



CO-WY AMP STEM Research Grant Proposal

Colorado Wyoming Alliance for Minority Participation Program (CO-WY AMP)

Application Deadline: Midnight Mountain Time, _____

Purpose: The purpose of this grant program is to provide support for student-initiated and faculty-supervised research. Funds can be used for stipends and/or supplies. This research can be on campus as well as off campus.

Application Process: You should email a Word document that includes the information requested below to Lori Taylor (ltaylor50@msudenver.edu). Funding results will be announced in the Recognition Celebration.

Eligibility: All CO-WY members are eligible to apply. To follow the mission of CO-WY AMP – increase the pipeline of students from underrepresented minority populations, preference will be given to African American, Hispanic, Alaska Native, Pacific Islander, and Native American students.

Timeline for funds to be used: _____

APPLICATION

Complete a word document with the following information. Be sure to structure your document according to the following outline and label each item as listed below.

PART 1. STUDENT RESEARCHER INFORMATION

- I. Enter your name
- II. Your MSU Denver email address
- III. If available, your non MSU Denver email address
- IV. The best number to reach you

PART 2. RESEARCH MENTOR INFORMATION

- I. Enter First and Last name of your research mentor
- II. Enter your mentor's email address
- III. Enter your mentor's phone number
- IV. **Mentor's Signature:** _____

PART 3. Project Description

- I. Title of Project

- II. Project Abstract: (Limited to 250 words) Provide a brief overview of your proposed project. The goal of your abstract is to provide a concise and complete description of your research project. As a guide, dedicate 1 to 2 sentences to each of the following components of your project: the purpose, method, and expected results/implications.
- III. Project description: (Limited to 2 pages)
 - a. Objective: Clearly state the purpose of your project. What research question, problem statement, or hypothesis will you investigate? Provide adequate background information.
 - b. Method of Inquiry: Explain methods and procedures you will use to conduct your investigation or exploration.
 - i. Provide enough detail to allow non-experts to understand the function and purpose of each step as it relates to the overall goal or importance of the project.
 - ii. Analysis and interpretation: Discuss how you will be able to use the information gathered via your method of inquiry to address the objective(s) you described above.
 - c. Expected outcomes: Describe how your project will contribute to this literature. Articulate how the outcomes of your project will enhance knowledge and understanding of the topic under investigation.
- IV. Timeline: Provide a timeline that demonstrates how you will complete the project within the allotted time. Your timeline should provide a schedule of when you plan to begin and complete major steps and milestones in your project.
- V. Budget Request and Justification: In the stipend request and justification provide the amount requested and a schedule of work days and hours. In the supply request and justification provide a detailed list of requested items.

Part 4. Please describe what you hope to gain from your research experience? And how it might help you to attain your education and/or career goals.

Part 5. Research Products, Dissemination of Your Work, and Skills Development

- a. Once you have completed your research, you will need to turn in a report **within two weeks** of your project end. Your report should include the following.
 - i. Summary or Abstract
 - ii. Methods
 - iii. Results
 - iv. Conclusion
- b. Please describe what you have gained from your research experience.
- c. You are expected to present your research either in a monthly meeting or in a local, regional, or national conference.

The Colorado-Wyoming Louis Stokes Alliance for Minority Participation (CO-WY AMP) is proud to represent sixteen Colorado and Wyoming institutions of higher education as part of the National Science Foundation's framework of colleges and universities that comprise the LS-AMP network. CO-WY AMP is currently represented by five Hispanic Serving Institutions (HSIs) and one Native American-Serving, Non-Tribal Institution in Colorado.



Award number 1619673