

**Agency:** University of Wyoming  
**Start Date:** Spring, Summer, or Fall 2024  
**Apply By:** Rolling deadline  
**Job Category:** Graduate Research Assistantship, MA or PhD  
**Salary:** \$23,500/\$28,128 per year + tuition + health insurance  
**Location:** Laramie with some statewide travel across Wyoming



## Teacher Researcher Knowledge Exchange

### ***Impacts of mutual exchange between K-12 educators and scientists using locally relevant biophysical and social science data***

**Overview:** Martha Inouye is recruiting a **MS or PhD level student** to join her in the Science and Mathematics Teaching Center at the University of Wyoming. This student will work on an NSF EPSCoR-funded project seeking to help **Wyoming communities anticipate and prepare for changing water availability** through an interdisciplinary lens.

**Description:** This research assistantship will focus on one primary element of the grant called the **Teacher-Researcher Knowledge Exchange, or TRKE (pronounced “trek”)**. This is a cross-disciplinary professional development program designed for K-12 educators, place-based informal educators, community organizations, and university scientists to come together and co-produce the ways they will exchange pedagogical and scientific expertise for mutual benefit. This graduate student will support the co-production process among participants in the TRKE program and contribute to research on this program. This is an opportunity to work with a large, interdisciplinary team on relevant and current ideas. There will be opportunities for networking across the state and across the project team with graduate students and postdocs from other disciplinary backgrounds.

Ideal candidates for this position will possess exemplary **written and oral communication skills**, have experience **collaborating** and/or working as part of a team, have **experience taking ownership** of collaborative projects, and have **experience conducting social science research**. Candidates should have an interest in working with diverse partners and **facilitating conversations** between scientists and educators. Candidates should be self-motivated and able to work independently with guidance and support from project collaborators.

Given the nature of the TRKE program, the candidate selected will have the **flexibility to pursue a variety of degrees**, based on interest and experience. These could include a degree within the Haub School of Environment and Natural Resources, the Science and Mathematics Teaching Center, or others. Discussions with project leadership will be had during selection process.

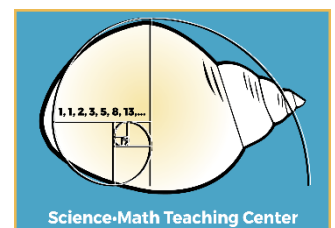
**Qualifications:** Preference will be given to applicants with **interest OR experience** in interdisciplinary and collaborative problem solving, science education and communication, and/or working in rural communities. Applicants will be considered who have a degree in any field.

**To apply:** Please send the following materials as one PDF document to Martha Inouye at [minouye@uwyo.edu](mailto:minouye@uwyo.edu) with the subject **Your Name\_TRKE Position**. This packet should include:

- (1) Cover letter/narrative that explains your desire to pursue graduate education, your research interests, career goals, and highlights relevant experience;
- (2) Resume or CV including degree(s) earned, GPA, and contact information for at least three references;
- (3) Unofficial copy of transcripts; and
- (4) An example of written work and/or an explanation of a collaborative project to which you've contributed.



Science & Mathematics  
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