

**Assessment of Goal 3, Learning Outcome 1:** Clarify critical gaps in scientific knowledge concerning the resolution of environmental health problems and plan and execute original research that will lead to solutions of such problems.

Each ENHS PhD student must (1) successfully develop his original research ideas into a formal dissertation proposal which is successfully defended to his research committee; (2) Conduct and execute their research; (3) Develop scientific findings into a successfully developed dissertation; and (4) Findings from dissertation are developed into formal scientific publications in peer reviewed journals. The following matrix will be used for each of these four metrics in assessing this learning outcome. An overall outcome of 3 on this Rubric will satisfy this learning outcome.

	Not successful 1	Successful 3	Outstanding 5
Dissertation Proposal Defended			
Conduct/Execution of Research			
Written Dissertation			
Dissertation defended			