Fall 2018

M.S. Thesis Defenses

Colby Reyes | Fall 2021
 Qingyang Li | Fall 2019

University of Washington

2013-2018

Directed Research Groups (HCDE 496/596)

With Sean Munson from 2013 to 2015. Mentored 19 masters and undergraduate students over 5 quarters. Work from group resulted in C3, C5, C6, C13, W4, with student coauthors on C3, C5, C6.

Individual Students mentored outside Directed Research Groups

Monica Caraway | C6, J2 | HCDE M.S., Winter 2016-Spring 2017
 Sol Choi | HCDE B.S., Fall 2016
 Jennifer Kang | C9, C11, W8 | CSE & iSchool B.S., Winter 2016-Summer 2016
 Tejas Bharadwaj | visiting from Bellevue High School, Summer 2015
 King Xia | CSE B.S. honors thesis, Fall 2014-Spring 2015
 Jennifer Kam | visiting from Wellsley College, Summer 2014

Fundraising

External Fundraising

- \$20,000**
(2021-2022) Snap Research Creative Challenge
Building Shared Spaces for Mindfulness with Data
PI (with Co-PI Kurt Squire)
- \$15,000**
(2021-2022) NSF Diet Technology Workshop Seed Grant (subaward of #1851173)
Exploring Trade-offs in the Design Space of Human-Centered Semi-Automated Food Journaling
PI (with Co-PI Edison Thomaz)
- \$174,999**
(2019-2022) NSF CRII CHS #1850389
Examining a Multimodal Approach to Lower the Burden of Food Journaling
Sole PI

Internal Fundraising

- \$15,000**
(2022) Noyce Fellows
AI and Health Equity
Co-PI (with Co-PIs Elena Agapie, Yunan Chen, Sean Young, Kai Zheng)
- \$25,000**
(2021-2022) ICTS Pilot Study Award
A Feasibility Study of an Innovative Informatics Application that Facilitates Tapering of Psychiatric Medications Through Patient-Reported Outcomes and Shared Decision-Making
PI (with Co-Is Bryan Shapiro, Alexandra Papoutsaki)
- \$4,900**
(2021) Academic Senate Council on Research, Computing, and Libraries (CORCL)
Evaluating a Mobile App for Creating Data-Driven Stickers for Ephemeral Social Media
Sole PI
- \$4,920**
(2020) Academic Senate Council on Research, Computing, and Libraries (CORCL)
Children's Introduction to Wearable Technologies:
Use of Activity Trackers and Smartwatches in Families for Health Tracking
Sole PI
- \$75,000**
(2020-2021) ICS Research Award, Exploration Category
Self-Tracking, Prediction, and Technology Design in Fertility Care
Co-PI (with PI Yunan Chen, External Collaborator H. Irene Su)
- \$2,885**
(2019) Academic Senate Council on Research, Computing, and Libraries (CORCL)
Designing Data-Driven Stickers for Support and Advice on Social Media
Sole PI

Teaching Experience

University of California, Irvine

- 2018-Present** Instructor
- Seminar Informatics (IN4MATX 209S): Fall/Winter/Spring 2020-2022
 - User Interaction Software (IN4MATX 133): Fall 2018, Fall 2019, Winter 2021, Winter 2022
 - Research in Human-Centered Computing (IN4MATX 232): Winter 2022
 - Introduction to Ubiquitous Computing (IN4MATX 241/CS 248A): Winter 2019, Winter 2021
 - Moving Human Subjects Research Online (IN4MATX 299, with Stacy Branham): Spring 2020
 - Personal Informatics (IN4MATX 295): Winter 2020

User Interface Design & Evaluation (IN4MATX 231): Fall 2019

University of Washington

2014-2016

Teaching Assistant

Advanced Topics in HCI (CSE 510): Winter 2016

HCI Capstone (CSE 441): Spring 2015,

Introduction to HCI (CSE 440): Autumn 2014

2013-2016

Tutor

Data Structures and Algorithms (CSE 373), Data Abstractions (CSE 332),

Software Design & Implementation (CSE 331), Database Systems Internals (CSE 444)

University of Virginia

2009-2012

Teaching Assistant

Introduction to Programming (CS 1110), Operating Systems (CS 4414),

Game Design (CS 4501), Algorithms (CS 4102), Program and Data Representation (CS 2150)

Professional Experience

**Summer
2017**

Adobe, Research Intern, Creative Intelligence Lab

Mentor: Mira Dontcheva

Designing for telling stories of accomplishment with personal data, published in C13.

**Summer
2015**

FXPAL, Research Intern

Mentors: Daniel Avrahami, Jacob Biehl

Understanding and designing for breaks taken by knowledge workers, published in C8.

2012-2018

University of Washington, Research Assistant, DUB Group

Advisors: James Fogarty, Sean Munson

Exploring how personal informatics can align with people's everyday experiences.

2010-2012

University of Virginia, Undergraduate Research Assistant, LAVA Lab

Advisors: Kevin Skadron, Brett Meyer

Increasing manufacturing reliability in single-instruction, multiple-data (SIMD) processors.

**Summer
2011, 2012**

Microsoft, Software Development Engineer in Test Intern, Xbox

Wrote web service test framework for issuing game console commands

Service, Awards, and Honors

Program Committees

2022

IMWUT

2021

CSCW

IMWUT

CHI (Subcommittee – Health)

2020

PervasiveHealth

CSCW

CHI (Subcommittee – Health)

2019

PervasiveHealth (Senior Program Committee)

CHI (Subcommittee – Understanding People: Theory, Concepts, and Methods)

2018

CHI Workshop on Data Visualization on Mobile Devices

2017	PervasiveHealth CHI Workshop on Quantified Data and Social Relationships
2016	CHI Late-Breaking Work HealthWear
2015	UbiComp Workshop on New Frontiers on Quantified Self
2014-Present	<p>Reviewing CHI (2014-2022) UbiComp/IMWUT (2014-2021) CSCW (2017-2021) DIS (2016-2020, 2022) UIST (2017, 2019-2020) MobileHCI (2014-2019, 2021)</p> <p>Additional Journals including TOCHI, TiiS, IJHCI, IEEE Pervasive, JMIR, JASIST, Nature Human Behavior, Human-Computer Interaction, and Foundations & Trends in Human Computer Interaction 23 special recognitions for a review for CHI, UbiComp/IMWUT, CSCW, or DIS</p> <p>University and Departmental Service University of California, Irvine</p>
2021-Present	ICS Executive Committee, Vice-Chair
2020	Faculty Hiring Committee, Health Informatics
2019	Faculty Hiring Committee, Human-Computer Interaction and Design
2018-Present	Informatics Bachelor's Curriculum Committee
2019-Present	HCIC governing board
2016-2017	University of Washington DUB Student Coordinator
2013-2017	UW ACM International Collegiate Programming Contest (ICPC) Coach
2013	DUB Food Coordinator
	Other Service
	Student Volunteering
2017	UbiComp/ISWC Student Volunteer Chair
2016	UbiComp/ISWC UIST Program Committee Meeting
2014	UbiComp/ISWC
2013	UbiComp/ISWC CHI
	Awards
2019	Schloss Dagstuhl Travel Grant (for Dagstuhl Seminar 19292, Mobile Data Visualization)
2018	Best Paper Honorable Mention, DIS (for C12, top 5%)
2017	Adobe Research Fellowship Finalist Best Paper Award, CHI (for C11, top 1%) Best Paper Honorable Mention, CHI (for C10, top 5%)
2015	Best Paper Honorable Mention, CHI (for C4, top 5%) UbiComp Travel Grant
2013	UbiComp Travel Grant
2012	Louis T. Rader UVA CS Departmental award for excellence in service
2011	Louis T. Rader UVA CS Departmental award for excellence in teaching

Invited Talks

- 2021** Menstruation is Everyone's Business. Period.
Panelist, South Asia Center at the London School of Economics, March 2021
- 2020** Sharing Self-Tracked Data on Ephemeral Social Platforms
Snap Research, October 2020
- Tracked Data and Women's Health
With Mayara Costa Figueiredo and Yunan Chen
SURF-IoT Program, University of California, Irvine, August 2020
- Yarn: Adding Meaning to Shared Personal Data through Structured Storytelling
DUB Seminar, University of Washington, May 2020
- 2019** Overcoming Barriers to Everyday Personal Tracking
HCI@KAIST Seminar, December 2019
- 2018** Everyday Personal Informatics
University of Illinois, Urbana-Champaign, April 2018
University of Minnesota, Twin Cities, March 2018
University of California, Irvine, March 2018
Indiana University, Bloomington, March 2018
University of Chicago, March 2018
University of Utah, February 2018
University of Rochester, February 2018
Pennsylvania State University, January 2018
FXPAL, January 2018
University of California, Santa Cruz, January 2018
- 2017** Personal Tracking in Everyday Life
Fitbit, July 2017
- 2016** Crumbs: Lightweight Daily Food Challenges to Promote Engagement and Mindfulness
Computer Science & Engineering Industrial Affiliates, University of Washington, October 2016
- Using Personal Data in Everyday Life: Actionable Insights, Self-Representation, and Eliciting Support
International Society for Research on Internet interventions (ISRII) Scientific Meeting, April 2016
- 2015** A Lived Informatics Model of Personal Informatics
Barriers and Negative Nudges: Exploring Challenges in Food Journaling
Computer Science & Engineering Industrial Affiliates, University of Washington, October 2015
- A Lived Informatics Model of Personal Informatics
FXPAL, September 2015
- Personal Informatics in Everyday Life
HCI Seminar, Stanford University, September 2015
- Receiving Value and Social Support from Personal Informatics Data
University of Maryland, January 2015
- 2013** Fine-Grained Sharing of Sensed Physical Activity: A Value Sensitive Approach
Computer Science & Engineering Industrial Affiliates, University of Washington, October 2013

Guest Lectures

- 2018-Present** University of California, Irvine
Health Self-Tracking Technologies
IN4MATX 171 (Introduction to Medical Informatics), November 2021
- Consumer Health Informatics
IN4MATX 171 (Introduction to Medical Informatics), November 2020
- User's Experience with a Product Service System:
an Analysis of Activity-Oriented Wearables for Children
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IN4MATX 295 (Connected Learning), February 2020
- Aligning Personal Tracking with Everyday Life
ICS 90 (New Student Seminar) , December 2019
ICS H197 (Honors Seminar), October 2019
- Field Deployments
IN4MATX 295 (Digital Methods), November 2019
- Everyday Personal Informatics
ICS H197 (Honors Seminar), November 2018
- 2014-2017** University of Washington
Everyday Personal Informatics
HCDE 419 (Concepts in HCI), May 2017
- Behavior Change and Personal Informatics
HCDE 419 (Concepts in HCI), April 2016
- Experiment Design and Statistics
CSE 510 (Advanced Topics in HCI), January 2016
- Task Analysis
CSE 440 (Introduction to HCI), October 2014
- 2014-Present** Other Universities
Finding Support Through Personal Informatics Data
CS 124 (User Interfaces and User Experience), Pomona College, April 2019
- More than Interaction Design: Exposing the Breadth of HCI
CS 3205 (HCI in Software Development), University of Virginia, October 2014

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- 2021** Venmo Can Reveal Too Much About You. People Like It Anyway
CNET (Laura Hautala, May 2021)
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- 2018** Period Tracking Apps Taught Me More About My Flow Than Sex Ed Ever Did
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- The Race To Hack Your Period is On
Elle (Marina Khidekel, June 2018)
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- 2017** Are You Making This Top Tracker Mistake? Here's How to Stop
Fitbit Blog (Danielle Kosecki, October 2017)
<https://blog.fitbit.com/memory-techniques>
- Period Tracking Apps are Unreliable, But Here's Why We Should Still Use Them
Verily Magazine (Gabriella Patti, August 2017)
<https://verilymag.com/2017/08/reliable-accurate-period-tracker-online-app>
- Chances Are Your Period App is B.S.
Cosmopolitan (Elizabeth Narins, May 2017)
<http://www.cosmopolitan.com/health-fitness/a9598638/period-app-accuracy/>
- Do Period Tracking Apps Work? They Might Not be as Accurate as You Think
Bustle (Georgina Lawton, May 2017)
<https://www.bustle.com/p/do-period-tracking-apps-work-they-might-not-be-as-accurate-as-you-think-55743>
- The Awful Pinkness of Period Apps
The Atlantic (Sarah Zhang, May 2017)
<https://www.theatlantic.com/health/archive/2017/05/period-apps-pink/525207/>
- How to Choose a Period Tracking App that Actually Works for You
Health.com (Amanda MacMillan, May 2017)
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Gynecology and Technology (May 2017)
<http://www.figo.org/news/period-tracking-apps-often-'disappoint'-0015561>
- Period-Tracking Apps get Failing Grade: They're Not Accurate. And They're Way Too Pink.
STAT News (Usha Lee McFarling, May 2017)
<https://www.statnews.com/2017/05/02/period-tracking-apps-flaws/>
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