Funds are available for student research scholarships within the Department of Surgery

Each position will be funded in the amount of $3,750 for 10 weeks, and is expected to spend a significant number of hours (40 per week) in the laboratory or office. This funding is geared towards students pursuing a surgical career.

The purpose of these research scholarships is to provide students within the College of Medicine, the opportunity to enhance their ability to seek out information, analyze and apply a solution to a surgically defined problem. The stipends are limited to students currently enrolled in the College of Medicine (must have completed M1 year). First year students, in particular, are encouraged to engage in research during the summer and seek scholarship support. This program will not support projects that require travel outside of the State of Nebraska.

Funding will be used to make awards on the basis of competitive applications reviewed by the Department of Surgery. There may be opportunities for research in a variety of surgical areas, including: transplant, minimally invasive surgery (MIS), bariatrics, vascular, trauma/critical care, surgical oncology, neurosurgery, pediatric surgery or urology.

*Award stipends are considered taxable income*

Criteria for Assessment of the Applications

- Is there a scientific or educational basis for the project? Does it follow from data found in the literature or the sponsor’s laboratory? (Background Section)
- Is the basic science or educational research plan sound? Will the data be analyzed in a proper fashion with appropriate procedures? (Methods Section)
- Is the project realistic in terms of scope? Can the student master the necessary techniques in the time allotted? Is there an appreciation for the possible difficulties or pitfalls?
- To what extent will the proposed project provide a research/learning experience? What interaction with the faculty sponsor will the student have? Is the student going to learn something about the scientific process as opposed to just learning techniques, fact-finding, chart review or data generation?

Additional opportunities

College of Medicine also has positions available. Students may only participate in one program; however, to increase the chances of getting a funded position, we recommend students to simultaneously apply for both opportunities. Notification of awards for the Department of Surgery program will be sent out prior to COM, allowing students to be considered for both programs.

For more information regarding the COM Medical Student Summer Research Program, contact: Sonja Cox at 402-559-8242 or sacox@unmc.edu
Howard R. and Marilyn B. McCollister Memorial Fund Rural Surgery Research Program

Through generous gifts from donors, in the summer of 2016, the Department of Surgery introduced the Howard R. and Marilyn B. McCollister Memorial Fund Rural Surgery Research Program. Students selected for this program will spend their 10-weeks with faculty sponsor at a rural partner site in Nebraska. As an extension of the Program of Excellence, the application process, guidelines, and expectations for this program are the same. Benefits are also the same, with the addition of reimbursement for one round trip mileage. The Department will assist as much as possible to secure housing. Ideal candidates will have connections to the rural site. 2017 Topic: Nebraska Rural Trauma Team Collaborative. Additional details available.

Application
The application must include the application form, a current cv, and research plan of two to four pages that includes background, hypothesis and specific aims, and a methods section. The methods section should also include a description of the data analysis plan. **The student must write the proposal.** Do not copy verbatim from the faculty sponsor’s grant.

A letter of support is required from the faculty sponsor. This letter should make clear the role of the student in the proposed research activity and the commitment of the faculty member in spending a significant amount of time in direct contact with the student. **If the research project requires IRB or IACUC approval, the mentor must ensure that approval is finalized prior to the start of the project.**

Awards are to be used for student stipends, and thus, the faculty sponsor is expected to provide laboratory or office space, supplies and any necessary additional financial support. This should be confirmed in the sponsor’s letter.

How to Apply
Apply online at: [http://www.unmc.edu/surgery/research/student-research-opportunities.html](http://www.unmc.edu/surgery/research/student-research-opportunities.html)

Questions
If you need assistance finding a mentor or have additional questions, contact Stacia Luther at: [stacia.luther@unmc.edu](mailto:stacia.luther@unmc.edu) | 402-559-4632

Participant Guidelines and Expectations
- Professional conduct at all times and behavior representative of UNMC student code of conduct
- Maintain compliance at all times with the ethical conduct of research in accordance with established university policies
- Commit to the program start to finish
- Perform research at a level commensurate with experience and within scope of the project outlined by the faculty mentor
- Obtain proper training/certifications prior to beginning of research, i.e. IACUC and or IRB.
- Completion of the project should result in, or lead to, a presentation, abstract, or publication.

Program Completion
An abstract written with assistance from the faculty sponsor is due the first Monday in October. It will be one to two pages in length and include an Introduction, Materials and Methods, and Results and Conclusion section. All scholarship recipients are encouraged to present the results of their research at the annual Midwest Student Biomedical Research Forum in the spring, or another meeting at the discretion of the mentor. Funding for travel is not included as a part of this scholarship. The student should acknowledge the source of support.

Applications are due February 20, 2017
Send them to Stacia Luther, Educational Programs Administrator via email to stacia.luther@unmc.edu