

**Student name: Aman Sharma**

Academic level/academic standing: Masters Candidate

Thesis/dissertation title and status: N/A

Impact Statement: The project helped me in identifying the relationship between rut-hydroplaning and vehicle-related crashes. The research presented me with an opportunity to understand the factors behind rut-hydroplaning and the contribution of each factor in road accidents. Reviewing the literature on the lane-changing behavior of Autonomous and Connected Vehicle acquainted me with the novel methodology being developed around the globe to facilitate safe AV maneuvers in different traffic environments.

**Student name: Kenneth X. Vélez Rodríguez, MECE**

Academic level/academic standing: PhD Candidate (Civil Engineering)

Thesis/dissertation title and status: TBD

Impact Statement: This project helped me to develop a statistical method to estimate wet crashes using crash data, as well identify the factors that influence wet crashes. Furthermore, was able to understand that even when there are no wet crashes reported there is still a potential for hydroplaning. This unique method developed to estimate wet crashes will provide DOTs with and enhance method to assess the risk of wet crashes and will help with the national goal of reducing crashes. Through the project I was also able to investigate hydroplaning concepts and the relationship with the vehicle dynamics, pavement, and road characteristics.