

Narrative Summary of Service

Service is an important way for faculty to give back to their community. I have had the opportunity to serve my community at the department, school, university, and professional level. While participation in these different service activities has necessitated significant time commitment, this experience has allowed me to gain a deeper understanding of the academic issues within the university and also appreciate the larger social concerns of our campus community.

Some of my specific service activities include:

1. Participating in six committees at school and university level that shape institutional policies and procedures.
2. Mentoring and advising students on senior projects, internships, and curriculum.
3. Expanding curriculum by developing new tracks.
4. Playing an active role in local community development activities.

At the department level, my services included: design and development of new tracks for our B.S. program, active participation in board meetings, presentation of seminars, advise senior projects, and provide academic student advising. A few years after I joined the department, I recommended that we modernize our curriculum and offer new tracks consistent with where the field was headed. Upon receiving enthusiastic approval from my colleagues, I initiated the design of the data analytics track, and over the last three years, I successfully created and launched three new courses integral to the track. Also, I have worked closely with my colleague, Dr. Ladd, to design a second track, one on Computer Security, including being responsible for developing a new elective. I worked with all of the curriculum and business affairs committees from the department to the university level to get these tracks approved and we are now awaiting final approval from SUNY.

As a part of our BS/BA program students must do a Capstone project (Senior project or internship) to graduate. I advised 13 students (55 credits) in the last six years towards this. Although these credits are on top of our full-time teaching load, it is very rewarding to see that these projects have led to students getting jobs and even a presentation at a recent prestigious international conference. With my academic advising role involving ~ 20 students, I am able to closely observe and aid the growth of my students and ensure their success. Recognizing the importance of this role especially during the pandemic, I have been very flexible with video conferencing meetings and availability outside of office hours.

I am invested in enhancing students' experiences during their university studies. That has meant, among other activities, active advising of the Association of Computing Machinery - Women (ACM-W) club. I attended all their meetings and events and took students to off-campus conferences. I closely worked with the students for the recent ACM NYCWIC conference and was thrilled to see them win a best poster award. While the pandemic put a stop to our club activities, I am now planning on restarting them. I also co-led a resume workshop for students with other faculty members to improve their job prospects.

I have been an active participant in all of our Board of Advisors meetings to ensure that our external advisors have a comprehensive understanding of our activities and can contribute to the growth of our program. Prior to the pandemic, I played a key role in leading the department's

participation in events such as open houses and Major Affairs to inform prospective students and attract those who are undecided in their major to our program.

At the school level I'm an active member of Arts and Sciences Curriculum Committee (ASCC) and Arts and Sciences Council (ASC). Through ASCC, I gained invaluable insight into the course offerings at our school while reviewing numerous course proposals. This experience helped me design a new data analytics track for our BS program and contribute to the development of another track focused on computer security. Membership in the Arts and Sciences Council (ASC) has allowed me to better understand the issues in the arts and sciences community, and to work collaboratively to find solutions.

At the University level, I serve or have served on the Faculty Senate since May 2019, as the chair of the Student Affairs committee (SAC), a member of the Faculty Executive committee, member of Academic Programs and Curriculum Committee (APCC), and member of the Business Affairs Committee (BAC). Through these committees, I have had the opportunity to contribute to shared governance at the University and address critical matters. A couple examples include: as Chair of the Student Affairs Committee, I collaborated with campus life and faculty volunteers to establish a buddy-voting system to support student voting during the 2020 elections; and On the recommendation of the Faculty Executive Committee, I worked with Dr. Grabowski to create an emergency communication service for the university community, with the first application for use in the 2020 elections.

The past few years have presented many challenges, including the pandemic, social unrest, and the university's challenging economic situation. My involvement in various committees has allowed me to witness the university community come together and work selflessly to address these challenges and further our efforts towards diversity, equity, and inclusion. One related effort was my role in aiding the Student Affairs Committee compile a report on available campus resources to address COVID-related health issues such as stress, anxiety, grief, and mental health among students.

At a professional level, my responsibilities have included: co-advising graduate students, serving as a reviewer for journal papers, and presenting and organizing workshops and seminars. I recently co-organized a 5-day international workshop on Sensors and Data Analytics at Clarkson University. I am dedicated to keeping our department up-to-date on the latest research activities and opportunities in the fields related to ML and Big Data by giving seminars in the department and also inviting external experts to make presentations.

At the community level, I am part of the advisory boards for two projects run by St Lawrence Health Systems and supported by the Patient-Centered Outcomes Research Institute (PCORI). I bring a patient's perspective to one project (PCORI-CTD-ILD: Connective Tissue Disease-Associated Interstitial Lung Disease) and serve as a stakeholder advisor on another (PCORI-DISRUPTS: Developing InfraStructure for Research to Utilize Patient-centered Techniques). Additionally, I assisted in organizing public health seminars for the St. Lawrence community, with the most recent seminar on "Vax vs Fiction" attracting a large turnout.

I also play an active role in the village community through my mentorship with the Friends of India Association (FIA). FIA connects students, staff, and community members with an interest in Indian culture and provides support to new students from India when they arrive in Potsdam. In my role as a mentor, I help with club organization and planning and play a key role in organizing FIA's annual Diwali event.

Overall, my involvement in various service activities has provided me with a more comprehensive understanding of the current challenges and opportunities within our community. These experiences have also allowed me to cultivate strong relationships with colleagues from across the campus and with my students. I eagerly anticipate the opportunity to further my service activities and to maintain a positive impact on the academic community.