UTC Project Information	
Project Title	Examining Senior Drivers' Adaptation to Mixed-Level Automated Vehicles: A Naturalistic Approach Phase II Analysis of the Naturalistic Driving Data
University	Virginia Tech
Principal Investigator	Jon Antin, Ph.D., CHFP
PI Contact Information	Office: 540 231-1579 | Mobile: 713 231-6451 | Fax: 847 557-1307 | jantin@vt.edu | www.vtti.vt.edu
Funding Source(s) and Amounts Provided (by each agency or organization)	• Safe-D UTC (Federal): $83,955 • Match (VT Labor): $39,331 • Match (NSTSCE): $45,000
Total Project Cost	$275,263
Agency ID or Contract Number	Grant No: 69A3551747115 Project: 04-103
Start and End Dates	3/1/18-2/28/19
Brief Description of Research Project	This effort examines senior drivers' adaptation to vehicles with mixed function automation analyzing naturalistic data collected from 24 drivers aged 70-79 driving one of eight vehicles with mixed level automation for a period of 5 weeks. Comparisons will be made with VCC Elite data and SHRP 2 data from participants aged 70-79.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	1) IRB protocol was approved February 25, 2019. 2) Educational and Workforce Development: This project will enrich Dan's coursework in a variety of ways. It will afford her the opportunity to gain hands-on experience analyzing naturalistic driving data. It will afford her the opportunity to work with and better understand the problems that can emerge as drivers interact with these novel technologies. This project will enrich her ability to compare data collected across multiple studies. All of this will provide data suitable for Dan to use for her dissertation research. 3) Technology transfer: The outputs from this study may be helpful to OEM and governmental stakeholders in developing guidelines or best practices in terms of AV technology transfer to this ever-growing and ever-evolving subset of our population.
Impacts/Benefits of Implementation (actual, not anticipated)	The outputs from this study may be helpful to OEM and governmental stakeholders in developing guidelines or best practices in terms of AV technology transfer to this ever-growing and ever-evolving subset of our population.

Web Links • Reports • Project website	https://www.vtti.vt.edu/utc/safe-d/index.php/projects/examining-senior-drivers-adaptation-to-mixed-level-automated-vehicles-a-naturalistic-approach-phase-ii-analysis-of-the-naturalistic-driving-data/