


Project Title – A Naturalistic Driving Study across the Lifespan
University – University of Florida
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Funding Source(s) and Amounts Provided (by each agency or organization)
Total Project Cost – \$250,142
Agency ID or Contract Number – 2012-095S
Start and End Dates – 7/1/12–12/31/14
Brief Description of Research Project - This project aims to investigate the complexities surrounding driving in two high risk age groups—younger (16-19) and older (65+) adults—with the use of naturalistic driving technologies. Risk factors will be examined and are anticipated to be different across the groups.
Describe Implementation of Research Outcomes (or why not implemented) - Overall, due to limitations with the device developed to collect naturalistic data, the results should be interpreted with great caution. Results indicated a general lack of association between self-reported and objective data, with one exception: there was a significant relationship between self-reported and objectively measured interaction with cell phones. Several possible demographic, cognitive, sensory, and physical predictors of driving emerged for the sample, with different predictors for older adults and teens. Qualitative data suggested that participants were satisfied with the N-DAD overall and see its utility for other’s to review their driving behavior, particularly if incentives were involved (e.g., discount on car insurance).
Place Any Photos Here


The far left photo shows a front aspect photo of the final N-DAD device. The center photo shows the mounting device used to secure the N-DAD devices onto participants' car windshields. The far right photo shows the positioning of the smartphone within the housing.

Impact/Benefits of Implementation (actual, not anticipated) – The project involved the development of a new tool to collect naturalistic driving data that unlike other approaches could easily be implemented in participants' vehicles in a relatively inexpensive manner and with minimal obtrusion to drivers (i.e., not hard wired into the vehicle).

The study was also featured on the public radio broadcast "Public Health Minute" with William Latimer:

<https://soundcloud.com/search?q=teen%20driving%20Despina%20Stravinos>

Final Report on STRIDE Website:

http://www.stride.ce.ufl.edu/uploads/docs/Stavinos_Ross_STRIDE_Final_Report.pdf

Final Report on TRB/TRID: <https://trid.trb.org/view/2014/M/1343109>