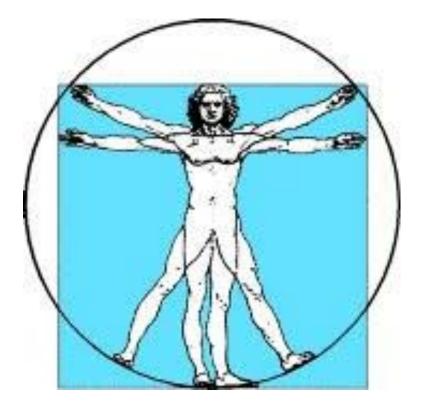
# **OCCUPANT AND VEHICULAR RESPONSES TO LOW SPEED COLLISIONS**



## **Acknowledgement:**

The team would like to thank Cummings Scientific, LLC for their sponsorship of this project. Specifically, Team 2 would like to acknowledge Mr. Beau Biller, the project liaison engineer, for his dedication to the success of the project.

Team 2 additionally extends thanks to Dr. Shayne McConomy for his guidance as a course instructor and as the project's faculty advisor.

### **Spring Semester Plan:**

February:

-Live crash testing



March.

April:

-Fabrication of

**Concept Selection:** 

**Method:** -Pugh Charts for each component driven by functions and target -Shown in Figures 1 and 2 Selected concept: -Interchangeable connectors for mounting different bumper types -Slotted middle piece that allows for width adjustment

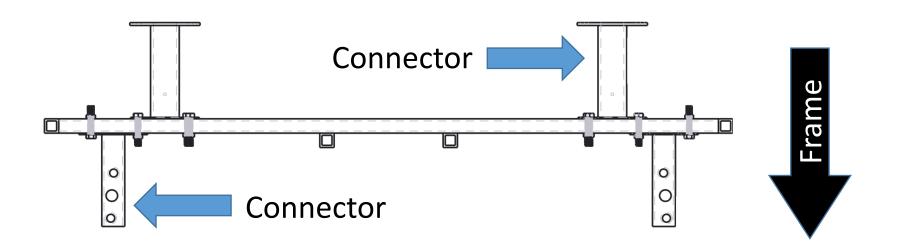
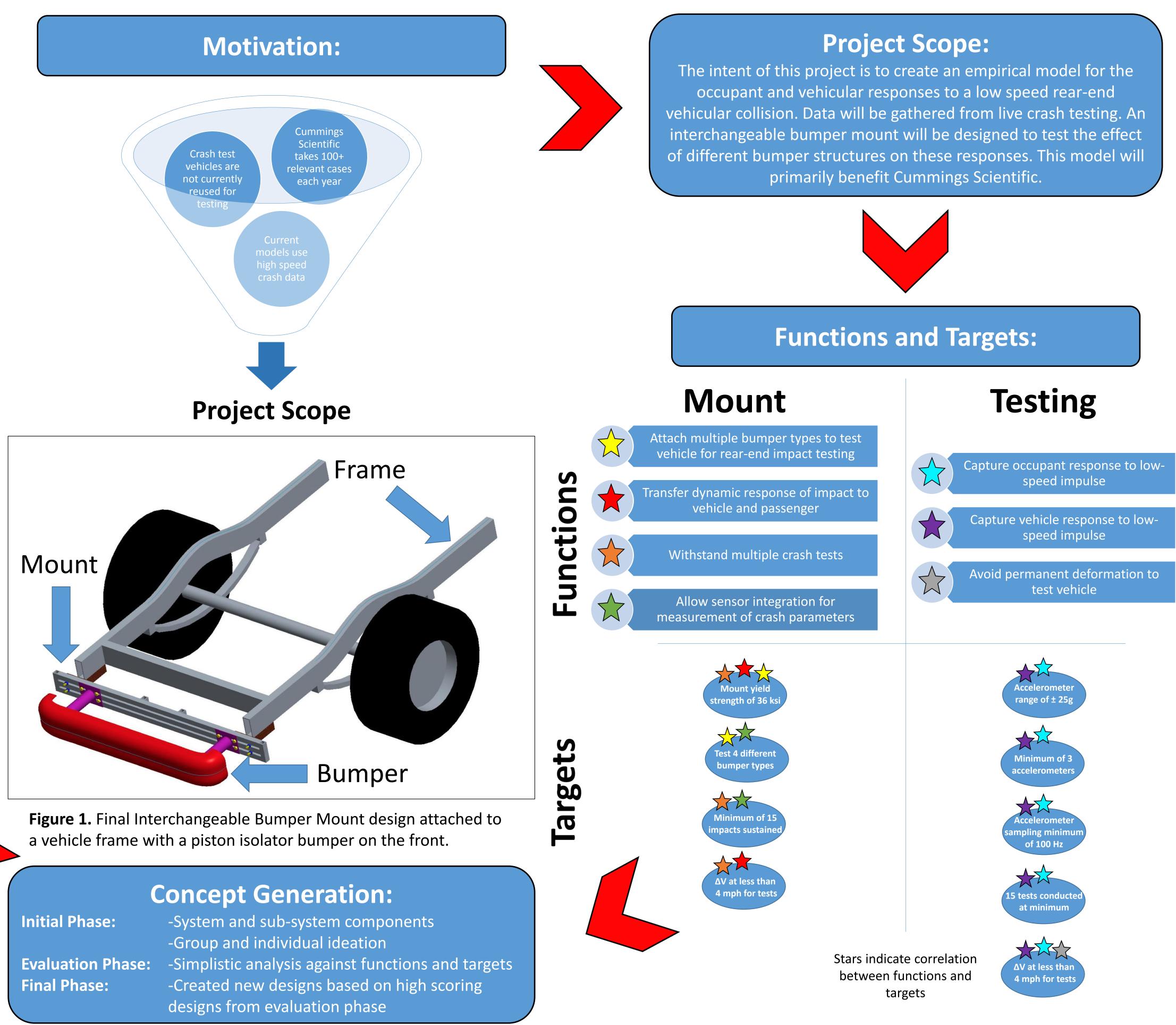


Figure 2. Final Interchangeable Bumper Mount Design







## FAMU-FSU COLLEGE OF ENGINEERING MECHANICAL ENGINEERING



Faculty Advisor: Dr. Shayne McConomy

Project Sponsor: Cummings Scientific, LLC.

Team Members: J. Dunne; W. Smith; D. Tinsley; C. Walker; O. Yeung