

School of Medicine Clinical Research, MSCR

Broad Learning Goals

- A.** Knowledge of the basic principles and core concepts that form the foundation of clinical and translational research.
- B.** Successfully perform, manage, present and publish clinical and translational research project(s).
- C.** Demonstrate professional, responsible behavior, cultural competence and ethical reasoning in action.

Student Learning Outcomes

- A1.** Learners will obtain basic (MSCR Level 1) knowledge in the 12 domains considered essential for clinical and translational research. *The 12 domains are: Bioinformatics, Biostatistics, Bioethics, Research Design, Epidemiology, Measurement in Clinical and Translational Research, Patient Outcomes Research, Cultural Competency in Clinical and Translational Research, Research in Health Care Systems, Study Implementation and Management, Current and Emerging Technology in Clinical and Translational Research, and Grantsmanship in Clinical and Translational Research.
- B1.** Learners will be able to appropriately apply knowledge and skills to conduct independent research.
- B2.** Learners will conduct thesis research in a manner that exemplifies good clinical and translational research skills.
- B3.** Learners will produce a thesis that is acceptable for submission to a peer-reviewed journal.
- C1.** Learners will demonstrate professional, responsible behavior in the program.
- C2.** Learners will demonstrate cultural competence in clinical and translational research.

C3. Students will demonstrate knowledge and skills of ethical human research or animal use to ethical review committees (HRRC or IACUC)