

Medical Student Research Scholarship Requirements

The following requirements of the Medical Student Research Scholarship were outlined in the application submitted for funding. If you, or your mentor, have any questions or concerns with any of these requirements, please contact research.education@osumc.edu

1. Attendance at the annual Medical Student Research Kickoff

- a. Failure to attend will result in a forfeiture of the research award.

2. Expectations

- a. Check with your mentor or lab manager regarding access to secure buildings and labs. You may need to provide your badge or BUCK-ID numbers.
- b. Each lab has very specific protocols, data sheets, and trainings necessary for the chemicals, equipment, animals, or biological agents and materials you may need to use or come in contact with. Please check with your mentor and his/her lab personnel to orient and train you in all matters relating to lab safety.
- c. Ask your mentor or lab manager the appropriate access. You may need to provide your employee ID number, or OSUMC log-in. Remember, data collected or analyzed as part of your project is under the ownership of your mentor and his/her lab. Be clear on proper protocols, both system (e.g., HIPAA) and lab specific, on using, accessing, storing, and discarding electronic and paper data.
- d. Each student is expected to work a minimum of 40 hours a week for 8 weeks. Vacation/leave must be pre-arranged and makeup hours must be approved by your mentor.

3. Checkpoint Survey

- a. A survey will be sent the last week of June and July they must be completed by each mentor and student for second payment to be released.

4. IRB/IACUC Protocols

- a. IRB/IACUC approval of amendment to add student to existing protocol(s) are to be submitted to the Medical Student Research Program Office by the second week of May. No payments can be made to unapproved research projects.

5. Final Research Report: A report of research activity is due approximately 10 days after the start of the following academic year for **all short-term projects**. A short-term project is any project that a student is not taking a year leave of absence. The format is to follow a research report in a peer-reviewed journal. Not all research produces the anticipated outcome. If your research gave unexpected results, report the outcome and suggest how the research might be restructured in the future to produce meaningful results. All recipients of research funding are required to submit a report regardless of the outcome of the studies.

- a. **Abstract:** A brief description of background, methods, results and conclusions (no more than 250 words)
- b. **Introduction:** Brief history of topic area with importance of the research project selected. State the hypothesis tested. Important references should be cited.
- c. **Methods:** Brief description of the methods including statistical methods
- d. **Discussion, Finding, and Conclusions:** Fully discuss the results and their implications. Compare and contrast your findings with the literature. Suggest the next series of studies.
- e. **References:** Full citations are required including all authors, title, journal, volume, and year.
- f. Please follow the guidelines outlined in the handout "Medical Student research Scholarship Requirements". Guidelines can also be found on the MDSR Current Scholars Webpage <http://medicine.osu.edu/go/mdsr>.

6. **Presentation of Poster at the Annual MDSR Research Symposium**
 - a. Students that receive funding are required to present a poster at the Annual MDSR Research Symposium, in late October or early November. (see MDSR calendar of events for exact date)
 - b. The information in your research report can serve as the source material for your poster.
 - c. Call for abstracts are typically in early September.
 - d. Make note of that date and do not plan to be out of town or busy for your required poster presentation.

7. **Evaluation of Research Experience:** Both you and your mentor will separately be requested to evaluate the research experience (Mentor/Mentee Research Experience Evaluation Survey). From this evaluation, the COM and MDSR Office wish to learn more about the benefits and challenges for medical students conducting summer research projects. We also welcome your ideas and suggestions to maximize the value of the experience. All identifying information (e.g., student and mentor names) are removed for data analysis. Evaluation forms will be sent to mentors and students at the conclusion of the research project.

8. **Research Productivity Report:** Upon submission of your final report, this productivity report is necessary to capture all collaboration, publications, presentations, and future plans regarding the proposed and funded research.

9. **Financial Aid questions:** Please direct all transfer of funds and financial aid questions to Financial Aid in B043 Graves Hall, 614.688.4955.

10. **Award Acknowledgment:** Remember to acknowledge the specific scholarship received in any publications and presentations (e.g., Barnes, Bennett, Roessler, and COM).

Citing Medical Student Authorship

College of Medicine Acknowledgment: All publication that includes current medical students should identify the Ohio State University College of Medicine as their institution. *See examples below.

MDSR Award Acknowledgment: Remember to acknowledge the specific “Named” research scholarship received in any publications and presentations (e.g., Barnes, Bennett, Roessler, and COM). *See examples below.

How to site authors in a publication:

Acknowledging medical student contributions & the OSU College of Medicine in publications:

Title: Cardiovascular Risks and Drug Interactions

Authors: First Author^{*}, [Medical Student Name](#)[†], Third Author^{*}, and PI (research mentor)^{*}

Footnote: ^{*} The Ohio State University Department of Internal Medicine, and [†] [Medical Student Research Program, The OSU College of Medicine](#), the OSU Heart and Lung Research Institute, The Ohio State University Wexner Medical Center, Columbus, OH

How to reference COM financial (scholarship) support:

Support: This work was supported in part by the [OSU College of Medicine \(Barnes, Bennett or Roessler....\) research scholarship \(medical student initials\)](#), NIH grant (collaborator initials), NIH grant xxxx (PI initials) etc.