Request for Proposals
Montana Water Center Graduate Student Fellowships
Tentative funding cycle: 9/1/2022 – 8/31/2023
Deadline for proposals: March 31, 2022

Overview
The Montana Water Center invites proposals for Graduate Student Water Resource Fellowships. The goal of these small grants is to support graduate students in the broad realm of water resources research within Montana and the region. Funds may support purchase of materials or supplies, travel to a scientific meeting for a presentation, travel for research training, laboratory fees, etc.
For a description of past awardees, see: http://www.montanawatercenter.org/studentfellows-1/. Fellowships can range from $500 - $1500.
Areas of Interest
Areas of interest include (but are not limited to):

- Climate change: effects on snowpack, drought, floods, water supply (seasonal and annual)
- Interactions between ground water and surface water
- Impacts of irrigated agriculture on ground water and surface water quality and supply
- Biodiversity/ecosystem processes, links to physical processes
- Social-ecological systems and water resources
- Economic valuation of water resources
- Management and restoration of water resources
- Integrating assessment and management of water quality and water quantity
- Water policy
- Emerging tools and technologies in water sciences
- Water equity: research that examines the causes and impacts of water-related disparities, develops strategies to improve water equity, or provides scientific information to benefit underserved communities.

Applicant Eligibility and Conflicts of Interest
Any graduate student at a Montana institution of higher learning is eligible to apply for these awards. An applicant may not permit any federal employee to use his or her position for a purpose that is, or gives the appearance of being, in conflict of interest, either by giving the applicant an unfair advantage or by a desire for private financial gain.

Timeline
The tentative timeline for these projects is Sept 1, 2022 - Aug 31, 2023. The final timeline will depend on decisions made by the Grants Office at USGS.

<table>
<thead>
<tr>
<th>Year</th>
<th>Date</th>
<th>Action</th>
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<tbody>
<tr>
<td>2022</td>
<td>Feb 1</td>
<td>Request for proposals</td>
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<tr>
<td></td>
<td>March 31</td>
<td>Proposals due electronically to the Montana Water Center by 5 pm</td>
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<tr>
<td>2022</td>
<td>April 30</td>
<td>Deadline for notification of awards</td>
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<tr>
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<td>Sept 1</td>
<td>One-year subcontracts issued by MSU Office of Sponsored Programs</td>
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<td>2023</td>
<td>Aug 31</td>
<td>Funds must be spent by this date</td>
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<tr>
<td>2023</td>
<td>Nov 31</td>
<td>Final report due to Water Center</td>
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Proposal Format

Proposals should adhere to following format (with an 11-point font and 0.5-inch margin minimum):

**Pages 1 & 2:**
- Project Title
- Amount requested
- Duration of the Project
- Graduate student name and faculty advisor (include affiliations, phone, fax, e-mail addresses)
- Project description consisting of four sections: (1) Background and context, (2) Research questions or hypotheses, (3) Research approach, (4) Description of how requested funds will support research or professional development

**Page 3:** Literature cited
**Page 4:** Budget and justification for how the funds will be spent
**Page 5+:** Brief professional curriculum vita of the graduate student.

You must also include a letter of support from your faculty advisor or department head that can be sent separately to the email address below.

Proposal submission

Complete proposals must be sent as email attachments to both Wyatt Cross: wyatt.cross@montana.edu and Whitney Lonsdale: whitney.lonsdale@montana.edu. Proposals must arrive by 5:00 p.m. March 31, 2022.

This request is issued under the authority of the Water Resources Act, section 104b, administered by the US Department of Interior through the Water Resources Division of the US Geological Survey. Administering this competitive grant program is the responsibility of the Montana Water Center. All information requests can be directed to:

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