

## 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

- 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**  
İşıl 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 Vilaradaga, 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

- 2021 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 (In Press)
- J12 **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
- J11 **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
- 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, Sazedra 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 Dachzelt, Jo Vermeulen  
 Chapter in Mobile Data Visualization, AK Peters (In Press)
- 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

- 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    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 | Informatics, Fall 2020-Present
- Xi Lu | C16, C17, J7, J11, 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 | Informatics, Fall 2020-Present
- M.S. Research Mentorship
- Neeraj Dharmadhikari | Computer Science, Winter 2021-Spring 2021
- Jong Ho Lee | J7 | Computer Science, Winter 2020-Winter 2021
- Tan Zhou | J6 | Informatics, Spring & Summer 2019
- Undergraduate Honors Thesis Mentorship
- 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
- Jocelyn Eng | Computer Science, Summer 2021-Present
- Nick Turpitka | Business Information Management & Economics, Summer 2021-Present
- Georgia Kenderova | J12 | remote from Pomona College, Spring 2020-Summer 2021
- David Nguyen | W16 | Software Engineering, Fall 2020-Spring 2021

Ryan Mohta | W14 | Computer Science, Summer 2020-Present  
 SURP Fellowship, Summer 2020  
 Samuel So | J12 | 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

Mayara Costa Figueiredo | Fall 2020, Spring 2021  
 Je Seok Lee | Summer 2020, Summer 2021  
 Fatema Akbar | Fall 2019, Summer 2021

#### Ph.D. Advancement Committees

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

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
- \$25,000**  
**(2021-2022)** Internal Fundraising  
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

**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

<b>2017</b>	PervasiveHealth CHI Workshop on Quantified Data and Social Relationships
<b>2016</b>	CHI Late-Breaking Work HealthWear
<b>2015</b>	UbiComp Workshop on New Frontiers on Quantified Self
<b>2014-Present</b>	Reviewing 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 18 special recognitions for a review for CHI, UbiComp/IMWUT, CSCW, or DIS
	University and Departmental Service
	University of California, Irvine
<b>2020</b>	Faculty Hiring Committee, Health Informatics
<b>2019</b>	Faculty Hiring Committee, Human-Computer Interaction and Design
<b>2018-Present</b>	Informatics Bachelor's Curriculum Committee
<b>2019-Present</b>	HCIC governing board
	University of Washington
<b>2016-2017</b>	DUB Student Coordinator
<b>2013-2017</b>	UW ACM International Collegiate Programming Contest (ICPC) Coach
<b>2013</b>	DUB Food Coordinator
	Other Service
	Student Volunteering
<b>2017</b>	UbiComp/ISWC Student Volunteer Chair
<b>2016</b>	UbiComp/ISWC UIST Program Committee Meeting
<b>2014</b>	UbiComp/ISWC
<b>2013</b>	UbiComp/ISWC CHI
	Awards
<b>2019</b>	Schloss Dagstuhl Travel Grant (for Dagstuhl Seminar 19292, Mobile Data Visualization)
<b>2018</b>	Best Paper Honorable Mention, DIS (for C12, top 5%)
<b>2017</b>	Adobe Research Fellowship Finalist Best Paper Award, CHI (for C11, top 1%) Best Paper Honorable Mention, CHI (for C10, top 5%)
<b>2015</b>	Best Paper Honorable Mention, CHI (for C4, top 5%) UbiComp Travel Grant
<b>2013</b>	UbiComp Travel Grant
<b>2012</b>	Louis T. Rader UVA CS Departmental award for excellence in service
<b>2011</b>	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  
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 Isıl Oygür  
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  
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