

UNC Chapel Hill

Research Project: A comparison of rollovers with non-rollovers an analysis of injury severity in large truck crashes

August 1999 - January 2000

New:

Ongoing: X

Completed:

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SEED GRANT

Objective: To understand and quantify the impacts of (1) vehicle (tractor-trailer vs. single-unit truck), roadway/environment and collision factors on tripped and untripped rollovers, and (2) the effect of rollovers and driver, vehicle, roadway/environmental factors on the whole spectrum of the injury severity

Task 1: Literature search and hypotheses

100% Complete

Task 2: Data acquisition and preparation

100% Complete. North Carolina Highway Safety Information System crash and inventory data was acquired for years 1996-1999.

Task 3: Data analysis of crashes

90% complete. We have done descriptive analysis and modeling. We need to finalize the models.

Task 4: Wrap-up and conclusions

70% complete. We are in the process of wrap-up.

Task 5: Write final report

50% complete. We have written portions of the report, but we need to write the results in greater detail and draw conclusions.

We have requested a no-cost extension on this seed grant.