

# Montana Academy of Sciences

## Instructions for Online-Fillable Form for Grant Applications

**1) Date of submission:**

**2) Type of application:** \_\_\_\_\_ **New** or \_\_\_\_\_ **Re-submission**

**3) Type of student:** \_\_\_\_\_ **Undergraduate** or \_\_\_\_\_ **Graduate**

**4) Name of Researcher(s):**

Provide the full name(s) of the student or students submitting the grant proposal.

**5) Researcher(s) Mailing Address(es):**

**6) Researcher(s) Email Address(es):**

**7) Affiliated Institution:**

Provide the name of the Montana University, Four-Year College or Tribal College where the research will be performed.

**8) Full Name of Faculty Sponsor at Affiliated Institution:**

Provide the full name of the faculty member who will oversee the research project. Remember that the proposal should primarily be written by the student, with guidance, consultation, and review supplied by the faculty sponsor or mentor.

**9) Faculty Sponsor's Mailing Address:**

**10) Faculty Sponsor's Email Address:**

**11) Letter of Support from Faculty Sponsor:**

In 500 words or less, the faculty sponsor must address the student's ability to conduct the proposed research as well as the institution's ability to support the endeavor. The letter should acknowledge that the applicant understands that successful grantees are expected to present results from the project in the following year, at the Annual Meeting of the MAS. The student may cut and paste the sponsor's letter into this field. If the faculty sponsor prefers, he or she may submit a letter of support confidentially to the MAS board. In the latter case, enter the sponsor's phone number in this field, in lieu of the letter of support.

**12) Title of Proposed Research:**

In 25 words or less, provide a title for the proposed research. The title should clearly convey the objective(s) of the research.

**13) Abstract:**

In 250 words or less, summarize the project. Briefly include the scientific questions being asked, the methods to be used to answer the questions, and the potential significance of the findings.

**14) Key Words:**

In order to facilitate reviewer selection as well as online searches, provide 5 keywords or phrases that pertain to the proposed research but are not present in the title. Be sure that the first two key words are discipline-specific keywords, e.g. "biochemistry", "ecology", "geophysics", etc.

**15) Background:**

In 750 words or less, provide background information relevant to the proposed research. Explain why the research is of interest and what previous research it is based upon.

**16) Description of Research Goals, Hypothesis, and Methods:**

In 1500 words or less, describe the objectives of the project, the hypotheses being tested, and the general methods/approaches that will be employed to answer the questions being asked.

**17) Significance of Research:**

In 200 words or less, describe the potential significance of the proposed research, and how it connects to larger questions in your field.

**18) Current Sources of Funding for Proposal:**

List any sources of funding already procured or requested.

**19) Budget:**

In 1000 words or less, provide a budget detailing how the grant money will be spent to further your research. Breaking the budget into categories (e.g.-supplies, equipment, reagents, travel, etc.) might be useful.

**20) Timeline:**

In 250 words or less, provide a timeline outlining estimates of how long each part of the project will take and when critical steps will be completed.

**21) References:**

List up to 20 references that were cited in the previous sections of this application. References should be listed alphabetically by the last name of the primary author. Follow the CSE (Council of Science Editors) format style:

**Author(s). Year. Article title. Journal title (abbreviated form). Volume (Issue): page(s).**