The purpose of the Dean’s Research Award Program is to allow undergraduate students with superior academic records to work closely with an academic staff member on an ongoing research project. Students will be exposed to novel and exciting research projects in Mechanical Engineering. Participation in the program provides training and development in research methodology, abstract and/or manuscript preparation, and oral presentation delivery. The duration of the project is typically one term, and students should be prepared to spend the equivalent of a half day per week on the project. The student may renew the award in subsequent terms, if desired.

At the end of the project, students are required to prepare a one-page abstract and deliver a 10-minute presentation on their research work. Each participating student receives $500 from the Dean and Faculty of Engineering at the end of the program.

Recent Projects

Some recent Dean’s Research Award projects include:

- Soft Tissue Testing System Calibration and Pilot Study
- Calibration of Orthodontic Torque Measuring Device
- A Helicopter Testbed for Autonomous Controller Evaluation
- Application of Hydrophobic Surfaces for Aircraft
- Thermal-sprayed Deposition of Yttria-stabilized Zirconia Electrolytes for Planar Solid Oxide Fuel Cells
Am I eligible?

Eligibility requirements include the following:

▫ The applicant must be registered in a bachelor’s degree program in the Faculty of Engineering; and

▫ The applicant must have obtained (in the previous term of study) a GPA of no less than 3.2.

How do I apply?

Step One:
Speak with a professor regarding potential projects. Information on all Mechanical Engineering professors and their research interests can be found at:
www.uofaweb.ualberta.ca/mece/nav02.cfm?nav02=29187&nav01=24236

Step Two:
Complete and submit the Dean’s Research Award Application (see below). Completion of the application requires a brief description of the research project and signature of the Department Chairman. The completed form should be submitted to the Undergraduate Student Services Assistant in the Room 4-9. Soft copies of the form are typically sent to eligible students by the Dean’s Office in September and January.
# Dean's Research Award Application

<table>
<thead>
<tr>
<th>Student's Name:</th>
<th>Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID #:</td>
<td>City, Province:</td>
</tr>
<tr>
<td>Last Session's GPA: (3.2 min.)</td>
<td>Postal Code:</td>
</tr>
<tr>
<td>Year in Program:</td>
<td>E-mail address:</td>
</tr>
<tr>
<td></td>
<td>Phone #:</td>
</tr>
<tr>
<td></td>
<td>S.I.N. #:</td>
</tr>
<tr>
<td></td>
<td>Date of Birth: m / d / y</td>
</tr>
</tbody>
</table>

**Department:** Mechanical

**Traditional**  ☑  **Co-op**  ☑

**Supervisor:**

**Phone:**

**Expected Date of Completion:**

- ☑ End of FIRST term
- ☑ End of SECOND term

**Student's Immigration Status:**

- ☑ Canadian Citizen / Permanent Resident
- ☑ Visiting Student

**Title of Research Project:**

**Brief Description of Research Project:**

**Department Chair's Signature:** ____________________________

**Date:** ____________________________