



# ACTIVELY ENGAGING GRADUATE STUDENTS TO ASSESS PUBLIC HEALTH LEARNING OUTCOMES USING MEETINGS AND ONE SENTENCE SUMMARY

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## INTRODUCTION

- The Department of Public Health’s Public Health Program was accredited in 2022 through July 1, 2027 by the Council on Education for Public Health (CEPH).
- The MPH has six student learning outcomes.
- MPH students take either PHP 661 Development & Evaluation of Public Health Programs or PHP 624 (Introduction to Prevention Sciences) to meet the learning outcome “Design population-based policies, programs, and interventions using scientific principles and evidence-based approaches”.
- **One Sentence Summary (OSS)**, a classroom assessment technique that encourages students to create one sentence from information, is an innovative approach that can meaningfully engage students in assessing learning outcomes.
- In OSS, students are asked to consider **Who or What Does What to What or Whom, When, Where, How and Why (WDWWWWHW)**. Then they write one correct sentence that considers all the answers to the questions that follow the pattern WDWWWWHW.
- This study used OSS to assess two learning outcomes of PHP 661 (Development & Evaluation of Public Health Programs)

## METHODS & RESULTS

### STUDENT LEARNING OUTCOMES ASSESSED

1. Use an evidence-based, culturally responsive approach, propose a public health program and its program.
  2. Justify an evaluation approach and methods to assess public health programs.
- In Spring 2025, a total of 9 out of 10 students taking PHP 661 were surveyed during meetings and asked to use OSS to indicate 1) how to develop a public health program or proposal, and 2) how to evaluate a public health program.
  - Each OSS element present got a score of “1” while “0” indicated an absence.

PROGRAM DEVELOPMENT	Does		To What				
	ID	Who what	Whom	When	Where	How	Why
	1	1	1	1	1	1	1
	2	1	1	1	1	1	1
	3	1	1	1	0	1	1
	4	1	1	1	0	1	1
	5	1	1	1	0	1	1
	6	1	1	1	1	1	1
	7	1	1	1	1	1	1
	8	1	1	1	1	1	1
9	1	1	1	1	1	1	

PROGRAM EVALUATION	To What							
	ID	Who	Does	or	When	Where	How	Why
			what	Whom				
	1	1	1	1	1	1	1	1
	2	1	1	1	1	1	1	1
	3	1	1	1	0	1	1	1
	4	1	1	1	0	1	1	1
	5	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1
	7	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	
9	1	1	1	1	1	1	1	

### SOME OSS SAMPLES

*“Public Health professionals develop a needed public health program for participants’ health after conducting a needs assessment in community spaces, and using Public Health planning techniques involving literature reviews, assembling of stakeholders, securing of funding, implementation of the program, and evaluating after the conclusion of the program in order to address a public health issue.” (Respondent 6, Age 19)*

*“Public health evaluators will perform an outcome evaluation and impact evaluation on students, youth, and community leaders intermediate (halfway through the program) and at the end of the program in the community centers and mobile clinics, through qualitative surveys and tracking the rate of teen pregnancy over the years, in order to see if the educational classes and resources are having an impact on youths behaviors and community leaders attitudes.” (Respondent 8, Age 22)*

### IMPACTS ON STUDENTS: QUOTES

*“Learning the one sentence summary has given me a tool that I can use in order to succinctly propose public health programming ideas to relevant parties like community stakeholders, other public health professionals, and funding entities” (Respondent 3, Age 21).*

*“I think it helped me to summarize and pinpoint the goal of my evaluation.” (Respondent 5, Age 21)*

### CONCLUSION

The use of OSS has aided the ability to assess student learning of public health program development and evaluation.

**NEXT STEPS:** The outcomes of the study will be integrated into CEPH requirements for accreditation.

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