



## **Grant Application**

### **Student Learning Outcomes:**

- identify and describe global issues within a young adult population to determine areas of health concern.
- synthesize different types and sources of information to assess global/cultural issues or situations by determining unmet research needs based on risk factors for a health issues.

### **Prompt:**

Oftentimes, public health professionals seek funding to support their research needs. Throughout the semester, you have identified a real-life health issue facing a priority population that limits their quality and quantity of life. Using each of the components completed thus far, you will develop a cohesive, ethical research project designed to better understand the risk factors and consequences of this health issue and synthesize this information into a 5-page grant proposal to a funding agency. This grant application will describe the significance of the problem, existing research, theoretical application, research questions driving this study, methods for collecting data, survey questions, proposed data analysis, and budget/budget justification.

Please keep in mind that grant applications that do not meet standard submission requirements are not reviewed by the funding organization. Therefore, it is imperative that all requirements, no matter how seemingly insignificant, are met. You want your hard work to be evaluated and hopefully funded, so do not let your grant be excluded because of technicalities. Note: if you work on the assignment in a different format than is submitted, be sure to double-check that all formatting requirements are appropriate in your Canvas submission.

### **Instructions and Format:**

The format of the grant application should be as follows (with section headings):

1. Abstract (approximately 1/2 page)
2. Statement of the Problem (approximately 1/2 page)
3. Research Questions (a few sentences)
4. Literature Review (approximately 1 page)
5. Theoretical Application (approximately 1/2 page)
6. Methods: (approximately 1 1/2 pages)
7. Data Collection (mode of delivery), Recruitment, Incentives (and rationale), Inclusion/Exclusion Criteria, Survey (include a few sample questions), and Proposed Analysis Plan (a few sentences to a paragraph describing how you plan to analyze your data)
8. Budget and Budget Justification (\$50,000 with 5% indirect costs) (approximately 1 page)
9. References (not counted in the 5-page limit)

Description of each section:

- *Abstract:* The purpose of the abstract is to summarize the entire proposal. Your abstract should be the last thing that you write. It will include a brief review of each section of the proposal. Your goal is to have the reader fully understand the purpose and process of your project in this paragraph.
- *Statement of the Problem:* The purpose of this section is to impress upon the reader the importance of your topic area. You need to prove that this is an important public health issue that needs more research. You will want to show the greater impact of this research on the population of interest (i.e., quality/quantity of life or health care costs).
- *Research Questions:* Describe how you plan to address this research by presenting your research questions. You will want a sentence or two transitioning the Statement of Purpose and your actual questions to show the connection.
- *Literature Review:* This section will describe what is already known about the health issue. You want to present all relevant information on the issue and among your population. You will include previous research in this area and set the stage for how all of this research can then lead into your research project.
- *Theory:* This section describes how theory informs your research. You will want to briefly discuss the theory you have selected (do not need to give a reason why you picked it or its history) but you will want to explain the constructs of the theory. You will want to give some examples of how this theory has been applied to similar research and then how you plan to use this theory to inform your research and answer your research questions.
- *Methods:* Now is the time to discuss how you will answer the research questions. Be sure to describe how you plan to sample the population of interest, how you will recruit participants, how they will complete the survey, how they will be incentivized, who will be included/excluded in this research, how you will answer the research questions through survey research (and include some sample survey questions), and how you plan to analyze the data (proposed data analysis). This needs to be a very concrete discussion that could be replicated by the reader. Do not include your timeline.
- *Budget and Budget Justification:* Include your budget spreadsheet showing how you will spend the money and then offer justification for each line item in the spreadsheet. No appendices are permitted.

**Course:** PHC 4755 Evaluation and Research in Public Health

**Developed by:** Alison Oberne, MA, MPH, CPH, [aoberne@health.usf.edu](mailto:aoberne@health.usf.edu)