



Other existing TLEF-funded projects currently held by the Principal Applicant: N/A

Project Title: UBC Aero Design

Project Summary *(150 words maximum)*

The annual Society of Automotive Engineers (SAE) Aero Design Series competitions pits student teams from across the world against each other to design, fabricate and fly a remote-controlled aircraft with the heaviest cargo weight. Each competition within the series challenges students to innovate by utilizing a range of engineering skills to deliver an aircraft that adheres to competition safety standards and design requirements. Other deliverables include a written technical report and oral presentation. The UBC Aero Design team is aiming to exploit increased membership this year to improve on our 8th place performance in the regular-class event at the last SAE Aero Design West competition of the series, perpetuating UBC's and the team's tradition of excellence in engineering and design. The increased membership numbers also allows the team to explore future expansion in competing in the micro-class event of the competition.