**Member Research Grant Application
ASCLS Education and Research Fund**

**Investigator Information**

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| --- | --- | --- |
| Full Name and Certification of Investigator (type on next line to the right of the arrow)→ | ASCLS Member Number→ | Today’s Date→ |
| Degree→ | Institution→ | Degree Date→ |
| Degree→ | Institution→ | Degree Date→ |
| Certification→ | Certification Agency→ | Certification Date→ |
| Investigator’s Address:Street → |
| City→ | State→ | Zip→ |
| Email→ | Phone 1→ | Phone 2→ |
| Title of Research Project→ |
| Targeted topic that your research addresses→ |

**Eligibility**

**Investigators must meet the following criteria:**

* Professional member of ASCLS,
* Citizen or permanent resident of the United States,
* Medical Laboratory Scientist or Medical Laboratory Technician with national certification, and
* An applicant is not eligible for grants in consecutive years unless the applicant submitted a final report for the first grant.

**Required Reference**

One peer Medical Laboratory Scientist reference on institutional letterhead must accompany this application and proposal. The reference writer must be a supervisor who can verify that the investigator will be given administrative support and release time to complete the proposed project.

**Application deadline: April 1**

Please complete and forward this application with your proposal, reference and additional documentation by email addressed to the ASCLS Education and Research Fund grants@ascls.org

**Grant Limitations**

E&R fund member research grants may not be used for indirect cost recovery, tuition, stipends for investigators or assistants, manuscript preparation and publication costs, travel, or purchase of equipment and supplies customarily available in an institutional laboratory.

**Report**

A written report regarding the status of your grant, detailing the outcomes, manuscripts/posters generated, and expenditure of funds must be emailed to the Education and Research Fund grants@ascls.org of the following year. This report is due regardless of whether you have completed the project by then. Awardees who do not submit a final report are ineligible for further awards. Investigators are encouraged to submit their report for presentation at the ASCLS Annual Meeting and for publication in *Clinical Laboratory Science*.

**Please complete the following tables:**

1. List the grants for which you have applied from ASCLS in the past 7 years. For each indicate the date of grant submission, whether the grant was awarded, and for the successful ones, the amount that was awarded.

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| --- | --- | --- | --- |
| ASCLS Grant Title  | Date Submitted | Member or Graduate Grant | Awarded Yes/NoAmount |
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1. List other funding sources to which you have submitted grant applications in the past 7 years. Indicate name of funding agency and if it was institutional, state, federal, industry or private. Provide the title and specific focus of each grant, date of submission and the time frame for successful grants. Show if the grant was awarded and if so the amount.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Funding Agency | Type of Agency | Title and Focus of Grant | Date Submitted /Time Frame | Awarded Yes /NoAmount |
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**ASCLS Member Research Grant Proposal**

Attach research grant proposal; up to three single-spaced pages using a Times New Roman, 10-pitch or larger font.

1. **Title**: Limit to sixty characters.
2. **Background and Rationale**: Review supporting literature, identify pertinent issues, and state the problem. Identify how the project addresses the problem and the profession’s needs.
3. **Objectives**: State the objectives and anticipated outcomes, link each objective to the problem stated in the *Background and Rationale* section above.
4. **Methods/Design**: Describe *sample population, recruitment of subjects, methods used to minimize sample bias, confidentiality, data collection technology, instruments or assays, data recording, statistics and data reporting, and completion deadline*. Design should be detailed, specific and clear; should answer the objectives; should identify strengths and limitations. Provide name and identify the qualifications of coworkers, if any.
5. **Budget**: Itemize necessary purchases, relate to objectives and methods, and justify cost. *E&R fund member research grants may not be used for indirect cost recovery, tuition, stipends for investigators or assistants, manuscript preparation and publication costs, travel, or purchase of equipment and supplies customarily available in an institutional laboratory.*
6. **Appendices**: Provide optional documentation *in addition to your three-page proposal*; for instance, biographical sketches, support letters, contracts, institutional support, prior grants, other pending grant applications. *Often grant awards are addressed to the recipient’s institution. Please provide the exact contact information of the individual or office to which the check must be addressed*.
7. **Institutional Review Board (IRB) Approval**: Provide an IRB approval letter or a document state that the research is approved by the institution. *This documentation should specify whether the project is exempt, subject to expedited review, or has undergone a full IRB review and has been approved by the institution.*

**Targeted Topics**

Investigations must address one of these topics:

* **Clinical Laboratory Education**
* Innovative educational techniques
* Simulation laboratories
* Student admission process and tracking success
* Student retention
* Research in student learning
* Changes in MLS undergraduate or graduate education
* Faculty development
* Educational interventions emphasizing the importance of diversity, equity, inclusion, and addressing health disparities.
* **Patient Safety**
* Investigation of laboratory practices that improve patient safety.
* Assessment of pre-analytical and post-analytical errors and their impact on patient outcomes.
* Enhancement of patient engagement and involvement in the laboratory testing process, considering the diverse needs and preferences of various patient populations.
* **Value of Laboratory Services**
* Impact of test results in diagnosis and treatment.
* Development and assessment of test applications.
* Value of appropriate test utilization in clinical decision-making.
* Assessment of point-of-care testing validity and clinical efficacy.
* New test development and modifications, validation, and clinical efficacy.
* Correlation of proficiency testing, personnel standards, internal quality control, and quality assessment on the validity and clinical efficacy of test results.
* Social determinants that contribute to disparities in access to and outcomes of laboratory testing, with a focus on marginalized or underserved populations.
* Community-based approaches to increase awareness of laboratory services, improve health literacy in diverse populations.
* **Value of Educated Personnel**
* Correlate level of education and clinical training to validity and quality of test results.
* Strategies to increase the number of educated personnel, address retention of, and improve the public image of clinical laboratory professionals.
* Investigation of the role of the Medical Laboratory Scientist, Medical Laboratory Technician, or professional with a doctorate in Clinical Laboratory Science in test utilization.
* Strategies to enhance diversity and inclusivity within the clinical laboratory workforce, including recruitment practices, mentorship programs, and workplace policies that promote equity.
* Training programs for laboratory professionals to enhance their cultural sensitivity and cultural competence on diagnostic accuracy and patient outcomes.
* **Translational Research**
* Applications that reduce disease incidence, morbidity, and mortality.

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