

At Northwestern University, I hold a joint appointment in the department of EECS and at the Segal Design Institute. Since my arrival at the University I have made a point of engaging in service at the departmental, school, and university levels, as well as engaging in professional service in my fields of research. Below is a summary of my service highlights at the university:

- **Supporting undergraduate CS.** I am committed to supporting the learning experiences of students in computer science in and out of the classroom at Northwestern. My efforts in this regard include (1) formally and informally advising 20–30 undergraduates in EECS each year on courses, internships, and careers; (2) working to improve the Northwestern CS undergraduate curriculum through active involvement as a member of the curriculum committee; (3) designing and creating a modern hackerspace in the sky-bridge between the Ford and Tech buildings by renovating the T-Lab; (4) serving as a judge and mentor at WildHacks, Chicago’s largest intercollegiate hackathon; and (5) collaborating with the Garage to run programs and make purchases that support undergraduate-driven innovation.
- **Building community through Design and HCI.** Northwestern hosts a vibrant community of students and faculty who are interested in Design and HCI, but many of whom are homed through different departments and schools and thus interact infrequently. To connect our community and promote opportunities for valuable discussions and collaboration, I have been (1) organizing the Segal Seminar Series to bring in a diverse set of distinguished researchers and design practitioners whose backgrounds are in Design, HCI, AI, Learning Science, Psychology, and Communications; (2) serving on the Segal Research Council and mentoring students through Segal Design Cluster meetings; (3) hosting Pair Research sessions, that connect Design-affiliated students and faculty across departments and schools to help each other with their respective projects and to discuss opportunities for collaboration; and (4) organizing and participating in events and online discussions with HCI students and faculty.
- **Supporting undergraduate research.** Research experiences, communication with faculty, and connections to real world problems can significantly increase student performance and retention, especially among women and underrepresented minority students. I have made supporting undergraduate research a priority by (1) developing the Design, Technology, and Research (DTR) program and hosting studio classes quarterly; DTR provides a scalable model for involving large numbers of undergraduates in research, is 40% female, and retains most students in research from the time they start to the time they graduate; (2) serving on the Undergraduate Research Grant (URG) committee and reviewing 65 independent research grant applications from students in the 2015–2016 academic year; (3) collaborating with Peter Civetta, the Director of the Undergraduate Research Program, to promote undergraduate research in Computer Science and Design; (4) supporting 23 students applying for URG funding, which accounts for over one third of the overall CS total in the past 6 years.
- **Recruiting students and faculty.** I take an active role in recruiting students and faculty to Northwestern. For student recruitment, I am in my third-year on the admissions committee for the Technology and Social Behavior (TSB) program. I actively promote the TSB program at conferences (e.g., CHI and HCOMP) and participate in on-campus events during visit weekends. For faculty recruitment, I served on the Theory search committee and played active roles in recruiting faculty during recent searches in Databases, Robotics, and for the joint position in CS+Education.
- **Serving on Qualifying Exam and Dissertation Committees.** I have served on the committees of the following students: Josh Hibschman (CS, chair), Mike Greenberg (TSB), Emily Harburg (TSB), Michael Lucas (CS), Prem Seetharaman (CS), and Yi Yang (CS).

Below is a summary of my service highlights in my professional communities:

- **Building community in crowd computing.** Over the years I have been working to build and connect an interdisciplinary research community around human computation and crowdsourcing. Toward this goal, I co-organized the Human Computation (HCOMP) workshop (2011, 2012), developed it into an AAAI conference (2013), chaired the Works-In-Progress and Demo track (2014), co-organized CrowdCamp (2014, 2015), mentored at the Doctoral Consortium (2014, 2015), co-chair the Doctoral Consortium (2016), and serve on the HCOMP steering committee (2014, 2015, 2016). In addition, I had served as an editor and advisor for FollowTheCrowd, a blog that has been chronicling research in crowd computing across disciplines.
- **Transforming academic conference scheduling for SIGCHI.** I led efforts to transform the conference scheduling process at ACM CHI and ACM CSCW. I led project Cobi, a system and process that engages an entire academic community to contribute to scheduling large conferences. Serving as Scheduling Chair, I worked to deploy Cobi at the largest HCI and social computing conferences (CHI 2013-2015, CSCW 2014-2015). Planning with Cobi, organizers who used to spend 100 hours on scheduling now spent only 5 hours. They resolved hundreds of previously hidden conflicts to produce schedules that better met the wishes, needs, and constraints of many community members. Cobi is now used as the de-facto process and tool for scheduling CHI.
- **Program Committees & Reviewing in HCI, Social and Crowd Computing, AI, and the Web.** As an interdisciplinary researcher, I have served as a program committee member and reviewer in numerous top conferences and journals in HCI (CHI, UIST, TOCHI), AI (AAAI, IJCAI, AAMAS, JAIR, AIJ, ML), Social and Crowd Computing (CSCW, HCOMP), and the Web (WWW). In the 2014–2015 academic year, I reviewed 100+ conference and journal articles in service to these communities.

Further details of my service activities are presented in my CV.