

GRADUATE RESEARCH FELLOWSHIP PROGRAM

Jornada Basin LTER (Applications due March 1st, 2024)

The Jornada Basin LTER (JRN-LTER) is seeking applications for the **Deb Peters Dryland Ecology Fellowship** and the **JRN-LTER Graduate Research Fellowship Program (GRFP)** for research contributing to JRN-LTER research themes. Peters Fellowships are available to graduate students at New Mexico State University through the generous support of the College of Agricultural, Consumer, and Environmental Sciences (ACES). GRFP Fellowships are available to graduate students from JRN-LTER affiliated institutions (not limited to NMSU) through support of the US National Science Foundation Long-Term Ecological Research Program.

Applications are encouraged from graduate students conducting research at the Jornada Experimental Range that is related to JRN-LTER research themes and goals. Interested applicants are encouraged to visit our website (<https://lter.jornada.nmsu.edu>) and discuss research ideas with affiliated JRN-LTER scientists. Graduate Research Fellows may be eligible for up to 2 years or 2 summers of support. PhD students may also apply for a 3rd summer of support for dissertation completion. The number of fellowships each year depends on funds available. In 2024 we anticipate being able to support 4-8 summer research fellowships (\$6,000/summer), 2 half-year LTER fellowships (\$12,000/year or semester) and one half-year Deb Peters' Dryland Ecology Fellow, (\$12,000, for NMSU ACES students).

Priority funding will be given to applicants demonstrating: (1) research objectives aligning with new and/or established JRN-LTER studies/research themes, (2) evidence of potential products from the research (e.g. journal papers), (3) need for funding, (4) results/products from previous JRN-LTER funding (if applicable), and (5) mentoring by academic advisors who are Jornada LTER scientists or affiliates.

JRN-LTER Graduate Fellowships must be used to support research at the Jornada. With the agreement of a student's mentor, this can include student stipend, travel for fieldwork or conference presentations, and research supplies. Students and/or mentors must cover all other costs of their graduate programs.

Jornada Graduate Research Fellow Requirements:

1. Before starting new fieldwork at the LTER, submit and have approved a [Jornada Notification of Proposed Research](#) form to John Anderson (janderso@nmsu.edu).
2. Participate in-person in the annual JRN-LTER Desert Ecology Short Course (2-3 days each summer). Virtual participation is not acceptable unless the course is offered in a virtual-only format.
3. Conduct at least 2 hours (Summer students) or 10 hours (12-month students) of education-related activities with our K-12 outreach partner, the [Asombro Institute for Science Education](#).
4. Provide research data and metadata to the Jornada Information Manager (Greg Maurer; gmaurer@nmsu.edu) for each year of your graduate program (see our [data policies](#)), and provide pdf copies of publications to the JRN-LTER Program Manager (Madeleine Soss; msoss@nmsu.edu). Support from the Jornada Basin LTER (NSF Award #2025166) must be acknowledged in these publications.
5. Submit a short report on your summer research to the JRN-LTER Program Manager by October 15th, 2024. This short progress report (2-3 pages) will state how your Graduate Fellowship has been (is being) used and will include preliminary or final results and outcomes (ex: datasets, analyses, publications, figures, details of data and metadata submitted, or to be submitted with timeline).
6. Present a seminar to a wider JRN-LTER group on the campus of NMSU prior to graduation. If not possible, other alternatives may be an option.

Students not meeting the above requirements will not be eligible for future JRN-LTER support.

All NMSU applicants will be considered for Peters Fellowships. Applicants for JRN-LTER GRFP fellowships do not need to be NMSU students. Students can apply at any time, although evaluation of applications will begin **March 1st, 2024**. Applications received after that date will be evaluated only if funds remain. Applications will be evaluated by ad hoc committee of JRN-LTER investigators and staff. For questions or to apply, contact **Madeleine Soss** (msoss@nmsu.edu).

**GRADUATE RESEARCH FELLOWSHIP PROGRAM
JORNADA BASIN LTER (Due March 1st, 2024)**

Applicant Name _____ Date _____

Fellowship Requested (annual/half/summer) _____ Start Date _____

New/Renewal _____ Email _____

Details of Previous JRN-LTER Funding _____

Jornada LTER Sponsor _____ Degree (MS/PhD) _____

University _____ Expected Graduation Date _____

Title of Thesis/Dissertation _____

Attach a short description of your research (3-5 page maximum for new requests, 4-6 page maximum for renewals), including:

- (1) The objectives of your research and outline methodologies
- (2) The LTER research theme your research is related to, and how your research will contribute to the objectives of the project (talk with your advisor and see the [2020 LTER-7](#) proposal)
- (3) Other sources of funding, and how an LTER fellowship will help meet your objectives
- (4) Specific products planned from your research (e.g. journal publications, meeting abstracts, data analyses and data products)
- (5) For renewal requests: (a) include 1-2 pages outlining the results and products from previous LTER fellowship and relationship to your new research proposal, (b) include a statement from the Asombro director documenting your previous outreach activities, (c) include a statement from the Jornada LTER information manager confirming data and metadata from previous LTER support are on file, and (d) include a dated copy of your Year 1 submitted report.

Email all application materials, compiled into a single file (e.g. PDF) to:

Madeleine Soss; msoss@nmsu.edu
Jornada LTER Project Manager