Biochemistry and Molecular Biology (MS) Learning Objectives

Graduates of this program will be able to do the following:

1. Master and demonstrate fundamental laboratory skills

2. Demonstrate a shift from a fundamental understanding of biochemistry and molecular biology to problem solving skills and an advanced knowledge through hypothesis-driven, bench-top research.

2. Use theoretical and technical expertise in molecular biology and biochemistry-related research activities to prepare for an advanced degree in this area

3. Write progress reports, scientific papers, and present at scientific meetings.

4. Understand the application of bioethics

5. Understand the basic aspects of biostatistics