

Student name: Alexis Basantis

Academic level/academic standing: Graduate – Master’s of Science, Bioengineering and Biomedical Engineering

Thesis/dissertation title and status: Assessing Alternate Approaches for Conveying Automated Vehicle "Intentions" (Published)

Impact Statement: Working on the SPE project allowed me to take on a project leadership role and be heavily involved in the entire timeline of the project. I was able to learn how to develop safe scenarios for highly dynamic vehicle testing and how to appropriately report and communicate test findings to vehicle-specific researchers and the broader scientific community. Not only was I able to present multiple posters about the project and give podium talks at conferences, the project also resulted in my first, first-author publication! In addition, working on the project laid fundamental groundwork and allowed me to acquire essential skills that were critical towards the execution and completion of my Master's thesis work.

Student name: Craig Fedor

Academic level/academic standing: Undergraduate

Thesis/dissertation title and status: N/A

Impact Statement: Working as a graduate student on the SPE project gave me fantastic experience in an area I had little exposure to during my college classes - developing tests to evaluate systems in real-world situations while still collecting repeatable and useful data. The hands-on approach that VTTI takes gave us the freedom to develop experiments, conduct trials, and reconvene and make adjustments as needed. The most beneficial part of participating in this project as a student was working alongside the full-time researchers at VTTI. The team members I collaborated with on this project gave insightful suggestions and helpful guidance while still allowing us to investigate and develop strategies independently. We were all working on the same-level, achieving the same goal!