

Student name: Mahdie Hasani

Academic level/academic standing: MS; Civil, Construction, and Environmental Engineering, SDSU

Thesis/dissertation title and status: Evaluation of Pedestrian and Bicycle Exposure and Crash Risk at Signalized Intersections in San Diego (Spring 2019)

Impact Statement: I joined the Smart Transportation Analytics Research (STAR) Lab at SDSU as a research assistant in August 2017. I had the opportunity to be involved in several transportation projects in the lab. My involvement with Safe-D projects allowed me to not only strengthen my knowledge on theoretical subjects but also learn to deal with real-world problems. My main project focused on improving pedestrian and bicyclists safety in the City of San Diego. I learned to conduct data manipulation using R software and apply machine learning techniques to real-world problems. In addition, I had the opportunity to attend a number of conferences which helped me improve my communication skills and grow my professional network.

Student name: Fnu Sirajum Munira*

Academic level/academic standing: PhD; Civil Engineering, TTI

Thesis/dissertation title and status: N/A

Impact Statement: The project took me through in-depth concept and knowledge about exposure and risk analysis for nonmotorized activity, and enabled me to translate my academic knowledge into a practical setting. I had the opportunity to gather hands-on experience on a particular safety analysis process, starting from data collection and screening to model building.

Student name: Kyuhyun Lee

Academic level/academic standing: MS, Urban Planning, TTI

Thesis/dissertation title and status: N/A

Impact Statement: The project helped me understand the issues that transportation research field has faced with (i.e., difficulties of acquiring adequate data for active modes of travel) and how emerging data sources can address the issues along with potentials and remaining challenges.

Student name: Christopher Johnathan Galan

Academic level/academic standing: MS, City Planning, SDSU

Thesis/dissertation title and status: N/A

Impact Statement: It was a great growing experience. I learned through this experience the power of collaboration on GIS projects and how much can be learned through working with a partner on a project. This project allowed me to understand how a wide variety of data and information can be combined into one singular, organized data set or excel file. Spatially joining information into a buffer data set allowed for the intersection data and the buffer data to be together. This project also helped me understand both the benefits and constraints of working on a project with a partner over a google drive account. Ultimately, I went into this job still not feeling fully confident in my GIS skills. However, now I feel like I have a much better understanding of the software, and I will go into any future job interview with much more confidence of my abilities. I also enjoyed this project because I am proud to say that I worked on such an important issue within the City of San Diego. Working on a project that can potentially work to make certain dangerous intersections safer, I see this experience as highly rewarding.

Student name: Chenlei Zhang

Academic level/academic standing: MS, Computer Science, SDSU

Thesis/dissertation title and status: N/A