

# Donald F. Adams Distinguished Undergraduate Research Fellowship

## **OVERVIEW**

The goal of this fellowship is to enable high-achieving undergraduate students in Mechanical Engineering to participate in a significant undergraduate research experience under the mentorship of one of our mechanical engineering faculty and allow students to present and promote their research.

The Donald F. Adams Distinguished Undergraduate Research Fellowship is made possible by the generosity of the late Dr. Don Adams, a former professor in the Mechanical Engineering Department for 27 years where he formed and served as Director of the Composites Materials Research Group.

## **ELIGIBILITY**

This fellowship is open to mechanical engineering undergraduate students working for faculty advisors in Mechanical Engineering. Preference will be given to students having completed their junior year but it is open to all mechanical engineering undergraduates.

## **APPLICATION REQUIREMENTS**

Applications are due on March 31, 2025 and must include:

- 1) Research proposal (including a budget) – to be developed in collaboration with your advisor
- 2) Letter of support from research advisor. Letters must come directly from the advisor and should be submitted via email to Amy Reed at areed26@uwyo.edu

The research proposal must be submitted via email to areed26@uwyo.edu by the deadline.

Proposal Document: Please be sure that your proposal is a single file (PDF or Word Document) with a clear title that includes your last name

### ***Proposal Formatting***

- 12 pt Times New Roman or similar font
- Minimum of 1-inch margins on all sides
- Single-spacing
- Numbered pages

### ***Proposal Sections***

1. Title Page (1 page) – proposal title, student name, advisor name.

2. Abstract (1 page, 300 words or less) – the Abstract should give a brief description of the research, goals, and relevance of the research written in non-technical language for a general audience.
3. Body of Proposal / Project Narrative (3 pages) – Not to exceed three pages, including figures, tables, and references. Write for a general audience – avoid jargon and other technical terms not commonly known. Include the following section headers at a minimum:
  - a. Description of Proposed Research
  - b. Roles and Responsibilities of the Student
  - c. Timeline – Include the anticipated start date, anticipated dates for major milestones in the project, and expected completion date.
  - d. References
4. Budget Summary & Narrative (not included in page count):

Undergraduate fellowships are limited to \$8,000, to be used for hourly wages (at a rate of \$20.00/hour). An additional \$1000<sup>1</sup> for supplies, other research expenses, and travel is also permitted. Clearly state your total request, what the funding will be used for (including amounts), and justify any non-salary expenses.

## **PROJECT REQUIREMENTS**

Upon completion of the research fellowship, all research fellows are expected to:

- 1) Submit 1-2 minute video presentation of the highlights of their research project.
- 2) Work with the department to schedule time to talk with other undergraduate students in the department (perhaps in one of their courses) about their research experience.

---

<sup>1</sup> If necessary, the \$1000 for travel may be expended at an appropriate time during the year AFTER the research has been completed.