

**Department of Biological Sciences
COLLEGE OF ARTS & SCIENCES**

**SUMMER RESEARCH OPPORTUNITIES
FOR UNDERGRADUATE WOMEN**

APPLICATION DEADLINE: March 1, 2010

The Department of Biological Sciences is pleased to offer the following research project for the summer of 2010. Interested students are urged to contact the faculty member(s) directing the project that most interests them. By contacting the faculty member, you can discover more about the project, learn what your responsibilities will be and, if possible, develop a timetable for the twelve-week research period.

**PROJECT TITLE: OVIPOSITION SITE SELECTION AND THE AVOIDANCE OF
CANNIBALISM**

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Project Description

Where to place eggs is a crucial decision affecting the fitness of herbivorous insects. For most species, eggs are placed on or near larval host plants. Research in my lab focuses on the Rocky Mountain Apollo butterfly, a species that is an exception to this “rule”. The research project will test the hypothesis that butterflies do not lay their eggs on host plants to avoid cannibalism by larvae. The project will take place in the Canadian Rocky Mountains. Participants must be prepared to conduct research in physically demanding field conditions.

