

Student name: Alexandria M Noble

Academic level/academic standing: PhD Candidate

Thesis/dissertation title and status: TBD/ in progress?

Impact Statement: Allowed for observation of driver behavior with advanced vehicle technologies in a closed test track utilizing two training protocols. Provided valuable experience in human subjects research and protocol development as well as data analysis techniques.

Student name: Ashley Shortz

Academic level/academic standing: DrPH in Occupational Health

Thesis/dissertation title and status: Fatigue Risk Assessment and Management in High-Risk Environments

Impact Statement: The experience allowed Ashley to learn and interface with driving simulations, develop new competencies on training methods, and apply existing neuroimaging skill sets to assess differences in effectiveness of training paradigms associated with learning ADAS features.

Student name: Alidad Ahmadi

Academic level/academic standing: Graduate - Master of Transportation

Thesis/dissertation title and status: "Examination of drivers' performance using a personalized adaptive curve speed warning: a driving simulator study", Graduation Date: Fall 2017

Impact Statement: "The project helped me to develop a better understanding of requirement needed to safely and securely deploy Automated Vehicles in the real world. It also enriched my knowledge on the human factors, computer factors, and the interaction between two that defines the levels of automation. I also learned about writing taxonomies, creating flowcharts, and developing guidelines that help general AV users to recognize their responsibilities and duties when operating an automated vehicle. Last but not least, the project contributed significantly to my research and technical writing skills."