Rocky Mountain ACSM GRANT GUIDELINES
Fall 2022 Request for Proposals
DUE: November 16th, 2022

In an effort to support student research relevant to the mission of ACSM, the RMACSM Board plans to award grants to support student research projects, with the number and amounts of grants contingent on available funds from ACSM. This coming year, we *anticipate* funding for:

Two doctoral graduate student up to **$1500**
Two masters graduate student up to **$1000**
Two undergraduate student up to **$500**

Please follow the guidelines below and submit your proposal by:
11:59 PM Wednesday, November 16th, 2022.

Grant Requirements:

- At the time of the application, the applicant must be an enrolled student.
- Both the student and mentor must be current members of RMACSM.
- Grant recipients are required to present their findings during the 2023 RMACSM Annual Meeting.
- Failure to follow the following guidelines may lead to dismissal of the application.

Proposal Guidelines:

1. **Title Page and Abstract:** Include the title of the study, date, and name, address and phone number of the principal and co-investigators. **<u>Your mentor should be named as a co-investigator and is required to be a member of RMACSM.</u>** The abstract should include a clear purpose, proposed methods, expected results and relevance (250 word maximum).
2. **Background and Significance:** Provide a brief literature review demonstrating justification for the research. The introduction should familiarize readers with the general problem being studied and its significance relevant to the mission of ACSM. This section should be written so that it can be easily understood by scientists outside the investigator's area of expertise.
3. **Specific Aims/Hypotheses/Innovation:** Clearly define the purpose of the study, the specific aims and the working hypotheses. State why the research is innovative.
4. **Approach**
   a. **Participant Selection (if applicable):** Specify sample size and any inclusion or exclusion criteria for participation, such as age, sex, medical history or diagnosis. A brief justification of the sample size should be provided. In addition, please indicate if the project has been approved by your institutional IRB/IACUC panel or if approval is pending.
   b. **Research Design:** Include type of research design (i.e., true experimental, quasi-experimental, non-experimental), and identify if the proposed project is part of a larger, ongoing project Identify independent and dependent variables, control groups, and number of repeated observations. Discuss any steps taken to control for internal or external validity.

c. **Intervention Procedures:** Provide a clear, detailed description of the intervention process (if applicable). This section should include all steps the participants must undergo, along with any necessary treatment/safety evaluation procedures.

d. **Measures:** Describe measurement procedures, instruments used, and data collection techniques. Clearly state whether instruments/equipment are currently available or will be borrowed/acquired for the project. Include citations for previously used instruments.

e. **Data Collection and Data Safety:** Clearly define data collection procedures and discuss methods for participant recruitment with an explanation of efforts made to maintain the rights and privacy of human subjects.

f. **Data Analysis:** Discuss methods used for data entry, statistical analysis, treatment of missing data, and data interpretation. Include reasoning for the type of analysis used.

5. **References:** Include a complete list of references.

6. **Budget.** The budget should include how the grant monies will be used, how the funds will contribute to continuation of a larger, ongoing project (if applicable), and what other sources of funds are available to support the project.

7. **Timeline:** Provide an outline of the timeline for the proposed project.

8. **Appendices**: Attach supporting information, tables, or figures that improve the understanding of the project.

Resume/CV: Include an updated resume/CV at the end of your application

Submission Procedures:

All submissions should be:

- Maximum 5 pages of text (title page, abstract, references and appendices and CV not included)
- Single-spaced
- Times New Roman, 11-12pt font
- 1-inch margins

Please submit all proposals in <u>one</u> PDF via email on or before November 16th, 2022 at 11:59 PM (MST) to Emily Schmitt, PhD, eschmit4@uwyo.edu