

People's backgrounds and experiences influence how they approach designing technology, and diverse teams lead to solutions that better serve the needs of everyone. I have sought opportunities to promote diversity through my mentorship of students, the research questions I tackle, and the service I conduct. I primarily seek to sustain involved mentorship with small groups of students, empowering them to be involved in research.

I have involved a diverse group of students in research and teach the core skills necessary for conducting research through for-credit research groups and individual student mentorship. I sought a representative group when selecting applicants with an emphasis on providing opportunities to traditionally underrepresented groups. 16 of the 23 students I have mentored through research have been women or historically underrepresented minorities. These students have gone on to be hired as full-time developers and UX researchers in industry. Two have enrolled in or are applying to graduate programs specializing in Human-Computer Interaction.

My interest in the everyday experience of tracking has led me to select research problems with broad impact. One project examined how people track their menstrual cycles. Women's health has often been overlooked in personal tracking technology, such as when Apple HealthKit launched in 2014 without support for menstrual data. This omission triggered substantial press attention, and the feature was later added. In that work, colleagues and I additionally surfaced assumptions designs make about the gender identity and sexual orientation of the person tracking. Developing design principles for more inclusive tracking technologies is a research priority of mine, such as designing physical activity tracking tools with an understanding of geographic or socioeconomic constraints that impact exercise opportunities (e.g., lack of access to equipment, time constraints).

I aim to promote opportunities for underrepresented groups through my service as well. As one of the University of Washington Design, Use, Build (DUB) student coordinators, I have worked across departments to plan events which match the needs of the Ph.D. students. I worked with a team of students to developed the inaugural DUB Doctoral Colloquium with the goal supporting underrepresented groups within DUB. UW's large HCI presence leads to substantial internal competition for Doctoral Colloquia at conferences that publish HCI research (e.g., CHI, CSCW, UbiComp, UIST, ASSETS). The DUB Doctoral Colloquium gave students who were often overlooked in conference submissions an opportunity for feedback on their dissertation and framing from academic and industrial research panelists spanning a range of disciplines.

As faculty, I seek to promote an inclusive department culture for undergraduate and graduate students. I plan to engage with the local community to find opportunities for showing secondary school students the types of real-world problems which HCI research tackles, and hope to choose research problems that solve community problems through human-centered design. My mentorship training, research agenda, and service experience will help me contribute to ongoing diversity initiatives and develop new ones.