

Geography Graduate Travel Award Application Instructions

This award provides up to \$500 to help defray travel expenses and conference registration fees for Geography MS and PhD students presenting (oral or poster) at a major (national or international) conference. **Only one travel award per student per academic year, and is limited to 3 years.**

Eligibility

- 1-Full-time graduate student enrolled in the Geography MS or PhD programs
- 2-First and presenting author
- 3-Participation in one outreach/recruitment activity in the academic year of the award

Process

1-Student must submit an application no less than one month before the conference. If you are using the Geography Department award as part of a match for the Graduate School Travel Award, then you must submit your Geography proposal at the same time as the Graduate School Proposal to Lisa Clayton (lisa.clayton@ess.utah.edu) for Chair approval.

Guidelines/Application Process

1-Please submit your travel grant proposal request to Lisa Clayton no later than 1 month before your trip.

2-Your proposal should be no longer than 2 pages. Be sure to include what you will be presenting (oral presentation or poster), the title, and date of presentation (if available). Please also submit your anticipated airfare/car mileage, lodging, registration fees, ground transportation fares, and/or abstract fees. **The following will not be reimbursed:** Per diem, meals, society memberships, and poster preparation fees. If you are driving a personal vehicle, the University will only reimburse for mileage. You must keep track of your odometer readings. You can pick up a mileage form from Lisa Clayton. Make sure to note any outside funding sources and the adviser that will be endorsing your presentation.

3-When you return from the conference you must submit all of your original itemized receipts (including your airfare itinerary showing payment and flights), luggage fee, odometer readings, hotel, conference registration, transportation, etc. to be reimbursed. In addition, submit a copy of the meeting itinerary and the page that shows your name, talk title, date and time of your talk. You will receive further reimbursement instructions in your award letter.

4- Submit a copy of your other funding source approval letters or agreements to Lisa Claytong.

6-Students who are awarded the Geography Travel Grant will be required to participate in one outreach/recruitment activity during the 2023-24 year. Contact Andrew Linke (andrew.linke@ess.utah.edu) to sign up for an outreach/recruitment activity.

Below is a Sample Proposal. It includes the information that is needed in your award application. In addition, please print and complete the **Citizenship Certification** form and include it with your application if you haven't submitted one yet for 2023-24 year. You can visit this link if you would rather put your trip budget on the pre-registration travel authorization form <http://fbs.admin.utah.edu/download/PreRegistrationAuthorization.pdf>.

SAMPLE PROPOSAL

Geography Travel Award Proposal

Travel Support Request for: *Name of Traveler*

Today's Date:

Advisor/Faculty Member (to view your talk/poster at conference):

I am requesting departmental travel support to attend the annual fall meeting of the American Geophysical Union (AGU) in San Francisco, CA from December 15 thru December 18. I have submitted an abstract as lead author, and been accepted to present a poster in the session entitled, "Decadal to Centennial scale paleoclimate records over the last millennium from non-tree-ring archives." The title of my abstract is "A speleothem record of climate variability over the last millennium in the northern Wasatch Mountains, southeast Idaho" (see below).

Expenses to attend the meeting include:

Abstract Fee: \$30

Registration: \$175

Airfare: \$203 (SLC to OAK)

Hotel: \$317.82 (3 nights- Dec. 15 to Dec18)

TOTAL EXPENSES: \$725.82

Other Funding Source/s:

I will be using \$275.82 from my NSF DDRI Grant and \$88 of personal money for the trip. I am requesting departmental support for the remaining \$362.

TOTAL FUNDING REQUESTED: \$362

Title of Presentation or Poster with Abstract:

A speleothem record of climate variability over the last millennium in the northern Wasatch Mountains, southeast Idaho ^[1]Z. Lundeen¹; A. Brunelle¹; S. J. Burns²; Y. Asmerom³; V. Polyak³ ^[1]1. Geography, University of Utah, Salt Lake City, UT, USA. ^[2]2. Geosciences, University of Massachusetts, Amherst, MA, USA. ^[3]3. Earth & Planetary Sciences, University of New Mexico, Albuquerque, NM, USA.

A new speleothem isotope record from Minnetonka Cave, southeast Idaho, offers continuous decadal-resolution climate history over the last 800 years. The cave is located in the Bear River Range, the northernmost extension of the Wasatch Mountains, at an elevation of approximately 2400 meters. The Bear River Range is a primary hydrologic recharge area for the Bear River, the largest contributor to the Great Salt Lake. Correlation of the Minnetonka Cave isotope record with historic Great Salt Lake hydrograph data and regional historic temperature data indicate that the speleothem record quite accurately records changes in environmental conditions, at least over the instrumental period of record. ^[1]The location of Minnetonka Cave is well situated to evaluate climate changes occurring at the boundary between northwest Pacific-dominated and the more arid southwest monsoon-dominated regions of North America. In addition, plans for diverting and impounding significant portions of Bear River water are currently being implemented by the State of Utah. Therefore, the data to be presented are also being used in an applied sense to evaluate the sustainability of those water resource developments in the context of observed climate variability over the last millennium.