



## Graduate Students

# Mayhew Graduate Research Award for Boyd Deep Canyon

2017

Research awards are available for graduate students conducting research at Boyd Deep Canyon Desert Research Center. The competition is open to any graduate student enrolled in any accredited college or university. However preference for awards will be to those enrolled at the University of California, and California State University system.

Information and application forms are attached. Boyd Deep Canyon is a gateway reserve and research projects that are centered at the reserve, but conducted off-site will be considered.

Graduate students should submit their applications to Dr. Allan Muth by April 15, 2017, for review by the selection panel. The review criteria are attached. Awards will be announced by May 1, 2017. We anticipate making one or more awards that total a maximum of \$4,200. Submit applications and supporting materials electronically.

Deadline for submission of the application  
and all supporting material is

**April 15, 2017**

For further information about Boyd Deep Canyon, please visit:

<http://deepcanyon.ucnrs.org>

Dr. Allan Muth (allan.muth@ucr.edu)  
(951) 827-3655

**University of California  
Boyd Deep Canyon Desert Research Center**

**2017**

**Mayhew Graduate Research Award**

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Wilbur Mayhew was a Professor of Zoology at UC Riverside, highly regarded for his work on desert wildlife and for protecting natural lands. He was a founding member of the UCR faculty when the campus opened in 1954 and he retired from formal teaching and research in 1989. During his 35-year career at UCR, he touched the lives of over 5,600 students, and his field classes introduced thousands to the natural world. In the early 1960s – with vision and foresight – Bill Mayhew, along with Ken Norris of UC Santa Cruz and Mildred Mathias of UC Los Angeles, foresaw the urbanization of California and led the way to establishing the UC Natural Reserve System. Since 1965, the UC Natural Reserve System has grown to 39 reserves, forever protecting and conserving natural areas throughout the state for research, teaching, and public service.

**Purpose and use of Mayhew Graduate Research Award for Boyd Deep Canyon**

- The Mayhew Graduate Research Award at Boyd Deep Canyon Desert Research Center (“Reserve”) is open to any graduate student interested in conducting research or studies at the Reserve. Preference is given to those enrolled in the University of California and California State University system, but the award is open to those enrolled at any accredited educational institution. UC Natural Reserve System facilities and study sites are available to students from the natural and social sciences, humanities, and engineering. All are encouraged to apply. Award recipients must be enrolled at their college or university while conducting their research. In the case of summer research, enrollment during the preceding spring quarter or semester is acceptable proof of intent to enroll in the fall.
- The award is intended to support field research at, or based out of, Boyd Deep Canyon Desert Research Center. Budget requests may include Reserve user fees; ground travel expenses to, from, and at the Reserve; and non-inventorial equipment and necessary supplies. Non-allowable budget items include air travel, food, expenses for inventorial equipment and supplies, and campus-based activities. Approved expenses will be paid either directly by the Reserve (user fees), or on a reimbursement basis in accordance with UCR policies (travel and other).
- Applicants may be part of a faculty member’s research project or team, but the student’s project should be independent from that of the senior research worker. Awardees are expected to produce a paper or final report, or present their findings in a suitable forum approved by the Reserve Director by September 30, 2018.

## Application Procedure

- Applicants should complete the attached Application Form and submit it to the Reserve director by April 15, 2017.
- Applications should be accompanied by the following three attachments:
  - References cited
  - A letter from the supervising faculty member indicating his/her support of the proposed research, its merits for funding by Boyd Deep Canyon, and the ability of the student to conduct the research and meet established deadlines.
  - A copy of current curriculum vitae for the student applicant (two-page maximum).

**Important! The application should be submitted as a single .pdf file containing the completed application form, the three attachments listed above, and the research description. However, the faculty supporting letter may be submitted as a separate confidential email if the advisor prefers.**

The Reserve director, in consultation with a review panel, will make final awards decisions by May 1, 2017.

Successful applicants must submit copies of any appropriate collecting permits and animal care committee approvals before awards will be disbursed.

It is expected that funds will be used by June 30, 2018, but in the event of exceptional circumstances award funds may be carried forward upon request and with the expressed prior approval of the Reserve director.

Awardees must submit a progress report to the Reserve director by December 31, 2017, and a final report by September 30, 2018. Applicants will be disqualified from a time extension of the award and future use of Boyd Deep Canyon if they do not comply with these requirements.

## Evaluation Criteria

The review panel shall use the following criteria to evaluate Mayhew Award proposals:

### Primary Criteria

1. Merit of the proposed research: Evaluation of research quality will be based on the importance of the problem, originality, statement of research questions or hypothesis, sampling design and analysis, any preliminary data supporting the feasibility of the proposed research, and likelihood of success.

2. Reserve dependence: Research must take place on the Boyd Deep Canyon Desert Research Center or sites within commuting distance of the Reserve. Higher scores will be assigned for research that takes advantage of special Reserve conditions, such as a history of related research, occurrence of unique/special conditions or resources.



**University of California**

**Boyd Deep Canyon Desert Research Center**

**2017**

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**APPLICATION FORM (Due April 15, 2017)**

**INSTRUCTIONS:** To maintain an efficient and equitable review process, applicants must provide all requested information within the spaces provided. Type font should be no smaller than 10 point. Applications not adhering to these guidelines will be rejected. Applications should be submitted to the Reserve director by email ([allan.muth@ucr.edu](mailto:allan.muth@ucr.edu)).

Awards will be announced by May 1, 2017.

**APPLICANT(S) INFORMATION**

Name:

Mailing address:

Campus academic department:

Daytime phone number:

E-mail address:

Advisor:

Advisor's E-mail address:

**RESEARCH DESCRIPTION** (Be clear, concise and complete. Please explain and justify the research to the review panel.)

Title of research project:

Sites(s) where research will be conducted:

Purpose of research project:

How is the reserve important to the study?



List all sources of funding for this project, including grants pending or awarded to you or your supervising faculty member, and state how this grant will supplement these other sources.

Budget explanation: requested items whose justifications are not obvious.

**ATTACH:**

1. Research description.
2. References cited.
3. Letter from supervising faculty.
4. Current curriculum vitae.