

Sean A. Munson

Curriculum Vita

Human Centered Design & Engineering
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EDUCATIONAL HISTORY

University of Michigan, Ann Arbor, Michigan
Ph.D., Information
August 2012
Dissertation: *Exposure to Political Diversity Online*
Adviser: Paul Resnick

Franklin W. Olin College of Engineering, Needham, Massachusetts
B.S., Engineering (concentration in Systems Design)
May 2006

EMPLOYMENT HISTORY

University of Washington
Seattle, Washington, United States
Professor, Human Centered Design & Engineering, 2023 – present
Associate Professor, Human Centered Design & Engineering, 2018 – 2023
Assistant Professor, Human Centered Design & Engineering, 2012 – 2018

University of Michigan
Ann Arbor, Michigan, United States
Graduate Student Research Assistant, 2007 – 2012
Graduate Student Instructor, 2008 – 2009

Intel Labs Seattle / University of Washington
Seattle, Washington, United States
Visiting Researcher, summer 2010

Boeing Commercial Airplanes
Everett, Washington, United States
Student Design Engineer, Payloads Concept Center, 2006 – 2009
Summer Intern, Payloads Concept Center, summer 2005

The MITRE Corporation
Bedford, Massachusetts, United States
Intern, Center for Integrated Intelligence Systems, summer 2004

Spectrum Astro
Gilbert, Arizona, United States
Intern, Strategic Planning and Proposal Operations Department, summer 2003

Franklin W. Olin College of Engineering
Needham, Massachusetts, United States
Library Website Developer, summer 2002
Curriculum Developer, summer 2002

York Telecom Corporation
Eatontown, New Jersey, United States
Web Developer, Engineering Department, 2000 – 2001

AWARDS & HONORS

UbiComp 10-year Impact Paper Award (Honorable Mention) for “A Lived Informatics Model of Personal Informatics,” 2025
Faculty Appreciation for Career Education & Training, College of Engineering, University of Washington, 2022, 2024
Distinguished Member, ACM, 2021
College of Engineering Faculty Award (Junior), University of Washington, 2017
College of Engineering Faculty Teaching Award, University of Washington, 2015
Intel PhD Fellowship, 2011
Gary M. Olson Outstanding Ph.D. Student Award, School of Information, University of Michigan, 2010
Yahoo! Innovative Teaching with Technology Award, 2009
First place, CHI Student Design Competition, 2007
School of Information Scholarship, University of Michigan, 2006 - 2007
Honorable Mention, National Science Foundation GRFP, 2006, 2007
Olin Scholarship, Olin College of Engineering, 2001 - 2006
AT&T Scholarship, 2001 - 2005
NASA MarsPort Competition - led finalist team & Outreach Award winner, 2002

Best paper awards (8): ACM *CHI* 2025, 2024, 2019, 2017, 2015, Persuasive 2017, ACM *CSCW* 2016, ACM *dg.o* 2014
Best paper nominations / honorable mentions (11): ACM *CHI* 2025, 2024, 2023, 2018, 2017 (x2), ACM *IDC* 2020, ACM *DIS* 2018, 2017, *AMLA* 2013, *Persuasive* 2011

AFFILIATIONS & OTHER APPOINTMENTS

Associate Chair, Faculty & Research Development, Human Centered Design & Engineering, University of Washington, 2024 –
Adjunct Professor, Computer Science & Engineering, University of Washington, 2023 –
Co-director, UW ALACRITY Center for Psychosocial Interventions Research (NIMH P50), University of Washington, 2023 –
Chair, Interdisciplinary Human Computer Interaction & Design Group, University of Washington, 2019 – 2021
Adjunct Associate Professor, Computer Science & Engineering, University of Washington, 2018 – 2023
Co-director (methods core), UW ALACRITY Center for Psychosocial Interventions Research (NIMH P50), University of Washington, 2018 – 2023
Visiting Scholar, Department of Preventive Medicine, Northwestern University, 2018
Adjunct Assistant Professor, Computer Science & Engineering, University of Washington, 2014 – 2018

PUBLICATIONS¹

140 refereed publications; 15,786 Google Scholar citations; h-index: 63 (October 2026)

Refereed conference proceedings²

- [C.63] Skeggs A†, Mehta A, Yap V, Ibrahim SB, Rhodes CA, Gross JJ, Munson SA, Klasnja P, Orben A, Slovak P. (2025). Micro-narratives: A Scalable Method for Eliciting Stories of People's Lived Experience. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2025)*, article 330 (20 pages). PMC12265993.
Best Paper Honorable Mention
- [C.62] So S†, Sou V*, Munson SA, Ghoshal S. (2025). The Cruel Optimism of Tech Work: Tech Workers' Affective Attachments in the Aftermath of 2022-23 Tech Layoffs. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2025)*, article 723 (20 pages).
- [C.61] Li R†, Vutien P, Karkar R, Omer S, Yacoub M, Ioannou G, Munson SA, Fogarty JA. (2025). Deploying and Examining Beacon for At-Home Patient Self-Monitoring with Critical Flicker Frequency. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2025)*, article 208 (17 pages). PMC12165253.
Best Paper Award
- [C.60] Burgess ER, Munson SA, Mohr DC, Reddy M. (2025). What's In Your Kit? Mental Health Technology Kits for Depression Self-Management. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2025)*, article 724 (19 pages). PMC12118807.
- [C.59] Slovak P, Munson SA. (2024). HCI Contributions in Mental Health: A Modular Framework to Guide Psychosocial Intervention Design. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2024)*, article 692 (21 pages). PMC11105670.
Best Paper Honorable Mention
- [C.58] Sefidgar YS†, Castillo CL†, Chopra S†, Jiang L†, Jones T†, Mittal A†, Ryu H†, Schroeder J, Cole A, Murinova N, Munson SA, Fogarty J. (2024). MigraineTracker: Examining Patient Experiences with Goal-Directed Self-Tracking for a Chronic Health Condition. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2024)*, article 129 (19 pages). PMC11090491.
Best Paper Award
- [C.57] Lukoff K, Lyngs U, Shirokova K*, Rao R*, Tian L*, Zade H†, Munson SA, Hiniker A. (2023). SwitchTube: A Proof-of-Concept System Introducing "Adaptable Commitment Interfaces" as a Tool for Digital Wellbeing. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2023)*, article 197 (22 pages).
Best Paper Honorable Mention
- [C.56] Tan NH†, Wong RY, Desjardins A, Munson SA, Pierce J. (2022). Monitoring Pets, Deterring Intruders, and Casually Spying on Neighbors: Everyday Uses of Smart Home Cameras. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2022)*, article 617 (25 pages).
- [C.55] Tan NH†, Kinnee B†, Langseth D*, Munson SA, Desjardins A. (2022). Critical-Playful Speculations with Cameras in the Home. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2022)*, article 485 (22 pages).

¹ All citation counts are from Google Scholar as of 17 May 2026; * indicates an undergraduate or professional masters student, † indicates a doctoral student, ‡ indicates post-doc.

² In contrast to journal-centric fields, the premiere human-computer interaction conferences (e.g., CHI, CSCW) are heavily refereed and highly selective venues for top archival research. These conferences exceed many human-computer interaction journals in their selectivity, visibility, and impact. For a study of the impact of ACM conference proceedings, see J Chen and JA Konstan, Conference paper selectivity and impact, *Communications of the ACM* 53, 6 (June 2010), 79-83. Starting around 2016, however, many of these conferences (e.g., Ubicomp, CSCW, GROUP) began a transition to publishing as journals (PACM IMWUT, PACM HCI).

- [C.54] Lukoff K†, Lyngs U†, Zade H†, Liao JV*, Choi J*, Fan K*, Munson SA, Hiniker A. (2021). How the Design of YouTube Influences User Sense of Agency. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2021)*, article 368 (17 pages).
- [C.53] Kirchner St, Schroeder J, Fogarty J, Munson SA. (2021). “They don’t always think about that”: Translational Needs in the Design of Personal Health Informatics Applications. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2021)*, article 210 (16 pages).
- [C.52] Lukoff K†, Lyngs U†, Guerguieva S*, Dillman ES*, Hiniker A, Munson SA. (2020). From Ancient Contemplative Practice to the App Store: Designing a Digital Container for Mindfulness. *Proceedings of the ACM Conference on Designing Interactive Systems (DIS 2020)*, 1551-1564.
- [C.51] Kirchner St, Sakaguchi-Tang DK†, Michelson Rt, Munson SA, Kientz JA. (2020). “This just felt to me like the right thing to do”: Decision-Making Experiences of Parents of Young Children. *Proceedings of the ACM Conference on Designing Interactive Systems (DIS 2020)*, 489-503.
- [C.50] Liang CA†, Albertson K, Williams F, Inwards-Breland D, Munson SA, Kientz JA, Ahrens K. (2020). Designing an Online Sex Education Resource for Gender-Diverse Youth. *Proceedings of the ACM Interaction Design and Children Conference (IDC 2020)*, 108-120.
Best Paper Honorable Mention
- [C.49] Schroeder J†, Suh J†, Wilks C, Czerwinski M, Munson SA, Fogarty J, Althoff T. (2020). Data-Driven Implications for Translating Evidence-Based Psychotherapies into Technology-Delivered Interventions. *Pervasive Health 2020*, 274-287. PMC8078869.
- [C.48] Kolovson St, Pratap A, Duffy J, Allred R, Munson SA, Areán P. (2020). Understanding Participant Needs for Engagement and Attitudes towards Passive Sensing in Remote Digital Health Studies. *Pervasive Health 2020*, 347-362. PMC7955667.
- [C.47] Epstein DA, Dontcheva M, Fogarty J, Munson SA. (2020). Yarn: Adding Meaning to Shared Personal Data through Structured Storytelling. *Graphics Interface 2020*, 168-182.
- [C.46] Arpitat†, Liang Ct, Zeng EY*, Shukla K*, Wong MER*, Munson SA, Kientz JA. (2019). Engaging Teenagers in Asynchronous Online Groups to Design for Stress Management. *Proceedings of the ACM Interaction Design and Children Conference (IDC 2019)*: 26-37. PMC7500255.
- [C.45] Colusso Lt, Jones Rt, Munson SA, Hsieh G. (2019). A Translational Science Model for HCI. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2019)*: article 1 (19 pages).
Best Paper
- [C.44] Parsons A*, Chung CF†, Donohue M*, Munson SA, Seibel EJ. (2018). Opportunities for Oral Health Monitoring Technologies Beyond the Dental Clinic. *Proceedings of Pervasive Health (IMPAct Workshop)*, 327-335.
- [C.43] Schroeder J†, Chung CF†, Epstein DA†, Karkar Rt, Parsons A*, Murinova N, Fogarty J, Munson SA. (2018). Examining Self-Tracking by People with Migraine: Goals, Needs, and Opportunities in a Chronic Health Condition. *Proceedings of the ACM Conference on Designing Interactive Systems (DIS 2018)*, 135-148.
Best Paper Honorable Mention
- [C.42] Fernandes M*, Walls L*, Munson SA, Hullman J, Kay M. (2018). Uncertainty Displays Using Quantile Dotplots or CDFs Improve Transit Decision-Making. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2018)*, article 144 (12 pages).
Best Paper Honorable Mention
- [C.41] Agapie Et, Chinh B†, Pina LR†, Oviedo D*, Welsh MC, Hsieh G, Munson SA. (2018). Crowdsourcing Exercise Plans Aligned with Expert Guidelines and Everyday Constraints. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2018)*, article 324 (13 pages).
- [C.40] Zolyomi At, Ross AS†, Arpitat†, Milne Lt, Munson SA. (2018). Values, Identity, and Social Translucence: Neurodiverse Student Teams in Higher Education. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2018)*, article 499 (13 pages).

- [C.39] Colusso Lt, Bennett Ct, Hsieh G, Munson SA. (2017). Translational Resources: Reducing the Gap Between Academic Research and HCI Practice. *Proceedings of the 2017 ACM Conference on Designing Interactive Systems (DIS 2017)*, 957-968.
Best Paper Honorable Mention
- [C.38] Arpitat, Vilardaga R, Kientz JA, Munson SA. (2017). Lessons from Practice: Designing tools to Facilitate Individualized Support for Quitting Smoking. *Proceedings of the 2017 ACM Conference on Human Factors in Computing Systems (CHI 2017)*, 3057-3070.
- [C.37] Chung CF†, Gorm N†, Shklovski I, Munson SA. (2017). Finding the Right Fit: Understanding Health Tracking in Workplace Wellness Programs. *Proceedings of the 2017 ACM Conference on Human Factors in Computing Systems (CHI 2017)*, 4875-4886.
Best Paper Honorable Mention
- [C.36] Chung CF†, Agapie Et, Schroeder J†, Mishra St, Fogarty J, Munson SA. (2017). When Personal Tracking Becomes Social: Examining the Use of Instagram for Healthy Eating. *Proceedings of the 2017 ACM Conference on Human Factors in Computing Systems (CHI 2017)*, 1674-1687. PMC5432132.
- [C.35] Karkar Rt, Schroeder J†, Epstein Dt, Pina Lt, Fogarty J, Kientz JA, Munson SA, Vilardaga R, Zia J. (2017). TummyTrials: A Feasibility Study of Using Self-Experimentation to Detect Individualized Food Triggers. *Proceedings of the 2017 ACM Conference on Human Factors in Computing Systems (CHI 2017)*, 6850-6863. PMC5432136.
Best Paper Honorable Mention
- [C.34] Epstein Dt, Lee NB, Kang J*, Agapie Et, Schroeder J†, Pina LR†, Fogarty J, Munson SA, Kientz JA. (2017). Examining Menstrual Tracking to Inform the Design of Personal Informatics Tools. *Proceedings of the 2017 ACM Conference on Human Factors in Computing Systems (CHI 2017)*, 6876-6888. PMC5432133.
Best Paper Award
- [C.33] Caraban At, Karapanos E, Teixeira V*, Munson SA, Campos P. (2017). On the Design of Subly: Instilling Behavior Change During Web Surfing Through Subliminal Priming. *Persuasive Technology: Development and Implementation of Personalized Technologies to Change Attitudes and Behaviors (Persuasive 2017)*, 163-174.
Best Paper Award
- [C.32] Schroeder J†, Hoffswell J†, Chung CF†, Fogarty J, Munson SA, Zia J. (2017). Supporting Patient-Provider Collaboration to Identify Individual Triggers using Food and Symptom Journals. *Proceedings of the 2017 ACM Conference on Computer Supported Cooperative Work (CSCW 2017)*, 1726-1739. PMC5432206.
- [C.31] Pina LR†, Sien S*, Ward T, Yip JC, Munson SA, Fogarty J, Kientz JA. (2017). From Personal Informatics to Family Informatics: Understanding Family Practices around Health Monitoring. *Proceedings of the 2017 ACM Conference on Computer Supported Cooperative Work (CSCW 2017)*, 2300-2315.
- [C.30] O'Leary K†, Arpitat, Munson SA, Wobbrock JO, Pratt W. (2017). Design Opportunities for Mental Health Peer Support Technologies. (2017). *Proceedings of the 2017 ACM Conference on Computer Supported Cooperative Work (CSCW 2017)*, 1470-1484.
- [C.29] Gouveia Rt, Pereira F*, Karapanos E, Munson SA, Hassenzahl M. (2016). Exploring the Design Space of Glanceable Feedback for Physical Activity Trackers. *Proceedings of the 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2016)*, 144-155.
- [C.28] Epstein Dt, Kang J*, Pina LR†, Fogarty J, Munson SA. (2016). Reconsidering the Device in the Drawer: Lapses as a Design Opportunity in Personal Informatics. *Proceedings of the 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2016)*, 829-840. PMC5432203.
- [C.27] Kay Mt, Kola T*, Hullman J, Munson SA. (2016). When(ish) is My Bus? User-centered Visualizations of Uncertainty in Everyday, Mobile Predictive Systems. *Proceedings of the 2016 ACM Conference on Human Factors in Computing Systems (CHI 2016)*, 5092-5103.

- [C.26] Epstein DA[†], Ping A*, Caraway M*, Johnston C*, Fogarty J, Munson SA. (2016). Beyond Abandonment to Next Steps: Understanding and Designing for Life after Personal Informatics Tool Use. *Proceedings of the 2016 ACM Conference on Human Factors in Computing Systems (CHI 2016)*, 1109-1113. PMC5428074.
- [C.25] Colusso Lt, Munson SA, Hsieh G. (2016). Designing Closeness to Increase Gamers' Performance. *Proceedings of the 2016 ACM Conference on Human Factors in Computing Systems (CHI 2016)*, 3020-3024.
- [C.24] Epstein DA[†], Cordeiro Ft, Fogarty J, Hsieh G, Munson SA. (2016). Crumbs: Lightweight Daily Food Challenges to Promote Engagement and Mindfulness. *Proceedings of the 2016 ACM Conference on Human Factors in Computing Systems (CHI 2016)*, 5632-5644. PMC5428072.
- [C.23] Chung CF[†], Dew K[†], Cole A, Zia J, Fogarty J, Kientz JA, Munson SA. (2016). Boundary Negotiating Artifacts in Personal Informatics: Patient-Provider Collaboration with Patient-Generated Data. *Proceedings of the 2016 ACM Conference on Computer Supported Cooperative Work (CSCW 2016)*, 770-786. PMC5432205.
Best Paper Award
- [C.22] Agapie, Et, Colusso Lt, Munson SA, Hsieh G. (2016). PlanSourcing: Generating Behavior Change Plans with Friends and Crowds. *Proceedings of the 2016 ACM Conference on Computer Supported Cooperative Work (CSCW 2016)*, 119-133.
- [C.21] Epstein DA[†], Ping A*, Fogarty J, Munson SA. (2015). A Lived Informatics Model of Personal Informatics. *Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2015)*, 731-742. PMC12435389.
UbiComp 10-year Lasting Impact Award (honorable mention)
- [C.20] Agapie Et, Munson SA. Social Cues and Interest in Reading News Stories. (2015). *Proceedings of the 9th Annual AAAI International Conference on Weblogs and Social Media (ICWSM 2015)*.
- [C.19] Kay Mt, Matuszek Ct, Munson SA. (2015). Unequal Representation and Gender Stereotypes in Image Search Results for Occupations. *Proceedings of the 2015 ACM Conference on Human Factors in Computing Systems (CHI 2015)*, 3819-3828.
Data set and code released on GitHub • Best Paper Award
- [C.18] Munson SA, Krupka E, Richardson C, Resnick P. (2015). Effects of Public Commitments and Accountability in a Technology-Supported Physical Activity Intervention. *Proceedings of the 2015 ACM Conference on Human Factors in Computing Systems (CHI 2015)*, 1135-1144.
- [C.17] Epstein DA[†], Jacobson B*, McDonald DA, Munson SA. (2015). From “nobody cares” to “way to go!”: A Design Framework for Social Sharing in Personal Informatics. *Proceedings of the 2015 ACM Conference on Computer Supported Cooperative Work (CSCW 2015)*, 1622-1636.
- [C.16] Sleeper Mt, Acquisti A, Cranor L, Kelley PG, Munson SA, Sadeh N. (2015). I would like to..., I shouldn't..., I wish I...: Exploring behavior-change goals for social networking sites. *Proceedings of the 2015 ACM Conference on Computer Supported Cooperative Work (CSCW 2015)*, 1058-1069.
- [C.15] Epstein DA[†], Cordeiro Ft, Bales Et, Fogarty J, Munson SA. (2014). Taming Data Complexity in Lifelogs: Exploring Visual Cuts of Personal Informatics Data, *Proceedings of the 2014 ACM Conference on Designing Interactive Systems (DIS 2014)*, 667-676.
- [C.14] Zhang H, Monroy-Hernández A, Shaw A, Munson SA, Gerber E, Hill BM, Kinnaird Pt, Farnham SD, Minder Pt. (2014). WeDo: Exploring End-To-End Computer Supported Collective Action. *Proceedings of the 8th Annual AAAI International Conference on Weblogs and Social Media (ICWSM 2014)*.
- [C.13] Munson SA, Kervin K[†], Robert L. (2014). Monitoring Email to Indicate Project Team Performance and Mutual Attraction, *Proceedings of the 2014 ACM Conference on Computer Supported Cooperative Work (CSCW 2014)*: 542-549.
- [C.12] Choe EK[†], Lee B, Munson SA, Pratt W, Kientz JA. (2013). Persuasive Performance Feedback: The Effect of Framing on Self-Efficacy. *Proceedings of AMLA 2013 Annual Symposium*: 825–833. PMC3900219.
Best Student Paper Nominee

- [C.11] Munson SA, Lee SY†, Resnick P. (2013). Encouraging Reading of Diverse Political Viewpoints with a Browser Widget. *Proceedings of the 7th Annual AAAI International Conference on Weblogs and Social Media (ICWSM 2013)*.
- [C.10] Munson SA, Consolvo S. (2012). Exploring Goal-setting, Rewards, Self-monitoring, and Sharing to Motivate Physical Activity. *Proceedings of the 2012 Conference on Pervasive Computing Technologies for Healthcare*: 25-32.
- [C.9] Munson SA, Resnick P. (2011). The Prevalence of Political Discourse in Non-Political Blogs. *Proceedings of the 5th Annual AAAI International Conference on Weblogs and Social Media (ICWSM 2011)*.
- [C.8] Munson SA, Avrahami D, Consolvo S, Fogarty J, Friedman B, Smith I. (2011). Attitudes toward Online Availability of US Public Records. *Proceedings of the 12th Annual International Conference on Digital Government Research (dgo 2011)*: 2-9.
Best Research Paper Award
- [C.7] Munson SA, Rosengren E*, Resnick P. (2011). Thanks and Tweets: Comparing Two Public Displays. *Proceedings of the 2011 ACM Conference on Computer Supported Cooperative Work (CSCW 2011)*: 331-340.
- [C.6] Newman MW, Lauterbach D*, Munson SA, Resnick P, Morris ME. (2011). “It's not that I don't have problems, I'm just not putting them on Facebook”: Challenges and Opportunities in Using Online Social Networks for Health. *Proceedings of the 2011 ACM Conference on Computer Supported Cooperative Work (CSCW 2011)*: 341-350.
- [C.5] Munson SA, Lauterbach D*, Newman MW, Resnick P. (2010). Happier Together: Integrating a Wellness Application Into a Social Network Site. *Proceedings of the 5th International Conference on Persuasive Technology (Persuasive 2010)*: 27-39.
Best Paper Nominee
- [C.4] Munson SA, Resnick P. (2010). Presenting Diverse Political Opinions: How and How Much. *Proceedings of the 2010 ACM Conference on Human Factors in Computing Systems (CHI 2010)*: 1457-1466.
- [C.3] Munson SA, Zhou DX, Resnick P. (2009). Sidelines: An Algorithm for Increasing Diversity in News and Opinion Aggregators. *Proceedings of the 3rd Annual AAAI International Conference on Weblogs and Social Media (ICWSM 2009)*.
- [C.2] Munson SA. (2008). Motivating and Enabling Organizational Memory with a Workgroup Wiki. *Proceedings of the 4th Annual International Symposium on Wikis (Wikisym 2008)*: A18.
- [C.1] Hansen D, Ackerman M, Resnick P, Munson SA. (2007). Virtual Community Maintenance with a Collaborative Repository, *Proceedings of the American Society for Information Science and Technology* 44(1): 1-20.

Journal Articles

- [J.77] Bennett IM, Raue PJ, Munson SA, Pullmann MD, Allred RJ, Mosser B, Lopez A, Friedman E. (in press). Problem Solving Treatment for Depression: Development and Pilot of an Internet-Based Support Tool Created Through Human Centered Design. *Journal of Participatory Medicine*.
- [J.76] Chopra St, Brown CE, Fogarty J, Goss C, Gregor C, Munson SA, Weiss E, Rosenfeld M. (accepted with minor revisions). Researcher-Identified Approaches for Recruiting and Improving Representation of Diverse Populations in Clinical Research. *Journal of Clinical and Translational Science*.
- [J.75] Jenness JL, Stevens J, Chang CY, Benjamin K, Preble E, Hegarty-Craver M, Ridenour T, Wenger M, Munson SA, Aung T†, Chung A, Qian T, Harvey AG, Woodruff MA, Pringle W, Lettieri R, Miller

- AB. Digital Just-in-Time Adaptive Interventions (JITAI) for Adolescent Depression: A Review and Case Study of a JITAI Pilot. *Current Sleep Medicine Reports*.
- [J.74] Byeon H†, Fortney JC, Munson SA. (in press). Tools, Referrals, and Gut Feelings: How Clients Search for and Assess Fit with Mental Health Clinicians. *Proceedings of the ACM: Human-Computer Interaction (GROUP)*.
- [J.73] Weizenegger CF†, Munson SA, Desjardins A, Pierce J. (in press). Tracked Into Closeness: Surveillance Intimacy and Location-Sharing in Close Relationships. *Proceedings of the ACM: Human-Computer Interaction (GROUP)*.
- [J.72] Vutien P, Li R‡, Karkar R, Fogarty J, Munson SA, Yacoub M, Omer S, Kashima J, Ioannou GN. (2026). At-Home Critical Flicker Frequency Testing in Cirrhosis: A Feasibility Pilot Study Using the Novel Beacon Device. *Gastro Hep Advances* 5(12): 101107.
- [J.71] Fortney JC, Lyon AR, Munson SA, Blanchard BE, Bernecker SL‡, Landes SJ, Curran GM. (2026). Distinguishing Between Clinical Interventions and Implementation Strategies in Trials. *Implementation Science*.
- [J.70] Wang S†, Tan NH†, Munson SA. (2026). Negotiating Autonomy, Control, and Privacy in Always-On Home IoT Technology-Mediated Care Relationships with Older Adults. *Proceedings of the ACM: Interactive, Mobile, Wearable and Ubiquitous Technologies* 10(3): 162 (27 pages).
- [J.69] Aung T†, Osterhage K, Graham AK, Proctor EK, Lyon AR, Munson SA. (2026). Rigorous projects and grants integrating human- centered design and implementation science: 8 tips for success. *Implementation Science Communications*.
- [J.68] Liang CA, Liem WW†, Delmonaco D, Berry ABL, Haimson OL, Macapagal K, Munson SA. (2026). A Scoping Review of Queer Health & Well-Being Technology Research. *Proceedings of the ACM: Human-Computer Interaction (CSCW)*: 10(6): CSCW046 (32 pages).
- [J.67] Kenderova G†, Birrell E, Munson SA. (2026). “It’s Always in the Back of My Mind”: Navigating sensitive health data amid reduced abortion rights in the United States. *ACM Transactions on Computing for Healthcare*.
- [J.66] Williams-Pierce C, Kintscher M†, Bonsignore E, Munson SA. (2026). Communicating the Value of Publicly Funded Science. *Communications of the ACM* 69(7): 30-34.
- [J.65] Tsai CS, Lee HH, Szewczyk W, Palmer JK, Putnam S, Munson SA, Heffner JL, Vasbinder A, Paullada A, Yuwen W, Reding K. (2026). Exploring Feature Priorities and User Needs in Developing Virtual Study Assistants. *JMIR Formative Research* 10: e86945. PMC13005061. Impact factor: 2.4
- [J.64] Green BB, Hansell LD, Hsu CW, Jones T†, Luce C, Ralston JD, Munson SA, Davis B, Wright T, Anderson ML. (2026). A Blood Pressure Measurement Email Outreach Program: A Mixed Methods Evaluation. *American Journal of Hypertension* 39(3); article hpaf206: 400-406.
- [J.63] Chopra S†, Juarez K†, Fogarty J, Munson SA. (2025). Engagements with Generative AI and Personal Health Informatics: Opportunities for Planning, Tracking, Reflecting, and Acting around Personal Health Data. *Proceedings of the ACM: Interactive, Mobile, Wearable and Ubiquitous Technologies* 9(3): article 75. PMC13045739.
- [J.62] Zhu A, Sher J, Li R†, Ioseliani O, Cantor L, Brewer EG, Landis K, Bridges D, Munson SA, Hunter H, Lin C, Psutka SP. (2025). What Motivates Bladder Cancer Patients to be Active? A Qualitative Study Assessing Attitudes towards Physical Activity and Digital Health Technologies. *Urologic Oncology: Seminars and Original Investigations* 43(9): 522.e1-522.e8.
- [J.61] Lyon AR, Munson SA, Pullmann M, Mosser B, Aung T†, Fortney J, Dopp A, Osterhage K, Haile H, Bruzios K‡, Blanchard B, Allred R, Fuller M, Raue P, Bennett I, Locke J, Bearss K, Walker D, Connors E, Bruns E, Van Draanen J, Darnell D, Areán P. (2025). Harnessing human-centered design for evidence-based psychosocial interventions and implementation strategies in community settings:

- a protocol for redesign to improve usability, engagement, and appropriateness. *JMIR Research Protocols* 14: e65446.
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Distinguished paper
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- [SW.2] *Twitter Display*. Back end for the Twitter Display described in [C.7]; available on GitHub. <https://github.com/morgankeys/ATdisplay>.
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OTHER SCHOLARLY ACTIVITY

Invited external³ lectures and seminars

Invited talks at academic, clinical, and industry venues including Apple, Fitbit, Stanford University, Brown University, University of Michigan, Northwestern University, Fred Hutchinson Cancer Research Center, Microsoft Research, and international venues in the UK, Germany, Austria, Ireland, and China.

35. Lab for Scalable Mental Health *Integrating Human-Centered Design (HCD) with Implementation Science (IS) for Compelling Projects & Proposals*. Northwestern University. With Tricia Aung. 12 August 2026.
34. Apple ML + Health Workshop. *Engagements with Generative AI and Personal Health Informatics: Opportunities for Planning, Tracking, Reflecting, and Acting around Personal Health Data*. With James Fogarty. 20 October 2025.
33. Human-Centered Design Brown Bag Lunch Series. *Tips and Strategies for Writing HCD-Focused Grants*, Clinical and Translational Science Institute and the Institute for Clinical Research Education, University of Pittsburgh. With Tricia Aung. 14 March 2025.
32. Simon Fraser University. *From Personal Data to Personal Health: Designing for Goals, Reflection, and Collaboration*. 31 January 2025.
31. Digital Mental Health Webinar. *Frameworks for Human Centered Design of Complex Psychosocial Interventions*. Center for Behavioral Intervention Technologies (CBITs) and the Society for Digital Mental Health, Northwestern University. 5 March 2024.
30. Workshop on Integrating Individual and Social Contexts into Self-Reflection Technologies. *Social Contexts and Reflection: Experiences from a decade of personal informatics and health intervention research* (keynote). CHI 2023, Hamburg, Germany, 28 April 2023.
29. University College Dublin, Human Computer Interaction Seminar. *From Personal Data to Personal Health: Designing for Goals and Collaboration*. 25 February 2022.
28. Fred Hutchinson Cancer Research Center mHealth Symposium. *From Personal Data to Personal Health: Designing for Goals and Collaboration*. 8 April 2021.
27. Apple. *Reflections on Investigating Individualized Health Needs*. 4 September 2019.
26. Apple. *From Personal Data to Personal Health: Designing for Goals and Collaboration*. 4 September 2019.
25. Michigan Interactive and Social Computing Seminar – University of Michigan. *From Personal Data to Personal Health: Designing for Goals and Collaboration*. 16 April 2019.
24. University of Minnesota Department of Computer Science. *From Personal Data to Personal Health: Designing for Goals and Collaboration*. 5 April 2019.
23. Technology and Social Behavior Seminar – Northwestern University. *From Personal Data to Personal Health: Designing to Improve Collaboration & Reduce Burdens*. 15 November 2018.
22. Center for Behavioral Intervention Technologies, Feinberg School of Medicine, Northwestern University. *From Personal Data to Personal Health: Tools to Reduce Burdens & Improve Collaboration*. 16 October 2018.
21. Future Health Institute – University of California Irvine. *From Personal Data to Personal Knowledge. From Personal Data to Personal Health: Tools to Reduce Burden and Improve Collaboration*. 7 May 2018.
20. Fitbit. San Francisco, CA. *Personal Tracking in Everyday Life* (with Daniel Epstein). 21 June 2017.
19. TU Wien. *More Data Aren't Always Better: Reduction and Focus for Better Personal Informatics*. 27 March 2017.

³ External to my institution at the time of the talk.

18. University of California - Irvine Department of Informatics Seminar Series. *Designing to Help People Find Insights & Experiences in Personal Data*. 3 February 2017.
17. Workshop on Activity-Based Networks, SocInfo 2016. *Sharing traces: Barriers and Facilitators to Getting Support and Accountability* (keynote). 14 November 2016.
16. Design for Healthcare. Seattle, WA. *Challenging Assumptions in the Design of Self-Tracking Tools*. 9 November 2016.
15. Puget Sound SIGCHI. Seattle, WA. *Designing to Help People Find Insights & Experiences in Personal Data*. 20 October 2016.
14. Department of Biomedical Informatics, University of California – San Diego. *Getting More Value from Self-Monitoring Data, Alone and Together*. 16 May 2016.
13. Group Health Research Institute. *Getting More Value from Personal Informatics Data, Alone and Together*. 14 July 2015.
12. Computer Science Seminar, Brown University, Providence, RI. *Getting More Value from Personal Informatics Data, Alone and Together*. 9 April 2015.
11. Cooperation Group and the MIT Center for Civic Media. Harvard University, Cambridge, MA. *Exposure to Political Diversity Online*. 25 August 2014.
10. Behavioral Outcomes Research Group, Fred Hutchinson Cancer Research Center, Seattle, WA. *Sharing for Caring: Using Social Media to Improve Health and Wellness*. 12 February 2014.
9. UBHave Conference, London, UK. *Beyond the share button: Barriers and Opportunities for social features in wellness interventions* (keynote), 25 September 2013.
8. Microsoft Research Cambridge (UK), *Preferences & Nudges in Sociotechnical Systems*, 23 September 2013.
7. Microsoft Research Asia, Beijing, China. *Beyond the share button: Challenges, Opportunities, and an Agenda for social features in health and wellness interventions*, 25 March 2013.
6. Tsinghua University, Beijing, China. *Beyond the share button: Challenges and opportunities for social features in health and wellness interventions*, 22 March 2013.
5. Stanford University, Seminar on People, Computers, and Design, *Exposure to Political Diversity Online*, 25 January 2013.
4. University of Colorado Boulder, *Preferences & Nudges in Sociotechnical Systems*, 18 April 2012.
3. The Keystone Center, Denver, Colorado, *Adult immunization: Opportunities in social media and persuasive technology?*, 17 April 2012.
2. University of Washington, DUB Seminar, *Selecting and Presenting Diverse Political Opinions Online*, 21 July 2010.
1. University of Washington, DUB Seminar, *Happier Together: Integrating a Wellness Application into a Social Network Site*, 23 June 2010.

Invited Panels

6. “More than Measures,” panel on Tools, Resources & Communities, *3rd Annual Health Data Exploration Network Meeting*, University of California – San Diego, 2 May 2017.
5. “Building and Breaking Bubbles: Designing Technological Systems that Select and Present News” (panelist), *Communication Shaped by Algorithms: Technological, Economic, Social, and Ethical Challenges*, ECREA 2014, Lisbon, Portugal, 14 November 2014.
4. “Bursting Your (Filter) Bubble: Strategies for Promoting Diverse Exposure” (panelist), *Computer Supported Cooperative Work* 2013, San Antonio, Texas. 25 February 2013.
Citations: 24
3. *#Winning: the Science of Elections Online* (panelist), Science Online Seattle, Pacific Science Center, Seattle, Washington. 23 October 2012.

2. *Facebook for health: opportunities and challenges for driving behavior change* (panelist), CHI 2011, Vancouver, British Columbia, Canada. May 2011.
1. *WikiFest: Starting and Growing Successful Wikis* (panelist), 2008 International Symposium on Wikis, Porto, Portugal. 10 September 2008.

Workshop presentations and presentations given at conferences

Note: to avoid redundancy, this section omits presentations associated with the refereed conference proceedings that appear above.

18. Mack K†, Ross AS†, Fogarty J, Hiniker A, Karkar R, Kientz JA, Mankoff K, Munson SA, Pratt W, Rosner R. (2021). Finding a New Path for HCIC. *HCIC* 2021.
17. Agapie E, Munson SA, Hsieh G, Areán P. (2020). Understanding clinician needs in using an evidence-based psychosocial intervention. Workshop on Technology Ecosystems: Rethinking Resources for Mental Health, *CHI 2020*. 24 April 2020.
16. Arpita, Nagar R, Jenness J, Munson SA, Kientz JA. (2020). Tensions in Designing Technology for Adolescent Mental Health Support, *CHI 2020*. 24 April 2020.
15. Schroeder J, Munson SA, Fogarty J. (2019). Personalizing Health Technologies to Support Patient and Provider Goals. Workshop on AI and Healthcare, *CSCW* 2019, Austin, Texas, 9 November 2019.
14. Schroeder J†, Hoffswell J†, Chung CF†, Munson SA, Zia J, Fogarty J. (2017). Supporting Patient-Provider Collaboration to Identify Individual Triggers using Food and Symptom Journals (Research Highlight). Workshop on Interactive Systems in Healthcare, *CHI* 2017, Denver, Colorado, 7 May 2017.
13. Chung CF†, Schroeder J†, Zia J, Fogarty J, Kientz JA, Munson SA. Supporting Patient-Provider Communication and Relationship with Personal Informatics Data. Workshop on Quantified Data & Social Relationships, *CHI* 2017, Denver, Colorado, 7 May 2017.
12. Epstein DA†, Fogarty J, Munson SA. Exploring Opportunities for Storytelling with Everyday Personal Data, Workshop on Quantified Data & Social Relationships, *CHI* 2017, Denver, Colorado, 7 May 2017.
11. Karkar R†, Schroeder J†, Fogarty J, Munson SA, Zia J, Kientz J. Hypothesis Formation and Hypothesis Testing. Workshop on Digital Health & Self-Experimentation: Design Challenges & Provocations, *CHI* 2017, Denver, Colorado, 6 May 2017.
10. Epstein D†, Lee NB, Kang J*, Agapie E†, Schroeder J†, Pina L†, Fogarty J, Kientz JA, Munson SA. Exploring New Design Directions for Menstrual Tracking Technology. Workshop on Hacking Women's Health, *CHI* 2017, Denver, Colorado, 6 May 2017.
9. Epstein DA†, Lee NB, Bales E†, Fogarty J, Munson SA. Wearables of 2025: Designing Personal Informatics for a Broader Audience. Beyond Personal Informatics: Designing for Experiences with Data, *CHI* 2015, Seoul, Korea, 18 April 2015.
8. Fogarty J, Kientz JA, Munson SA, Patel S. Getting Personal with Personal Informatics. *HCIC* 2014, Watsonville, CA.
7. Epstein DA†, Bales E†, Munson SA. Design Considerations for Socially Sharing Quantified Self Data. Workshop on Beyond Quantified Self: Data for Wellbeing, *CHI* 2014, Toronto, Canada, 27 April 2014.
6. Munson SA. Pervasive, Persuasive Health: Some Challenges,” Workshop on Wellness Interventions & Human-Computer Interaction, *Pervasive Health*, San Diego, California, May 2012: 241-244.
5. Munson SA, Resnick P. Learning from Positive Psychology to Promote Emotional Well-Being in Digital Environments. Interaction Design and Emotional Wellbeing Workshop, *CHI*, Austin, Texas, 6 May 2012.
4. Munson SA. Mindfulness, Reflection, and Persuasion in Personal Informatics. Personal Informatics Workshop, *CHI*, Austin, Texas, 6 May 2012.

3. Munson SA, Lauterbach D, Newman MW, Resnick P, Morris M. Integrating Wellness Interventions with Existing Social Network Sites. Wellness Informatics Workshop, *CHI*, Atlanta, Georgia, 10 April 2010.
2. Munson SA, Lauterbach D, Newman MW, Resnick P, Morris M. The Opportunity of Social Computing to Make Us Healthier Together. Workshop on CSCW Research in Healthcare: Past, Present, and Future, *CSCW*, Savannah, Georgia, 6 February 2010.
1. Munson SA. Internet Meetups and Community. 2006 *Greater Boston Anthropology Consortium Student Conference*, Wellesley, Massachusetts, March 2006.

Workshop organization

18. Kelders SM, Klooster IT, Bastoni S, Cadoni I, Doğan K, Kip H, Beerlage-de Jong N, Gouveia R, Schueller SM, Oewel B, Doherty K, Graffigna G, Gabrielli S, Van Daele T, Kowatsch, Doherty G, Yu Q, Coyle D, Perski O, Karekla M, Rios Rinco A, Munson SA. Engagement in Digital Health Interventions: Open Questions for Research and Design. A workshop for *CHI* 2026.
17. Avellino I, Wallace JR, Nunes F, Wiese J, Mentis HM, Munson SA, Singh A, Chung CF, Foong PS. Meetup: Mentorship in HCI × Health Research. A meetup for *CHI* 2026.
16. Bruzios K, Lyon A, Aung T†, Munson SA, Collins V, Osterhage K, Gordon A. Leveraging Human-Centered Design Strategies to Improve Quality Implementation of Prevention Programs. *Society for Prevention Research*, Seattle, Washington, USA. 27 May 2025.
15. Avellino I, Kuo PY, Foong PS, Wiese J, Mentis H, Munson SA, Wallace J, Singh A, Miller AD, Epstein DA, Nunes F. Envisioning the Future of Interactive Health. A workshop for *CHI* 2025.
14. Agapie E, Karkar R, Aung T†, Lyon A, Munson SA, Osterhage K, Burgess E, Chinguwa MJ, Graham A, Klasnja P, McCall T, Nunes F. *Conducting Research at the Intersection of HCI and Health: Building and Supporting Teams with Diverse Expertise to Increase Public Health Impact*. A workshop for *CHI* 2024.
13. Tang J†, Andrus M†, So S†, Tandon U, Monroy-Hernández A, Khovanskaya V, Munson SA, Zachry M, Ghoshal S. *Back to "Back to Labor": Revisiting Political Economies of Computer-Supported Cooperative Work*. A workshop for *CSCW* 2023, Minneapolis, Minnesota, USA. 22 October 2023.
12. Aung T†, Munson SA. *Laying a foundation for a human centered design (HCD) hub within the Government of Tanzania to innovate nutrition solutions*. Dar es Salaam, Tanzania, 12-15 June 2023.
11. Lyon A, Munson SA, Reddy M, Schueller SM, Agapie E, Yarosh S, Dopp A, von Thiele Schwarz U, Doherty G, Graham AK, Payne K, Kornfield R. *Bridging HCI and Implementation Science for Innovation Adoption and Public Health Impact*. A workshop for *CHI* 2023. Hamburg, Germany. 23 April 2023.
10. DeVito MA, Walker AM, Birnholtz J, Ringland K, Macapagal K, Kraus A, Munson SA, Saksono H. *Social Technologies for Digital Wellbeing among Marginalized Communities*, a workshop for *CSCW* 2019. Austin, Texas, USA. 10 November 2019.
9. Areán P, Lyon A, Munson SA, Fortney J. *The intersection of implementation research and human/user centered design*, pre-conference meeting for the Society for Implementation Research Collaboration. Seattle, WA, USA. 11 September 2019.
8. Cecchinato M, Rooksby J, Hiniker A, Munson SA, Lukoff K, Ciolfi L, Thieme A, Harrison D. *Designing for Digital Wellbeing: A Research & Practice Agenda*, workshop for *CHI* 2019. Glasgow, Scotland, UK. 4 May 2019.
7. Murnane E, Snyder J, Volda S, Bietz MJ, Matthews M, Munson SA, Pina L. *Social Issues in Personal Informatics: Design, Data, and Infrastructure*, workshop for *CSCW* 2018. Jersey City, NJ, USA. 4 November 2018.
6. Chamberlain A, schraefel mc, Poole ES, Munson SA, Churchill E. *Moving Beyond e-Health and the Quantified Self: The Role of CSCW in Collaboration, Community and Practice for Technologically-Supported Proactive Health and Wellbeing*, workshop for *CSCW* 2015, Vancouver, BC, Canada. February 2015.

5. Hsieh G, Munson SA, Kaptein M, Oina-Kukkonen H, Nov O. *Personalizing Behavior Change Technologies*, workshop for CHI 2014, Toronto, Canada, April 2014.
4. Kamal N, Fels S, Fergusson M, Preece J, Cosley D, Munson SA. *Designing Social Media for Change*, workshop for CHI 2013, Paris, France, April 2013.
3. Introne J, Levy K, Munson SA, Goggins S, Wash R, Aragon C. *Design, Influence, and Social Technologies: Techniques, Impacts, and Ethics*, workshop for CSCW 2012, Seattle, Washington, February 2012.
2. Huh J, Hartzler A, Munson SA, Anderson N, Edwards K, Gore JL, O'Leary J, Parker A, Streat D, Yetisgen-Yildiz M, Pratt W, Ackerman MS. *Brainstorming Design for Health: Helping Patients Utilize Patient-Generated Information on the Web*, workshop for CSCW 2012, Seattle, Washington, February 2012. PMID: 24499843.
1. Hemphill L, Munson SA. *Training, Integration, and Identity: A Roundtable Discussion of Undergraduate and Professional Master's Programs in iSchools*, iConference 2008, Los Angeles, California, February 2008.

Other selected workshop participation

13. Science Retreat. Association for Contextual Behavioral Science. 7 August 2025.
12. Everyday AI & Mental Health. Cornell University. 16-20 June 2025.
11. Meeting the Needs of Diverse Populations Through Tailored Personal Health Informatics Workshop. National Library of Medicine. 22 February 2023.
10. Workshop on Sociotechnical Interventions for Health Disparity Reduction, Computing Community Consortium (CCC). 9-10 April 2018.
9. Patient Generated Health Data. Robert Wood Johnson Foundation. 6-7 June & 12-13 September 2017.
8. Life-long health behavior-change technologies, Dagstuhl, 21-26 June 2015.
7. Exploring Interdisciplinary Grand Challenges in ICT: Design to Support Proactive Health and Wellbeing. Perspectives Workshop, Dagstuhl, 29 June-2 July 2014.
6. mHealth Summer Training Institute, NIH, UCLA, 26-30 August 2013.
5. Exploratory Workshop on Social Media and Health. Peter Wall Institute for Advanced Studies, University of British Columbia, 3-5 February 2013.
4. Summer Social Webshop, University of Maryland, August 2011.
3. Summer Institute, Consortium for the Science of Sociotechnical Systems, Sanibel Island, Florida, June 2011.
2. Ultra-large-scale Interaction Workshop, CCC/CRA Roadmapping for Interactive Technology. Chicago, Illinois, 25-27 October 2010.
1. Technology Mediated Social Participation. NSF Workshop. Ballston, Virginia, 22-23 April 2010.

Reviewer

Publications

AAAI

AI Magazine, 2014

International Conference on Weblogs and Social Media, 2011 – 2014

ACM

Communications of the ACM, 2018-2020

Conference on Hypertext and Social Media, 2012

International Joint Conference on Pervasive and Ubiquitous Computing (Ubicomp) / PACM on Interactive, Mobile, and Ubiquitous Computing, 2013 – 2016, 2025, 2026

PACM HCI (GROUP), 2026

SIGCHI Conference on Designing Interactive Systems, 2012, 2016, 2018, 2021 – 2023, 2025

SIGCHI Conference on Tangible, Embedded, and Embodied Interaction, 2011

SIGCHI Symposium on User Interface Software and Technology, 2011, 2013 – 2016

SIGCHI Conference on Human Factors in Computing Systems, 2010 – 2017, 2020 – 2026
SIGCHI Conference on Computer Supported Cooperative Work / PACM HCI (CSCW), 2010 – 2019,
2022 – 2024
SIGCHI Transactions on Human Computer Interaction, 2012, 2013, 2015, 2018, 2019, 2021, 2022, 2024,
2025
Transactions on Interactive Intelligent Systems, 2015 – 2016
Transactions on Computing for Health, 2019
American Medical Informatics Association Annual Symposium (AMIA), 2016, 2017
ASIST, 2014
Computers in Human Behavior, 2014
Conference on Communities and Technologies, 2009
Health Informatics Journal, 2017, 2018
HICSS, 2016
Human-Computer Interaction, 2015-2017, 2021
IEEE International Conference on Healthcare Informatics, 2016
IEEE MultiMedia, 2021, 2022
IEEE Pervasive, 2017
Information Polity, 2012
The Information Society, 2009
Interacting with Computers, 2013, 2015-2017, 2019
International Conference on Information Systems, 2012
International Journal of Human Computer Studies, 2014, 2016
International Journal of Medical Informatics, 2014-2016, 2022
Journal of the American Medical Informatics Association, 2015, 2016
Journal of Biomedical Informatics, 2020
Journal of Biomedical and Health Informatics, 2014
Journal of Computer Supported Cooperative Work, 2009, 2010, 2017
Journal of Information Technology & Politics, 2009
Journal of Medical Internet Research, 2015, 2020, 2021
Journal of Medical Internet Research – Mental Health, 2015-2016
Journal of the National Cancer Institute, 2013
Journal of Personal & Ubiquitous Computing, 2016, 2017
Journal of Sport & Exercise Psychology, 2016
Nature Human Behaviour, 2026
Pervasive Health, 2012, 2014, 2016-2018
Policy & Internet, 2010

Funding proposals

Computing Research Association (CRA) – CI Fellows, 2020
University of Washington, Royalty Research Fund, 2015, 2017, 2021, 2022
National Science Foundation, 2013, 2016, 2017, 2018, 2023
Institute of Translational Health Sciences, Small Pilot Grants, 2013

GRADUATE STUDENTS

Chaired Doctoral Degrees

Current advisees:

HCDE: Hyeonjeong Byeon (co-advised with Gary), Claire Weizenegger (co-advised with Audrey Desjardins), Georgia Kenderova, Samuel So (co-advised with Sucheta Ghoshal), Tricia Aung, Shengzhi Wang (co-advised with Beth Kolko), Carla Castillo, Neilly Tan (co-advised with Audrey Desjardins)

CSE: Shaan Chopra (co-advised with Gary Hsieh)

Student	Program	Dissertation Title	Status / Key dates
<i>Graduated</i>			
Graduated advisees hold positions in academic, industry, clinical, and consulting roles at institutions and organizations including Northwestern University, UC Irvine, UC Santa Cruz, Santa Clara University, Google, Microsoft, and the University of Washington; 1 earned the SIGCHI Outstanding Dissertation Award (Lukoff, 2023).			
Tae Jones	UW CSE	Exploring Participant Engagement in Health Human-Computer Interaction (HCI) Research: Insights, Challenges, and Strategies for Improved Participant Retention and Engagement (co-advised with James Fogarty)	T32 Fellow, University of Washington Dissertation defense: 8/2026
Calvin Liang	UW HCDE	Transforming Queer Health Technologies Through Community-Based Systems Design (co-advised with Julie Kientz)	Assistant Professor, Communications, Northwestern University Dissertation defense: 5/2023
Sam Kolovson	UW HCDE	Personal Data and Team Dynamics: Tracking Technology in US College Sports (co-advised with Kate Starbird)	UX Consultant & Lecturer, HCDE, University of Washington Dissertation defense: 8/2022
Kai Lukoff	UW HCDE	Designing to Support User Agency Over Time Spent in Smartphone Apps (co-advised with Alexis Hiniker)	Assistant Professor, Computer Science, Santa Clara University Dissertation defense: 5/2022
Judith Yaaqoubi	UW HCDE	<i>SIGCHI Outstanding Dissertation Award</i> Other Sides: Practitioners' Views on Cultural Adaptation of Web-Based Products. (co-advised with Katharina Reinecke)	Senior Program Manager, Microsoft Dissertation defense: 12/2020
Arpita	UW HCDE	Designing Guided Asynchronous Remote Communities to Support Teen Mental Health (co-advised with Julie Kientz)	Assistant Teaching Professor, HCDE, University of Washington Dissertation defense: 11/2020
Lucas Colusso	UW HCDE	Understanding and Tooling Translational Research in Human-Computer Interaction (co-advised with Gary Hsieh)	Product Designer, Microsoft Dissertation defense: 11/2020
Jessica Schroeder	UW CSE	Goal-Directed Self-Tracking in the Management of Chronic Health Conditions (co-advised with James Fogarty)	User Researcher, Google Dissertation defense: 5/2020
Elena Agapie	UW HCDE	Designing for Human-Supported Evidence-Based Planning (co-advised with Gary Hsieh)	Assistant Professor, Informatics, UC Irvine Dissertation defense: 6/2020
Chia-Fang (Christina) Chung	UW HCDE	Using Personal Informatics Data in Collaboration Among People with Different Expertise	Associate Professor, Computational Media, UC Santa Cruz Dissertation defense: 6/2018
Daniel Epstein	UW CSE	Everyday Personal Informatics (co-advised with James Fogarty)	Associate Professor, Informatics, UC Irvine Dissertation defense: 6/2018
<i>Graduated with MS Degree</i>			
Susanne Kirchner	UW HCDE	n/a (co-advised with Julie Kientz)	Psychological Counselor Graduated with MS 6/2022

Other doctoral committees (general exam and/or dissertation)

Student	Program	Dissertation Title	Key dates
Mina Zavary	UW HCDE		General exam: 5/2026
Nisha Devasia	UW HCDE		General exam: 12/2025
Caitie Lustig	UW HCDE		Dissertation proposal: 11/2024
Adiza Awwal	UW HCDE		General exam: 10/2025
John Robinson	UW HCDE	Framework for the Evolution of Online Communities on Reddit	Dissertation defense: 5/2026 Dissertation proposal: 4/2020
<i>Graduated</i>			
Richard Li	UW CSE	Enabling At-Home Health Interventions with Personal Health Technologies	Dissertation defense: 6/2025 General exam: 5/2024
Yasaman Sefidgar	UW CSE	Goal-Centered Personal Informatics Tools	Dissertation defense: 8/2025 Generals/Proposal: 6/2023
Anant Mittal	UW CSE	Designing for Communication, Collaboration, and Coordination in Accessibility and Health	Dissertation defense: 3/2025 General exam: 12/2024
Rimika Chaudhury (external examiner)	Simon Fraser University		Dissertation defense: 1/2025
Beth Dunbar	UW HCDE	Applying Critical Reflection to Reimagine Global Health	Dissertation defense: 6/2024 Dissertation proposal: 5/2023 General exam 1/2022
Brian Kinnee	UW HCDE	Designing with Polyamory	Dissertation defense: 5/2024 Dissertation proposal: 5/2023 General exam: 4/2022
Akeiyah DeWitt	UW HCDE	Cultural Safety in Child Health Promotion Technologies: Research and Design Opportunities	Dissertation defense: 4/2024 Dissertation proposal: 3/2023 General exam: 3/2022
Sinthia Kabir	University of Utah – CS	Advancing the Path for A More Human Centered Design of Just-in-Time Adaptive Interventions (JITAI)	Dissertation defense: 6/2023 Dissertation proposal: 4/2022 General exam: 5/2021
Naveena Karusala	UW CSE	Caring For the Future of Care Work	Dissertation defense: 6/2022 General exam: 3/2021
Alex Okeson	UW CSE	Strategies for Selecting and Adapting Machine Learning Systems to Support Different Types of Experts	Dissertation defense: 5/2022 Generals / proposal: 11/2021
Heleen Rutjes (opponent)	TU Eindhoven – Innovation Sciences	Health Coaches, Health Data, and Their Interaction	Dissertation defense: 10/2021
Kirsi Halttu (pre-examiner)	University of Oulu – Information Technology & Electrical Engineering	Changing behaviours via self-monitoring. Exploring psychological differences in system evaluations of self-tracking systems.	Pre-examination: 8/2021
Ahmer Arif	UW HCDE	(n/a – General exam only)	General exam: 6/2017
Ravi Karkar	UW CSE	Designing Personal Health Technologies for Translating Population-Level Evidence into Personal Understanding	Dissertation defense: 8/2020 General exam: 9/2018
Herman Saksono	Northeastern – CS	A Social Cognition Framework for Interpersonal Informatics in Families	Dissertation defense: 8/2020 Dissertation proposal: 12/2019
Ross Lordon	UW BHI	Design, Development, and Evaluation a Patient-Centered Health Dialog System to Support Inguinal Hernia Surgery Patient Information-Seeking	Dissertation defense: 8/2019 General exam: 11/2016
Mia Suh	UW HCDE	Designing for Temporal Motivation	Dissertation defense: 3/2020 Dissertation proposal: 1/2019 General exam: 3/2016
Hyewon Suh	UW HCDE	Supporting Health Monitoring by Reducing User Burden and Enhancing User Benefit	Dissertation defense: 3/2019 Dissertation proposal: 12/17 General exam: 4/2016
Alexis Hiniker	UW HCDE	Supporting Intentional Media Use in Families	Dissertation defense: 5/2017 General exam: 7/2014
Petr Slovak	TU Wien Informatics	Supporting the development of social-emotional competencies through technology	Dissertation defense: 3/2017
Jared Bauer	UW iSchool	Toward Communicating Meaning in Context-Aware Systems	Dissertation defense: 10/2016 General exam: 8/2013
Michael Brooks	UW HCDE	Computational Tools for Qualitative Research with Online Social Text Data	Dissertation defense: 8/2015 Proposal defense: 6/2014

Student	Program	Dissertation Title	Key dates
Daniel Perry	UW HCDE	A Game-Based Intelligence Model for Data Science Video Games	Dissertation defense: 6/2015 Proposal: 3/2014
Robert Racadio	UW HCDE	(n/a – General exam only)	General exam: 6/2013

Graduate school representative (general exam and/or dissertation)

Current: Damien Park (Nursing), Shirin Amouei (iSchool), JaeWon Kim (iSchool)

Graduated: Rebecca Hazen (BHI), Mayank Goel (CSE), Chun-Cheng Chang (ISE), Brian Burg (CSE), Leslie Liu (BHI), Gabe Cohn (CSE), Jordan Eschler (iSchool), Katie O'Leary (iSchool), Elliot Saba (EE), Logan Kendall (BHI), Frank Schwebel (Clinical Psychology), Edward Wang (ECE), Fangfang Wang (ISE), Frances Chu (Nursing), Prerna Juneja (iSchool), Lisa Orii (CSE)

Masters Committees

Student	Program	Thesis Topic	Key dates
Catherine D'Ignazio	MIT – Media Lab	Encouraging Geographic Exploration and Serendipity in Newsreading	Final thesis: 8/2014

Mentor on Research Awards (e.g., NIH Career Awards and Fellowships)

Funder	Title	Mentee	Dates
NIH NIAAA	FIRE-PF: Developing and Testing a Trauma-Informed Alcohol Intervention to Enhance Mental Health in Firefighters K23AA032860	Antoine Lebeaut	6/2026 – 05/2031
NIH	Developing a novel tablet PrEP adherence intervention for young women in South Africa (K01/R00) K99MH123369	Jen Velloza	1/2021 – 12/2022
NIH NIMH	Applying Human-Centered Design to Inform Mobile Technology-Mediated Supervision with Lay Counselors in Kenya F31MH124328	Noah Triplett	8/2020 – 5/2023
NIH NIAAA	Changing Decisions During Drinking: Development of an Alcohol-Related Consequence Intervention for Emerging Adults. 5K01AA027771	Brittney Hultgren	6/2020 – 5/2022
NIH	Development of a Targeted, Web-based Intervention for Smokers with Social Anxiety Disorder Using Acceptance and Commitment Therapy F32DA041100	Noreen Watson	9/2016 – 8/2018
NIH NIAAA	Developing a tool to assess, provide feedback, and facilitate discussion of mechanisms of change in frontline addiction treatment K01AA024796	Kevin Hallgren	5/2016 – 4/2021

Other significant student supervision

Student	Level, Department	Notes	Dates
Nanna Jensen	Doctoral student, ITU Copenhagen	Visiting student	Sp 2016
Ana Caraban	Doctoral student, University of Madeira	Visiting student	Su 2015
Ruben Gouveia	Doctoral student, University of Madeira	Visiting student	Su 2015
Tara Kola	REU	Co-mentored w/ Jessica Hullman	Su 2015
Conrad Nied	Doctoral student, CSE	Co-mentored w/ Gary Hsieh	Au 2014 – Sp 2015
L. Dean Poppe	NLM Post Doc, Biomedical & Health Informatics	Co-mentored w/ George Demeris	Wi 2013 – Sp 2014
Ted McCarthy	Doctoral student, Biomedical & Health Informatics	Mentored for a first-year rotation	Wi 2013
Stephanie Lee	Doctoral student, sociology	Supervised on research related to political diversity online	Au 2012 – Au 2014
Yi-Chen Sung	Doctoral student, HCDE	Co-mentored with Gary Hsieh	Au 2013 – Au 2014

RESEARCH FUNDING

Funded Research

Funder	Title	Role	Total Budget	Dates
Oncology Nursing Foundation	Expanding Access to Evidence-Based Insomnia Treatment for Breast Cancer Survivors: Clinical Implementation Strategies for a Conversational Digital Sleep Intervention	Co-Investigator (PI: K. Reding)	\$99,946	1/27 – 1/29
NSF	HCC: Advancing Human-Centered AI in Personal Health Informatics Tools: Support for Planning, Tracking, and Reflection in Management, Information, and Tracking Goals NSF IIS #2551299	Co-Principal Investigator (PI: J. Fogarty)	\$899,143	10/26– 9/29
Andy Hill Cares Research Endowment	Phase II Randomized Controlled Clinical Trial evaluating a Scalable, Personalized Home-Based Activity Intervention with ExerciseRx in Survivors with Nonmuscle-Invasive Bladder Cancer: The EMPOWER Trial	Co-Investigator (PI: S. Psutka)	\$1,000,000	
UW Innovation Gap Fund	ActivaTeen	Co-Investigator (PI: J. Jenness)	\$50,000	1/25 – 1/26
UW Innovation Gap Fund	Beacon	Co-Investigator (PI: J. Fogarty)	\$15,000	6/24-6/25
UW Population Health Initiative	Sembrando Salud: Designing Healthy Eating Futures for Latinx Adolescents	Adviser / Co-Investigator (PI: C. Castillo)	\$24,896	5/24-2/25
NIH NIMH	Developing a Digital Just-in-Time Adaptive Intervention for Adolescent Depression Treatment in Primary Care 1 R61 MH132809	Co-Investigator (PI: J. Jenness, A. Miller)	\$4,713,795	5/24-4/29
NIH NIMH	UW ALACRITY Center for Psychosocial Research 2 P50 MH115837-05	MPI (with A. Lyon)	\$11,489,410	6/23 – 3/28
NSF	RAPID: Revisiting Infrastructures of Workplace Accountability amidst 2023 Tech Layoffs NSF IIS #2327163	Co-Investigator (PI: S. Ghoshal)	\$96,444	
Bladder Cancer Advocacy Network	The “Get Moving Trial”: A Phase I/II RCT of a Home-Based (P)Rehabilitation Intervention with ExerciseRx in Muscle-Invasive Bladder Cancer	Co-Investigator (PI: C. Lin)	\$1,096,370	5/23 – 4/26
UW Garvey Institute for Brain Health Solutions	Adapting a resilience intervention for a youth athletic space (“Mentally Strong”) to build positive emotional coping skills	Co-Investigator (PI: S. Chrisman)	\$49,926	1/23 – 12/23
UW Population Health Initiative	Laying a foundation for a human centered design (HCD) hub within the Government of Tanzania to innovate nutrition solutions	Adviser / Co-Investigator (PI: T. Aung)	\$24,705	1/23 – 12/23
UW Population Health Initiative	Evaluating a novel, portable, self-administered device (“Beacon”) that measures critical flicker frequency toward at-home testing for minimal hepatic encephalopathy in cirrhosis.	Co-Investigator (PI: G. Ioannou)	\$99,448	9/22 –9/23
NIH NIMH	Evaluation of an Asynchronous Remote Communities Approach to Behavioral Activation for Depressed Adolescents R34MH128387	Co-Investigator (PI: J. Jenness)	\$725,919	8/22 – 6/25
Fred Hutchinson Cancer Research Center	An Innovative Chatbot Intervention to Improve Sleep and Physical Activity in Adolescent and Young Adult Cancer Survivors	Co-Investigator (PI: K. Reding)	\$50,000	4/22 -3/23
NIH NIMH	Enhancing Engagement with Digital Mental Health Care R01MH125179	Co-Investigator (PI: P. Arcàn, M Pullmann)	\$3,161,673	12/20- 11/24
VA	Development and validation of a cirrhosis-specific surgical risk calculator (C-SuRC) VA: I01HX003062	Co-Investigator (PI: Ioannou)	\$1,074,973	8/20 -2/24
NIH	Personalizing Digital Behavior Change Interventions to Promote Oral Health 1UG3DE028723	UW PI	\$44,448	1/20- 7/20

Funder	Title	Role	Total Budget	Dates
NSF	CHS: RAPID: Families, Tech, & COVID-19 2027525	Co-Investigator (PI: J. Kientz)	\$124,548	6/20-5/21
Google	PhoneBalance: A Program for Supporting Families in Self-Nudging Smartphone Use	PI PhD student Kai Lukoff co-authored the proposal.	\$76,502	3/20-2/21
NIH NIDDK	Evaluating a Novel, Portable, Self-Administered Device ("Flicker-App") that Measures Critical Flicker Frequency as a Test for Minimal Hepatic Encephalopathy in Cirrhosis 1R21DK117431	Co-Investigator (PI: G. Ioannou)	\$250,000	9/19-8/21
NIH NLM	Open Tools for Self-Tracking, Self Experimentation, and Patient-Provider Collaboration in Symptom Self-Management and Clinical Care 1R01LM012810-01A1	Co-Investigator (PI: J. Fogarty)	\$1,200,000	9/18-5/23
NIH NIMH	UW ALACRITY Center for Psychosocial Interventions Research (P50) P50MH115837	Co-Director, Methods Core (PI: P. Areán)	\$6,995,985	5/2018-4/2023
NIH NIHM	Brief Online Training (BOLT) for Routine Outcome Monitoring: A Low Cost and Scalable Minimal Intervention for Change in School Mental Health	Key Personnel (PI: A. Lyon)	\$697,239	2/2016-12/2019
PCORI	Using Patient-Generated Health Data to Transform Healthcare	Co-Investigator (PI: D. Lavallec)	\$249,843	3/2016-2/2019
NIH NIAAA	Using Technology to Optimize Personalized Feedback to Boost Size and Duration of College Drinking Prevention Effects (R56)	Co-Investigator		9/2016-6/2017
PCORI	Blood Pressure Checks for Diagnosing Hypertension (BP-CHECK)	Co-Investigator (Lead institution: Group Health Research Institute)	\$2,808,663	11/2016-10/2019
NSF	PFI:BIC - Smart Laser-Based Imaging and Optical Spectroscopy System: optical quantification of bacterial load, oral health surveillance, and caries prediction NSF PFI #1631146	Co-PI (PI: E. Seibel)	\$999,995	9/2016-8/2020
NSF	CAREER: Inspecting Personal Informatics Tools & Practices to Unlock Value in Self-Trackd Data NSF IIS #1553167	PI	\$591,642	3/2016 - 4/2023
Google	Human-centered representations of uncertainty in everyday, mobile predictive systems	Co-PI with J Hullman CSE PhD student M Kay co-authored the proposal.	\$67,608	9/2015
UW Research Innovation Award	A Connected Approach to Personalized Mobile Health	Co-PI with JA Kientz, J Fogarty, J Zia, R Vilardaga, and S. Patel	\$498,000	1/2015 – 1/2017
AHRQ	Sharing Patient Lifelog Data with Primary Care Clinicians for two patient populations: preventative care and chronic disease management AHRQ 1R21HS023654	PI Co-Is: Allison Cole, James Fogarty, Julie Kientz, Jasmine Zia	\$297,000	9/2014 – 9/2016
UW Royalty Research Fund	Field Evaluation of Adding Social Elements to a Positive Psychology Intervention	PI	\$38,879	9/14 - 9/15
<i>Prior to UW PI eligibility</i>				
Robert Wood Johnson Foundation	Impacts of Public Announcements of Goals and Outcomes on Goal Completion	Coauthored with PIs Paul Resnick, Caroline Richardson, & Erin Krupka	\$99,626	5/12 - 4/13
NSF	BALANCE: Optimizing News and Opinion Aggregators for Diversity NSF IIS Small #0916099	Co-authored with PI Paul Resnick & Daniel Xiaodan Zhou	\$515,312	6/09 - 6/12

Funder	Title	Role	Total Budget	Dates
University of Michigan	Social Software for Wellness Interventions. Rackham Graduate School Pre-Candidate Research Grant	PI	\$1,500	2009
Yahoo!	Opinion Diversity in Online Political Discussions Yahoo! Key Technical Challenge Grant	PI	\$5,000	2008

Gift Funding

Funder	Total amount	Awarded
Google (Improving Efficacy of Self-Tracking)	\$100,000	11/2021
Microsoft Research FUSE Labs	\$24,000	6/2013
Facebook	\$25,000	6/2013

DOCUMENTATION OF TEACHING EFFECTIVENESS

Courses Taught & Student Evaluations

Course	Title	Quarter	Credits	Section	# Enrolled	# Responses	Item			Mean 1-4
							#1	#3	#4	
HCDE 548	Advanced Topics in HCDE: Nudges in Sociotechnical Systems	W13	5	-	6	6	4.3	4.8	3.9	4.2
HCDE 517	Usability Testing	W14	4	B	38	34	4.2	4.3	4.3	4.2
	Usability Studies	W15	4	C	40	35	3.9	4.2	4.1	4.0
		W16	4	EJ	27	17	4.3	4.6	4.6	4.5
		W17	4	A	37	29	4.2	4.6	4.4	4.4
		W18	4	AE	36	14	4.9	4.9	4.9	4.9
		W22	4	AE	40	23	4.9	4.8	4.9	4.9
		W23	4	AE	36	20	4.7	4.8	4.8	4.8
		W24	4	BF	40	14	4.9	4.9	4.9	4.9
		W25	4	CG	40	28	4.8	4.9	4.9	4.9
		W26	4	AE	36	20	4.8	4.9	4.9	4.9
HCDE 310	Communication Design & Technology	A12	5	A	24	20	3.5	4.5	4.0	3.9
				B	18	11	4.4	4.5	4.4	4.4
	Interactive Systems Design & Technology	A13	5	A	48	34	4.6	4.8	4.5	4.6
		A14	5	A	56	36	4.5	4.7	4.3	4.5
		A15 ⁴	5	AB	90	33	4.7	4.9	4.6	4.7
		A16	5	A	86	32	4.4	4.7	4.4	4.5
		A17	5	A	92	50	4.5	4.8	4.6	4.6
		A19	5	A	58	17	4.3	5.1	4.3	4.5
		A20 ⁵	5	A	86	31	4.4	4.9	4.8	4.7
		A21	5	A	88	24	4.4	4.9	4.7	4.7
		A22	5	A	58	16	5.0	5.0	5.0	5.0
HCDE 548 / CSE 599	Advanced Topics: Personal Informatics Co-taught with James Fogarty	W16	5	A/P1	15	14	4.6	4.6	4.6	4.6
HCDE 541	Introduction to PhD Studies	A23	2	A	13	7	3.9	4.7	4.6	4.4
		A24	2	A	6	3	4.0	4.5	4.5	4.4
		A25	2	A	11	8	4.9	4.9	5.0	4.9

⁴ This was the first year I switched to the electronic evaluations.

⁵ Taught remotely during a pandemic.

HCDE 547 – HCDE Discussion Research Seminar: Winter 2020, Spring 2020, Fall 2020, Winter 2021, Spring 2021, Fall 2021, Winter 2022, Autumn 2022, Spring 2023, Autumn 2023; Spring 2024, co-organized with Julie Kientz.

Directed Research Groups (HCDE496/HCDE596; variable credit hours; no course evaluations)

Topic	Qtr	Enrollment	SCHs
Redesigning Washington Health Summary	Sp26	2	2
Designing Healthy Eating Futures for Latinx Adolescents (w/ Carla Castillo)	Sp25	2	4
Leveraging role-playing games to support mental health (w/ Georgia Kenderova & Nisha Devasia)	Sp25	4	9
Co-speculating Care-ful Data Infrastructures with Home Child Care Workers (w/ Neilly Tan & Audrey Desjardins)	Sp25	2	2
Co-speculating Care-ful Data Infrastructures with Home Child Care Workers (w/ Neilly Tan & Audrey Desjardins)	W25	3	6
Designing Healthy Eating Futures for Latinx Adolescents (w/ Carla Castillo)	W25	2	5
Leveraging role-playing games to support mental health (w/ Georgia Kenderova & Nisha Devasia)	W25	5	18
Designing Measurement Reading Group (w/ Nichole Sams & Brittany Blanchard)	A24	7	8
UW ALACRITY Center Website Redesign (w/ Tricia Aung)	A24	4	9
Designing Healthy Eating Futures for Latinx Adolescents (w/ Carla Castillo)	A24	4	10
Mapping Collective Visions for Tech Workers in the aftermath of the 2022-2023 Tech Layoffs (w/ Samuel So & Sucheta Ghoshal)	Sp24	1	2
Decolonizing Mental Health and Beyond: Building mental wellness with community assets (w/ Nichole Sams)	W24	12	45
Everyday Sensor Sharing: Reimagining location sharing / Speculating about the future of digital technology (w/ Claire Weizenegger)	W24	12	
Mapping Collective Visions for Tech Workers in the aftermath of the 2022-2023 Tech Layoffs (w/ Samuel So & Sucheta Ghoshal)	A23	2	4
Speculative Engagements with Post-mortem Digital Legacies (w/ Sam So)	Sp23	3	9
Landscape analysis of human centered design methods for improved nutrition outcomes (w/ Tricia Aung)	Sp23	2	
Landscape analysis of human centered design methods for improved nutrition outcomes (w/ Tricia Aung)	W23	6	19
Speculative Engagements with Post-mortem Digital Legacies (w/ Sam So)	W23	4	
Speculative Engagements with Post-mortem Digital Legacies (w/ Sam So)	A22	9	25
Understanding how Older Adults and their Support Network use Always-On IoT Devices (w/ Shengzhi Wang & Neilly Tan)	Sp22	6	22
Understanding experiences from people who have gained insights from tracking, that suggest taking action (w/ Carla Castillo)	Sp22	4	
Analyzing the Future of Sports Technologies (w/ Sam Kolovson)	W22	3	6
Experiences with Aging in Place Technologies (w/ Shengzhi Wang)	A21	2	9
Family PhoneBalance: Designing Collaborative Interventions for Managing Technology Use (w/ Kai Lukoff)	A21	3	
Speculating the Future of Sports Technology (w/ Sam Kolovson and Kate Starbird)	Sp21	8	32
Designing for an Asynchronous Remote Communities (ARC) tool to support adolescent depression treatment (w/ Arpita and Julie Kientz)	Sp21	8	
Speculating the Future of Sports Technology (w/ Sam Kolovson and Kate Starbird)	W21	8	23
Discursive Design Inquiry with Home Cameras (w/ Neilly Tan & Audrey Desjardins)	A20	3	8
SwitchTube: Testing a Mobile App for Self-Control on YouTube (w/ Kai Lukoff & Alexis Hinkier)	A20	4	
Speculative Design (doctoral student reading group)	Sp20	4	22
Personal Informatics and Ethics (doctoral student reading group)	Sp20	4	
Redesigning YouTube to Remove Dark Patterns (w/ Kai Lukoff and Alexis Hiniker)	Sp20	4	
Designing to Support Clients and Therapists in Engaging with Therapeutic Activities (w/ Elena Agapie)	Sp20	3	

Topic	Qtr	Enrollment	SCHs
Redesigning YouTube to Remove Dark Patterns (w/ Kai Lukoff and Alexis Hiniker)	W20	6	20
Designing to Support Clients and Therapists in Engaging with Therapeutic Activities	W20	4	
PhoneBalance: Prototyping a Website and Diary to Help People Address Their Concerns with Smartphone Use (w/ Kai Lukoff and Alexis Hiniker)	A19	7	30
Identifying Dark Patterns on YouTube and Twitter (w/ Kai Lukoff and Alexis Hiniker)	A19	6	
Implementing Mental Health Strategies in Everyday Life (w/ Elena Agapie and Gary Hsieh)	Su19	5	15
A Design Space for Mindfulness Technologies (w/ Kai Lukoff)	Su19	2	
A Design Space for Mindfulness Technologies (w/ Kai Lukoff)	Sp19	5	21
Technology Design for Goal-Directed Migraine Tracking (w/ Jessica Schroeder)	Sp19	1	
A Design Space for Mindfulness Technologies (w/ Kai Lukoff)	Sp19	6	
Everyday personal tracking: an exploration through practice (w/ Calvin Liang, Susanne Kirchner, and Julie Kientz)	W19	5	17
Implementing mental health strategies in everyday life (w/ Elena Agapie and Gary Hsieh)	W19	6	
How Do People Architect their Environment to Manage (Addictive) Smartphone Use? (w/ Kai Lukoff and Alexis Hiniker)	Sp18	6	47
Design and Development for Crowdsourcing Physical Activity Advice (w/ Elena Agapie and Gary Hsieh)	Sp18	6	
Exploring the Use of Wearables in College Athletics (w/ Sam Kolovson, Kate Starbird, and David McDonald)	Sp18	3	
Asynchronous Research Communities for Teen Stress (w/ Arpita & Julie Kientz)	Sp18	2	
Managing a field study of an app for telling stories with personal data (w/ Daniel Epstein)	Sp18	4	
Exploring the Use of Wearables in College Athletics (w/ Sam Kolovson, Kate Starbird, and David McDonald)	W18	5	
Managing a field study of an app for telling stories with personal data (w/ Daniel Epstein)	W18	4	
Exploring the Use of Wearables in College Athletics (w/ Sam Kolovson, Kate Starbird, and David McDonald)	A18	10	
Using Personal Informatics Data in Collaboration with People with Different Expertise (w/ Christina Chung)	A18	4	
Technology Design & Development for Healthier Eating (w/ Christina Chung)	Sp17	2	
Youth mental health: a family-oriented approach (w/ Arpita & Julie Kientz)	Sp17	4	
Epiphany moments: Understanding catalysts for health behavior change (w/ Arpita & Julie Kientz)	W17	2	
Epiphany moments: Understanding catalysts for health behavior change (w/ Arpita & Julie Kientz)	A16	6	
Supporting Designers of Behavior Change Technologies (w/Lucas Colusso & Gary Hsieh)	W15	15	
Friend and Crowdsourced Support for Behavior Change (w/ Elena Agapie & Gary Hsieh)	A15	12	
Patient-Provider Sharing of Consumer Lifelogs (w/ Christina Chung)	Sp15	6	
Wins and false starts: Why and how do people stop self-tracking? (w/ Daniel Epstein)	Sp15	6	
Wins and false starts: Why and how do people stop self-tracking? (w/ Daniel Epstein)	W15	12	
Wins and false starts: Why and how do people stop self-tracking? (w/ Daniel Epstein)	A14	12	
Political Diversity Online	Sp14	4	
Applications to Support Health & Wellness	Sp14	6	
Political Diversity Online	W14	2	
Social Applications to Support Health & Wellness	W14	16	
Political Diversity Online	A13	1	
Social Applications to Support Health & Wellness	A13	12	
Designing and Studying Tools for Presenting Political Diversity Online	Sp13	1	
Social Applications to Support Health & Wellness	Sp13	11	
Designing and Studying Tools for Presenting Political Diversity Online	W13	2	
Social Applications to Support Health & Wellness	W13	5	
The Internet and the 2012 Election	A13	2	
Social Applications to Support Health & Wellness	A13	3	

Prior to appointment at the University of Washington

School of Information, University of Michigan

Graduate Student Instructor

- EECS182/SI182 Building Applications for Information Environments, Winter 2009
- SI529 Analysis and Design of Online Communities, Winter 2009
- SI501 Contextual Inquiry and Project Management, Fall 2008

Summer Programs (K-12 Outreach)

- Human Centered Design, Personal Data, and Personal Behavior. Two-day workshop at the University of Washington Early Engineering Institute. Summer 2015.
- Personal Informatics & Persuasive Technology. One-week focus group at the University of Washington Summer Mathematics Academy. Co-taught with Gary Hsieh. Summer 2014, 2015, 2016, 2017, 2018.

Curriculum development

Human Centered Design & Engineering, University of Washington

- HCDE 310 Interactive Systems Design & Technology (*né* Communication Design & Technology), Autumn 2012 /Autumn 2013 (redesigned course). My work in redesigning HCDE310 and adapting it for teaching in an active learning classroom was profiled in the October 2014 University of Washington Provost Report, “*Innovators Among Us: Using Technology to Engage Students.*”

School of Information, University of Michigan

- SI410 Ethics and Information Technology, Summer 2009
- SI182 EECS182/SI182 Building Applications for Information Environments, Winter 2009

Franklin W. Olin College of Engineering, Needham, MA

- FND1510 Engineering Computing, Summer 2002
- Curriculum Decision Making Board (designed first curriculum), 2002
- Entrepreneurship Curriculum Task Force (designed initial entrepreneurship offerings), 2001

Teaching Awards & Nominations for Teaching Awards

Nominated for UW Distinguished Teaching Award, 2016

University of Washington College of Engineering Faculty Teaching Award, 2015

Nominated for UW Distinguished Teaching Award for Innovation with Technology, 2014, 2015

Yahoo! Innovative Teaching with Technology Award, 2009

SERVICE

University of Washington

Departmental service – Human Centered Design & Engineering

Associate Chair, Faculty & Research Development, 2024 –

- Led efforts to enhance communication of HCDE’s research and impact in our communities, including an HCDE research impact report and re-launching the HCDE Research Showcase.
- Worked with HCDE’s senior research development officer to develop templates documents for common funding opportunities for HCDE investigators.

PhD Program Committee, 2019 –

PhD Program Director, 2019 – 2025

During this period, raised the program completion rate from 63% to 71%, grew our program by 68%, doubled recruitment of Black and Hispanic students, and navigated a global pandemic while maintaining student support.

- Overhauled recruiting and admission process to include more mentoring about the PhD application process and PhD programs.
- Launched a doctoral research grant program.
- Revised the PhD curriculum to provide greater legibility and flexibility to PhD students. Developed methods offerings unique to HCDE's strengths and expertise.
- Developed a research master's degree, which doctoral students can earn on the way to a PhD and can be a graceful exit from the program.
- Increased HCDE doctoral student pay to keep pace with rapid inflation, exceeding university-wide increases while managing program size and resources to stay within our means.

Faculty Support Committee, 2023 –

Research Committee, 2022 –

Executive Committee, 2023 – 2025

External Partnerships Committee, 2023 – 2024

Financial Advisory Committee, 2021 – 2023

Space Committee, 2021 – 2022

ABET Committee, 2020 – 2022

Grants Manager Search Committee, 2022

Academic Services Manager Search Committee, 2020

Assistant Professor Search Committee 2019 – 2020 (chair), 2022 – 2023

Bachelor's Steering Committee, 2012 – 2018

Space Committee, 2012 – 2017

Active Learning Classroom design, Spring 2013

Strategic Planning Committee, 2018(ad-hoc, chair), 2025 – 2026 (core),

Technology Committee, 2012 – 2013, 2016 – 2018

College of Engineering service

Chair Review/Reappointment Committee for Human Centered Design & Engineering, 2025

Chair Review/Reappointment Committee for the Department of Chemical Engineering, 2022

Strategic Planning Steering Committee, 2020 – 2021

Innovative Engineering Education subcommittee (co-chair), 2020 – 2021

HCDE Department Chair Search, 2019 – 2020

Faculty Awards Committee, 2016

Public Information Specialist Search Committee, 2015

University service

Research Resilience Task Force, 2025

Faculty Senate, 2023 –

Senate Executive Committee, 2024 – 2027

Ad-hoc Committee on Improving Shared Governance, 2026 –

Promotion & tenure review committees (external to HCDE), 2023 (1)

Presidential Dissertation Fellowship Selection Committee, 2020

UW Finance Transformation Consultant, 2020

MHCI+D – An interdisciplinary master's program

- Director Search Committee (chair), 2021 – 2022

- Chair, 2019 – 2021

Led strategic planning process for the next five years of the program, including updating mission, vision,

and core values. Revitalized program leadership structure. Worked with the HCID team to temporarily transition the studio-based program to remote and then hybrid during the COVID-19 pandemic.

- Director Search Committee, 2019 – 2020
- Executive Committee, 2016 – 2018

DUB – HCI & Design at the University of Washington

- Seminar Series Coordinator, Fall 2015 – Spring 2018
- Fall Retreat co-organizer (with Wanda Pratt and Kate Starbird), 2014
- CHI 2013 Reception co-organizer (with Alan Borning, CSE), 2013

UW Medicine

- Digital Health Advisory Committee, 2017 – 2021
- Advisory Board, Primary Care Innovation Lab, UW Family Medicine, 2015 – present

University of Michigan

- Michigan Interactive and Social Computing Co-Founder / Coordinator, 2010 – 2011
- School of Information
 - Doctoral Committee, 2010 – 2011
 - Doctoral Student Organization Executive Committee, 2010 – 2011
 - North Quad Committee (new facility), 2009 – 2010
 - Faculty Search Committee, 2008 – 2009
 - Curriculum Committee, 2006 – 2007

Franklin W. Olin College of Engineering

- Strategic Advisory Committee, 2005 – 2006
- Organizational Health Committee, 2003 – 2004
- Information Technology Working Group, 2002 – 2004
- Council of Olin Representatives (student government)
 - Vice President of Student Initiatives, 2003 – 2004
 - President, 2002 – 2003
 - Development committee member, 2001 – 2002
- Olin Volunteer Ambassadors League, 2001 – 2004
- Curricular Decision Making Board, 2002
Developed first-ever curriculum for this start-up engineering college, with a focus on project-based learning and cross-disciplinary courses.
- Olin Partner Year, 2001 – 2002

Professional society, international, national, or governmental service

Computing Research Association - Computing Community Consortium (CCC).

Computing Innovation Fellows Selection Committee – HCI & Social Computing. 2021.

External reviews for reappointment, promotion, and/or tenure, 2021 (2), 2023 (2), 2024 (4), 2025 (2), 2026 (5)

Special Issue/Section Organization

1. Human-Centered Computing in Healthcare. Co-edited with Patricia Kuo, Uichin Lee, Helena Mentis, Laurel Riek, Katie Siek, Aneesha Singh, and Jason Wiese. *ACM Transactions on Healthcare in Computing* (continuous special section since 2025).
2. The Examined Life: Personal Uses for Personal Data. Co-edited with Dan Cosley, Elizabeth Churchill, and Jodi Forlizzi. *HCI* 33(1), 2018.
3. Designing Social Media for Change. Co-edited with Noreen Kamal, Vasillis Vlachokyriakos, Michael Fergusson, and Sidney Fels. *Computers in Human Behavior* 2014; 41.

Conference organizing, program committees, and professional societies

ACM SIGCHI

Outstanding Dissertation Award Committee, 2024 –

Interactive Health Conference (inaugural, 2026)

Awards Committee (co-chair), 2026

Steering Committee, 2025 –

Co-founder, 2024

Contributed to proposal for new SIGCHI conference on HCI+Health, surveying community members and conducting town halls, developing publication model, conference format, and governance bylaws. Co-organized CHI 2025 workshop to kick off the conference.

ACM SIGCHI Conference on Human Factors in Computing Systems

Program Committee:

Health subcommittee (co-chair), 2019

Health, Accessibility, and Aging subcommittee (co-chair), 2018

Understanding People subcommittee, 2016

Specific Application Areas subcommittee, 2015

Interaction Beyond the Individual subcommittee, 2013, 2014

Workshop jury, 2012 – 2013

Works-in-Progress program committee member, 2011

ACM Conference on Computer Supported and Cooperative Work and Social Computing (CSCW)

Awards Committee (co-chair, Lasting Impact), 2026

Awards Committee, 2023

Editor, 2019 – 2021

Program Committee, 2018

ACM Transactions on Computing for Healthcare, Associate Editor, 2026 –

AAAI International Conference on Weblogs and Social Media

Social Media Chair, 2017

Senior Program Committee, 2013, 2014

Human Computer Interaction Consortium

Program Co-Chair, 2022

Site selection research, 2011

Webmaster, 2010 – 2011

Pervasive Health

Program Co-Chair, 2020

Program Committee, 2017, 2018