Daniel A. Epstein

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http://depstein.net/

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 [To appear; Acceptance Rate 13%]

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 [To appear; Acceptance Rate 13%]

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**

Işıl Oygür, Zhaoyuan Su, <u>Daniel A. Epstein</u>, Yunan Chen
CHI 2021 [Acceptance Rate 26%]

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

C13   **Yarn: Adding Meaning to Shared Personal Data through Structured Storytelling**
<u>Daniel A. Epstein</u>, 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, <u>Daniel A. Epstein</u>, 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**
<u>Daniel A. Epstein</u>, 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, <u>Daniel A. Epstein</u>, 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**
<u>Daniel A. Epstein</u>, 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**
<u>Daniel A. Epstein</u>, Daniel Avrahami, Jacob T. Biehl
CHI 2016 [Acceptance Rate 23%]

C7   **Crumbs: Lightweight Daily Food Challenges to Promote Engagement and Mindfulness**
<u>Daniel A. Epstein</u>, 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**
<u>Daniel A. Epstein</u>, 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**
<u>Daniel A. Epstein</u>, An Ping, James Fogarty, Sean A. Munson
UbiComp 2015 [Acceptance Rate: 30%]

C4   **Barriers and Negative Nudges: Exploring Challenges in Food Journaling**
Felicia Cordeiro, <u>Daniel A. Epstein</u>, 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 (accepted, to appear)

2021 **J14** **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

J13 **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

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, Sazeda Sultana, Elizabeth V. Eikey, 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**
Isıl 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 Dachselt, 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

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, <u>Daniel A. Epstein</u>
CHI 2020 Workshop (Conversational Agents for Health and Wellbeing)

2019   **W12**   **Designing to Provide Social Support to Job Seekers After Prison Release**
<u>Daniel A. Epstein</u>, 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, <u>Daniel A. Epstein</u>, 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**
<u>Daniel A. Epstein</u>
CSCW 2018 Workshop (Social Issues in Personal Informatics)

2017   **W9**   **Exploring Opportunities for Storytelling with Everyday Personal Data**
<u>Daniel A. Epstein</u>, James Fogarty, Sean A. Munson
CHI 2017 Workshop (Quantified Data & Social Relationships)

    W8   **Exploring New Design Directions for Menstrual Tracking Technology**
<u>Daniel A. Epstein</u>, 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**
<u>Daniel A. Epstein</u>
UbiComp/ISWC 2015 Doctoral School

    W6   **Wearables of 2025: Designing Personal Informatics at a Broader Audience**
<u>Daniel A. Epstein</u>, 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**
<u>Daniel A. Epstein</u>, 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**
<u>Daniel A. Epstein</u>, Elizabeth Bales and Sean A. Munson
CHI 2014 Workshop (Beyond Quantified Self: Data for Wellbeing)

2013   **W3**   **Improving Personal Informatics Through Social Sharing**
<u>Daniel A. Epstein</u>
UbiComp/ISWC 2013 Doctoral School (Junior Track)

    W2   **Examining Obstacles to Sharing Fine-Grained Personal Activity Data**
<u>Daniel A. Epstein</u> 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**
		<u>Daniel A. Epstein</u>, 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

Eunkyung Jo | C16, J15, C20 | Informatics, Fall 2020-Present

Xi Lu |C16, C17, J7, J12, W14 | Informatics, Fall 2019-Present

Lucas de Melo Silva | C18, J7, J13, 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, J14 | 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

Allison Liu | Informatics & Music, Winter 2022-Present

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 Ramabadran | 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
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
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 Snap Research Creative Challenge
(2021-2022) Building Shared Spaces for Mindfulness with Data
PI (with Co-PI Kurt Squire)

$15,000 NSF Diet Technology Workshop Seed Grant (subaward of #1851173)
(2021-2022) 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)

2009-2012	University of Virginia 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

Reviewing

2014-Present	CHI (2014-2021) UbiComp/IMWUT (2014-2021) CSCW (2017-2021) DIS (2016-2020)

UIST (2017, 2019-2020)

MobileHCI (2014-2019, 2021)

Additional Journals including TOCHI, TiiS, IJHCI, IEEE Pervasive, JMIR, JASIST, Nature Human Behavior, Human-Computer Interaction, and Foundations & Trends in Human Computer Interaction

22 special recognitions for a review for CHI, UbiComp/IMWUT, CSCW, or DIS

University and Departmental Service

University of California, Irvine

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

University of Washington

2016-2017	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

University of California, Irvine
2018-Present   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
With Işıl Oygür
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