AEROSPACE ENGINEERING
ENGINEERING

SUMMER RESEARCH OPPORTUNITIES FOR UNDERGRADUATE WOMEN

APPLICATION DEADLINE: 03/01/2019

PROJECT TITLE: Maple Seed Inspired Controlled Decelerator

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Project Description

A Maple Seed inspired design can replace parachutes as a decelerator, and be controlled. A maple seed can be interpreted as a wind turbine, and with that understanding can lead to novel applications.

The student will expand on the work of application of the maple seed as a decelerator, and its control.

The student will learn about design, control, Intellectual Property, and perform tests of the devices. No special experience is necessary.