



# MD/PhD Program

## ROTATION EVALUATION – Rotation \_\_\_\_\_

Student: \_\_\_\_\_ Faculty Mentor: \_\_\_\_\_

Learning outcomes	Excellent 4	Good 3	Average 2	Needs Improvement 1	Insufficient data to assess 0	SCORE
Able to communicate effectively with the PI and scientific peers, asks questions, communicates ideas	Routinely seeks out PI to ask questions and routinely asks appropriate questions of lab peers, articulates understanding of the project and contributes to planning of experiments.	Asks questions of the PI when available, routinely asks appropriate questions of lab peers, has appropriate understanding of the project but not a deep enough understanding to contribute to planning experiments.	Speaks to the PI at meetings and occasionally seeks out the PI, asks questions of lab peers, has a basic understanding of the project but lacks depth, makes some errors in the lab due to miscommunication	Speaks to the PI only when addressed by the PI, does not ask questions of lab peers, makes mistakes due to lack of understanding of the procedures and project and failure to communicate		
Able to carry out complex protocols, keep accurate records in a timely fashion, organize scientific data accurately	Demonstrates through understanding of scientific method, clear ability to perform complex protocols, data is analyzed promptly and accurately, data is presented with a clear and proper interpretation	Demonstrates good understanding of scientific method, performs complex protocols with few errors, analyzes data accurately, presents data in a thought out context	Demonstrates satisfactory understanding of scientific method, needs some assistance with complex protocols and analyzing data, can present and interpret data with some guidance from the PI	Demonstrates minimal understanding of scientific method, limited ability to carry out complex protocols, need significant faculty input for data analysis and interpretation		

Reliably and conscientiously performs assigned tasks, arrives on time for appointments and work, keeps up with lab notebook, able to work independently	Reports to the lab and meetings promptly and works till tasks are complete. Keeps records up to date, appropriately bound, and legible. Is able to learn new techniques and work independently. Spends extra time working out problem areas, learning new techniques, and reading literature.	Reliably attends meetings and completes assigned tasks. Acceptable record keeping with some oversight. Able to learn techniques and works with minimal supervision. Works required time and reads literature when time permits during the work day.	Satisfactorily attends meetings and works on assigned tasks. Keeps records, though notebook is not always up to date. Requires assistance and moderate supervision with new techniques. Spends time in the lab but has a minimal understanding of the projects. Very little time spent reading.	Inconsistent attendance and punctuality to meetings and work. Demonstrates minimal ability to pick up new techniques. Requires constant supervision and has little understanding of techniques and projects. Notebook is disorganized and record keeping incomplete. Spends no time reading or trying to understand projects.		
Able to critically analyze literature related to the project, contribute intellectually to the direction of the project, demonstrate intellectual curiosity about the project	Demonstrates a thorough understanding of content and scientific context. Uses appropriate and relevant sources to explore ideas within the discipline and to critically develop a well-articulated scientific theme. Clear demonstration of independent intellectual contribution.	Demonstrates an adequate understanding of content and scientific context. Uses appropriate and relevant sources to critically develop a scientific theme. Follows and presents literature well but independent contribution not evident.	Demonstrates awareness of content and scientific context. Uses appropriate and relevant sources that are applied through most of the work. Organization of ideas not always logical or consistent with composing a logical scientific argument.	Demonstrates minimal awareness of content and scientific context. Uses appropriate and relevant sources to develop limited areas of this work. Examples of inappropriate literature citations common. Frequent lapses of logic when composing a scientific argument.		

Approximate number of hours per week in lab: \_\_\_\_\_

Does this student exemplify the quality of work you expect of a graduate student working-full time in your lab?

**Achievements of Note/Areas for Improvement/Additional Comments:**

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Faculty Signature: \_\_\_\_\_

Date: \_\_\_\_\_