

MPH in Biostatistics Capstone Faculty Evaluation Form

☐ EPI Faculty ☐ BIOS Faculty

Student: _____

Date: _____

Check One: ☐ Internship Presentation ☐ Thesis/Project Presentation

Instructions: Please complete this evaluation for each EPIB 785 student during their internship capstone presentation. MPH students are expected to address every competency during their capstone experiences (Internship and Thesis/Project).

Competencies for MPH in Biostatistics	Rating Scale 0="not met", 1="Partially Met", 2="Met"			
1. Describe the role biostatistics serves in the discipline of public health.	0	1	2	NA
2. Describe basic concepts of probability, random variables, and commonly used statistical probability distributions.	0	1	2	NA
3. Distinguish among the different measurement scales or types of variables and select appropriate descriptive statistical methods for summarizing public health data.	0	1	2	NA
4. Select appropriate inferential statistical methods to answer research questions relevant to public health research.	0	1	2	NA
5. Conduct descriptive and inferential statistical analyses that are appropriate to different basic study designs used in public health research.	0	1	2	NA
6. Interpret results of statistical analyses found in public health studies.	0	1	2	NA
7. Critically review and summarize statistical analyses presented in public health literature.	0	1	2	NA
8. Perform appropriate sample size and power calculations to ensure that the study is sufficiently powered to achieve the scientific aims.	0	1	2	NA
9. Identify limitations in public health studies.	0	1	2	NA
10. Comprehend basic ethical and legal principles pertaining to the collection, maintenance, use, and dissemination of public health data.	0	1	2	NA
11. Demonstrate skills in public health data collection and management.	0	1	2	NA
12. Communicate results of statistical analyses to lay and professional audiences.	0	1	2	NA