

GUIDE TO DEVELOPING LEARNING OBJECTIVES

Developing Learning Objectives

Step 1: Based on the agreement with your Field Supervisor, write down all the activities and duties that you will engage in throughout the field practice.

Here are some examples of public health skills/tasks:

Data Collection	Statistical Analysis	Literature Review
Needs Assessment	Program Planning & Development	Evaluation
Grant Writing/Fundraising	Database Development	Community Outreach Public
Speaking	Facilitate Meetings	Facilitate Training
Program Implementation	Develop Educational Materials	Advocacy
Community Organization	Policy Research/Analysis	

Step 2: Write down what you skills/abilities you will need to learn for each of the listed activities. *Example: data analysis:* Knowledge of how data was collected, knowledge of software, and purpose of the analysis, etc.

Step 3: Write the outcome expected for each of the listed activities. *Example:* The data analysis is being done to understand the risk factors for breast cancer

Step 4: Develop your learning objectives based on the activities, resources needed, and outcomes written in steps 1-3 above. What is going to be learned?

- Example-*
- 1) Gain proficiency in SPSS to analyze the given data
 - 2) Assess how data must be “cleaned” to prepare for proper analysis
 - 3) Apply data analysis product toward overall evaluation of the program

The following list of verbs* may be helpful in the development of your learning objectives:

**Adapted from Reilly, D.E. Behavioral Objectives in Nursing, 2nd Edition. New York, Appleton Century-Crofts, 1980 and Bloom’s Taxonomy.*

KNOWLEDGE	COMPREHENSION	APPLICATION
Define	Describe	Employ
List	Discuss	Illustrate
Name	Explain	Interpret
Record	Identify	Practice
Repeat	Report	Translate
	Review	Utilize

ANALYSIS

Analyze
Compare
Differentiate
Examine
Inspect
Relate

SYNTHESIS

Arrange
Create
Compose
Design
Manage
Prepare

EVALUATION

Appraise
Assess
Evaluate
Measure
Revise
Select

Examples of Learning Objectives

- Acquire skills in survey design and administration for a Latino health study assessing physical activity and nutrition habits of adult Latinas.
- Increase knowledge and skills in program evaluation.
- Network and develop working relationships with members and participating organizations of the Coalition of Children and Weight.
- Define and recommend a set of indicators for the California comprehensive primary care system's pediatric population.
- Apply knowledge acquired through PH607 and appropriate theories to Nutrition Link survey development.
- Summarize research to contribute to grant writing for the Supporting Maternal Health Innovation Program.
- Using the information gathered from structured observations and changes in WASH knowledge, revise methods and approaches used to deliver the WASH intervention.
- Improve epidemiological response to outbreaks in the region in collaboration with a research team through fieldwork and data collection.
- Perform a literature review to identify previous research on the evaluation of the association between chemical exposures and health outcomes of Atlantic bottlenose dolphins, as well as, statistical methods available for multi-pollutant mixture modeling.