**I. Dean Spradling Graduate Research Grant Application  
ASCLS Education and Research Fund**

**Investigator Information**

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| --- | --- | --- | --- | --- | --- | --- |
| Full Name and Certification of Graduate 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  → | | | | | | |
| City  → | | | | State  → | | Zip  → |
| Email  → | | Phone 1  → | | | Phone 2  → | |
| Name and address of graduate program; major/degree type  → | | | | | | |
| Title of Research Project  → | | | | | | |

**Eligibility**

* Student or professional member of ASCLS.
* Citizen or permanent resident of the United States.
* Graduate student at the time the award is presented.
* Clinical/Medical Laboratory Scientist or Clinical/Medical Laboratory Technician accepted to or presently enrolled in an accredited Masters or Doctoral program in or related to Clinical/Medical Laboratory Science.

**Required Reference**

One graduate faculty reference on institutional letterhead must accompany this application and proposal. The faculty person must evaluate the investigator’s ability to complete the project and must provide contact information.

**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 c/o ASCLS Executive Vice President at [jimf@ascls.org](mailto:jimf@ascls.org). Only electronic documents are accepted.

**Grant Limitations**

The I. Dean Spradling graduate research grant 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 ASCLS Executive Vice President at jimf@ascls.org by July 1 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*.

**ASCLS Member Research Grant Proposal**

Attach research grant proposal; up to three single-spaced pages using a 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*. Document *institutional review board* approval. 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 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*.

**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
* **Patient Safety**
* Investigation of laboratory practices that improve patient safety.
* Assessment of pre-analytical and post-analytical errors and their impact on patient outcomes.
* **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.
* **Value of Educated Personnel**
* Correlate level of education and clinical training to validity and quality of test results.
* Strategies to increase the number of, address retention of, and improve the public image of clinical laboratory professionals.
* Investigation of the role of the Clinical/Medical Laboratory Scientist, Clinical/Medical Laboratory Technician, or professional with a doctorate in Clinical Laboratory Science in test utilization.
* **Translational Research**
* Applications that reduce disease incidence, morbidity, and mortality.

Revised 02/18/2020