

**NEW ENGLAND TRANSPORTATION CONSORTIUM
QUARTERLY PROJECT PROGRESS REPORT - JULY 2017**

A. PROJECT NUMBER AND TITLE: NETC 15-2: *“Using the new SHRP2 Naturalistic Driving Study Safety Databases to Examine Safety Concerns for Teens and Older Drivers”*

B. PRINCIPAL INVESTIGATOR(s) & UNIVERSITY(s):

Principal Investigator: Siby Samuel Ph.D., University of Massachusetts Amherst

Co-Investigators: Michael Knodler Ph.D., & Song Gao Ph.D., University of Massachusetts Amherst

C. WEB SITE ADDRESS (If one exists): *http://www.ecs.umass.edu/hpl/*

D. START DATE (Per NETC Agreement): 01/01/2017

E. END DATE (Per NETC Agreement): 12/31/2018

F. ANTICIPATED COMPLETION DATE: 12/31/2018

If different from the END DATE in paragraph E., the reason must be given. It is the responsibility of the Principal Investigator to ensure that the project, including review of the draft report by the Project Technical Committee and the printing of the Final Report, is completed prior to the Agreement End Date. Costs incurred after the Agreement End Date cannot be reimbursed. Requests for extensions of the Agreement End Date must contain the reasons for the request and be submitted so as to arrive in the Coordinator’s office at least 90 days prior to the Agreement End Date.

G. PROJECT OBJECTIVES:

To examine SHRP2 NDS and identify primary concerns with older driver safety when navigating left turns at permissive and protected signalized intersections.

H. REPORT PERIOD:

April 1st to June 30th, 2017

I. ACCOMPLISHMENTS THIS PERIOD:

- Held Meetings with the Technical Committee.
- Team has conducted preliminary querying of Insight database to identify the specific nature of the quantity and quality of data available for analyses.
- Data Security plan has been completed.
- Data Management plan has been identified as well.

J. PROBLEMS ENCOUNTERED (If any): *If the project is behind schedule, a detailed description of why must be included in this quarterly report.*

No significant problems.

K. TECHNOLOGY TRANSFER ACTIVITIES: *List any reports, papers, presentations published/presented during the report period or anticipated for the next quarter.*

L. STATUS BY TASK: *Show Work Task Number, description and % complete for each task including those completed, those underway, and those not started.*

- Task 1 Complete

M. PERCENT COMPLETION OF TOTAL PROJECT:

Approximately 15 % of the project may be deemed complete.

N. ACTIVITIES PLANNED FOR NEXT QUARTER:

The following activities are planned for the next quarter: -

- Two additional meetings for next quarter will be scheduled.
- Acquire requested data from the SHRP2 database
- Acquire corresponding data from the RID database
- Complete any additional Institutional Review Board requirements for compliance purposes.
- Conduct additional data mining and data reduction to the acquired data
- Perform initial data analyses on the naturalistic study data to address study objectives in Task 2.

O. FINANCIAL STATUS:

As of: June 30th, 2017

Total Project Budget: \$ 150,000

Total Expenditures: \$ 15,000

The award was set up in the University of Massachusetts Amherst accounting system towards the end of March 2017.

Expenses have been invoiced for salary towards the project PI and key personnel Tracy Zafian.

Additionally, an amount of 750 dollars was invoiced towards the RID data.

Note: This report should not require more than 2-3 pages & should be e-mailed to the NETC Coordinator so as to arrive no later than fifteen (15) working days after the end of each calendar quarter.