



Undergraduate Research Fellowship Proposal

Project Title: _____

School/Research Organization: _____

Undergraduate Applicant: _____

Expected Degree: _____

Level in School: _____

Expected Graduation Date: _____

Faculty Sponsor: _____

Mailing Address: _____

Phone: _____

Email: _____

Background/ State of Current knowledge

The applicant should demonstrate some understanding of the current state of practice for the subject they want to research. This is accomplished in the application by briefly describing the current state of knowledge and providing any relevant background on the topic. Enough detail should be provided so that the bounds of the topic are understood, but an in-depth literature review is not required. A paragraph or two should be adequate for this section.

Goals and Objectives of the Research

The goals and objectives of the research need to be clearly stated. The applicant should demonstrate an understanding of the 'big picture' and also objectives they will support in their undergraduate research program. The goals should be measurable and achievable in the timeframe specified. A paragraph or two should be adequate for this section.

Description of the work

A clear and concise description of the planned work the applicant will complete with the funding shall be provided. This could be laboratory testing, analysis models, design work, etc. that the applicant will perform. The work description should be the processes required to meet the goals and objectives noted previously. The description of the work to be performed can be covered in one paragraph.

Potential benefit(s) to undergraduate applicant

It is important to highlight what the potential benefits to the applicant will be by participating in the program. Benefits could include positive impacts to the undergraduate experience and potential benefits to the applicant in their future career. This section should be no longer than a paragraph or two.

Potential benefit(s) to the Structural Steel Design and Construction Community

An overarching goal of this program is to provide some tangible benefits to the structural steel design and construction community. The applicant should be able to tie the work they are planning to do to some bigger picture benefits to the steel community. This section should be no longer than a paragraph.

Project Deliverable

Provide a description of what the contents of the final deliverable will encompass. For example, will a physical test be conducted and an interpretation of the results discussed or is analytical modeling going to be done and modeling results shared. Another potential outcome may be a design tool or piece of software. At a minimum upon conclusion of the project, a report is required describing the work performed and outcomes of the work. This section should be no longer than a paragraph.