

Laboratory Rotation Guidelines. To improve the lab rotation experience, please discuss the following objectives of each rotation with your mentor/mentee that generally include the following:

1. To acquaint students with potential dissertation mentors. Students will:
 - a. Receive a briefing on the research focus of the laboratory
 - b. Receive 1-3 review and/or research papers to read and discuss with the mentor during the rotation
2. To introduce students to proper conduct of laboratory science. Students will:
 - a. Conduct a research study with the goal of understanding the basis for the hypothesis being tested and the general approach to test the hypothesis
 - b. Participate in weekly group or laboratory meetings
3. To acquire skill in diverse laboratory techniques. Students will:
 - a. Learn techniques (theory, limitations, etc) associated with the rotation project by collaborating with a mentor, graduate student, postdoctoral trainee and/or technician)
 - b. Conduct laboratory research throughout the week and weekends when indicated
4. To acquaint students with the research of other graduate students and faculty, students will attend seminars, journal clubs, and other research activities of the department or program.
5. Mentors will encourage students to present their lab rotation project in an informal venue (eg. talk at a lab meeting) at end of rotations 1 and 2.
6. **Evaluation of Laboratory Rotations.** At the end of each rotation, mentors will submit an online evaluation form to Keisha Vaughn in the Graduate Office. Prompt submission of the evaluation form allows the Course Director to assign an Honors/Pass/No Pass grade. In addition, students are required to complete an online evaluation of each laboratory rotation. Failure to submit timely evaluations will result in an incomplete grade for the course.
7. **Lab Rotation Papers.** At the end of each rotation, students will submit to their mentors and to the Rotation Course Coordinator a 1-2 page description of their lab rotation describing the Aims, Methods, Results, Discussion, and Significance of the research project.