



# R-EMSYS

Oregon EMS Information System

### III. Scientific Merit Pre-IRB Review Tool

This is intended to help the “PHD Responsible Party” determine the level of scientific merit a proposed study holds. Please send this forward to the External Principal Investigator in conjunction with your approval or denial of the Data Use Agreement. Ultimately, this form should be sent forth to the PH IRB Coordinator as documentation that the PHD Responsible Party has performed a Scientific Merit Review on the study.

Title of Research Project: \_\_\_\_\_  
 Principal Investigator: \_\_\_\_\_  
 Date of review: \_\_\_\_\_  
 PHD Responsible Party (primary reviewer): \_\_\_\_\_

This project is:

- Public Health Practice
- Research
- Unclear whether research or public health practice (refer project to Chief Science Officer)

Reasoning for research or public health practice designation:

Topic	Yes	No	NA	Comments
Are the Specific Aims and corresponding hypotheses or questions clearly stated?				
Are the outcomes clearly stated and defined?				
Has a literature search supporting study rationale and providing sufficient preliminary data to justify the proposed research been performed?				
Will testing the hypothesis or question provide important knowledge for the field or for the population being served?				
Are the methods described appropriate?				
Will the proposed tests/measurements answer the hypothesis or question in a valid/reliable manner?				
Is the requested data the right information to answer the proposed hypothesis or question?				



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Do all of the proposed tests/measurements answer the scientific hypothesis or question?				
Are the proposed analysis methods, including statistical methods, clearly stated?				
Do the statistical methods correlate with the design?				
Is the sample size or population proposed justified?				
Are the researchers or analysts appropriately qualified, knowledgeable and experienced to perform the procedures included in the study?				
Is the timeline feasible?				
Are there sufficient resources to complete the inquiry in the proposed timeline?				
If applicable, is the ability to recruit, retain, and/or follow subjects/populations feasible?				

## OREMSIS Additional Topics:

Topic	Yes	No	NA	Comments

Summary of Reviewers Comments and overall assessment:



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\_\_\_\_\_ Protocol is acceptable as written

\_\_\_\_\_ Protocol requires these minor modifications to be acceptable:

\_\_\_\_\_ Protocol is not acceptable for the following reasons:

\_\_\_\_\_ At this time, the Oregon Public Health Division does not have the capacity to support this Research Project

Additional comments from reviewer(s):

Investigator comments regarding review:

Reviewer response to requested changes in protocol

\_\_\_\_\_  
*PHD Responsible Party*

\_\_\_\_\_  
*Date*