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| Joshua Tree National ParkScience Research Grant Program:Marian Huff Tremblay Science Scholarship*2024 Application Form* |

**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 may be rejected. Applications should be submitted in PDF by email to the Grant Coordinator (JTresearchgrant@joshuatree.org) by **January 15th, 2024.** Applicants will receive a confirmation email indicating the completion of their submission shortly thereafter. Complete applications will be reviewed and ranked by a selection committee. Awards will be announced no later than March 1st, 2024.

A complete application includes the following items:

1. A completed application form

2. Your current curriculum vitae

3. References cited within the proposal description

4. Any diagrams or figures referenced within the proposal

5. A letter of confidence from your faculty advisor (This letter must demonstrate an understanding of the research proposal and serves as a professional reference).

Items 1 through 4 must be sent electronically in PDF format to the Grant Coordinator at: JTresearchgrant@joshuatree.org. Item 5 must be sent directly from the faculty member, either electronically or to the following address prior to **January 15th, 2024**:

Joshua Tree National Park Science Research Grant Program

ATTN: Tasha La Doux, Vegetation Branch (SRS)

RE: Applicant Name

74485 National Park Drive

Twentynine Palms, CA 92277

Please keep in mind that a separate research permit must be obtained from Joshua Tree National Park prior to starting your research. It is recommended that you allow a minimum of 30 days to receive this permit, to learn more go to: https://www.nps.gov/jotr/learn/nature/research\_permits.htm.

**APPLICANT INFORMATION**

**Name:**

**Mailing address:**

**Daytime phone number:**

**E-mail address:**

**Academic Institution, Department, and degree program:**

**Faculty Advisor(s) and Institution (if different from your own):**

**Title of Proposed Research Project:**

**PROPOSAL DESCRIPTION:**  Be clear, concise, and complete. Keep in mind that the Selection Committee will include several people of various backgrounds and expertise. It is important to justify your research in the context of its potential relevance to resource management at Joshua Tree National Park. Consider the selection criteria listed below in describing your proposal. Be sure to include research objectives, hypotheses (if so stated), experimental design, methods, and anticipated significance (as applicable). Limit text description to the space provided on pages 2 thru 5. Diagrams, figures, and literature cited should be attached to the end of the application form.

**PROPOSAL DESCRIPTION (continued)**

**PROPOSAL DESCRIPTION (continued)**

**PROPOSAL DESCRIPTION (continued)**

**PROPOSAL SCHEDULE**

(Include field work, analysis, and projected accomplishment dates of grant program requirements. Project must be completed within 24 months of award).

**BUDGET INFORMATION**

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| **List the items for which support is requested, the cost, and the total amount requested (add lines, as necessary).** The grant is intended to assist students with field study expenses and data analysis, including travel, field supplies, and research equipment. Award amounts are up to $5,000\*. Allowable categories: field and lab supplies, minor equipment, actual cost of food and travel to/from the Park, computer support, access costs to special analytical equipment, etc. Non-allowable categories include Park entrance fees, salaries/stipends, school fees/tuition, publication costs, books for courses, and purchase of computer equipment. Awardees can have free lodging at the Park’s field station ([Dr. Luckie Study Center](https://www.nps.gov/jotr/learn/nature/dr-luckie-study-center.htm)) or access to campgrounds (availability is not guaranteed, so book early). Free Park entrance will be granted with an approved Research Permit.  |
| **Category** | **Description** |  | **Cost** |
| **Supplies and minor equipment (itemize)**  | $ |  |
|  |  |  |  |
|  |  |  |  |
| **Fees associated with sampling or analysis (itemize)**  | $ |  |
|   |   |  |  |
|  |  |  |  |
| **Travel (to & from park)** | $ |  |
|   |  |  |  |
|  |  |  |  |
| **Lodging & Meals**  | $ |  |
|  |  |  |  |
|  |  |  |  |
| **Other (itemize)** | $ |  |
|   |  |  |  |
|  |  |  |  |
|  | *Total request:* | $ |  |
|  |  |  |  |
| **List all sources of other funding for this project (include grants pending or awarded to you or your supervising faculty member and state how this grant will supplement these other sources).**  **Budget explanation (present a brief but convincing argument for any requested items whose justifications are not obvious, e.g., lodging)**. |

\*Exceptions to the $5,000 maximum can be considered; examples might include projects that are exceptionally aligned with park goals or situations where partial funding makes the project unattainable. Please contact the Grant Coordinator (jtresearchgrant@joshuatree.org) to discuss this possibility.

**Your proposal will be ranked using the following guidelines:**

**Criterion 1: Scientific Merit, Problem Definition, Feasibility, and Quality of Presentation (10 Points):**

Does the applicant express the research question in a way that demonstrates an understanding of the topic as well as the proposed methods or techniques? To what extent will this proposal make progress towards answering the research question? Is the problem well defined and adequate background information provided? Is the proposed timeframe and budget adequate for completing the scope of work? Are the hypotheses clearly stated and are the proposed methods and experimental design appropriate for use in answering the research question?

**Criterion 2: Application to preserving Natural, Cultural, and Social Resources (5 Points):**

In what way can the results or information provided by this research be used to protect fundamental desert resources? Will this research fill an informational void? Does this research further our understanding of priority resources, including, but not limited to: Native Fauna and Flora, Geological, Paleontological, Historical, Air, and Water Resources? How will the expected results of this research inform park managers about specific resource conditions? Can the proposed research be conducted with minimal environmental compliance and/or mitigation requirements?

**Criterion 3: Application to Resource Management and Outreach (7 Points):**

How can the results or methods be used by the park to make better management decisions? Is there potential for this research to be transferable to another National Park Service unit or protected area in the Desert Southwest? In what way can the National Park Service use this information to increase public awareness and understanding of natural and/or cultural resources?