**Project Primary Investigator:**

**Statistician:**

**Project Manager:**

**[Project Title]**

## 

# **Project Rationale**

*Note: The structure of this project rationale section was adapted based on the* [*PEERS Webinar: Developing a Research Question and Aligning Data*](https://www.youtube.com/watch?v=pV6lc6JXHBk)*, particularly minutes 4:28-16:11 led by Dr. Sonyia Richardson.*

**Background:**

**Problem statement (Broad → specific; What is wrong/needs to be fixed, what are the contextual factors that contribute to the problem, what is the scope of the problem, what are the consequences of not fixing, what needs to be understood more, how will the new study contribute to a solution):**

**Gap in literature:**

**Project purpose statement:**

**Ultimate goal of research (impact):**

**Desired end product (e.g., manuscript, pilot data, intervention, policy changes):**

## 

# **Research Questions & Hypotheses**

**Research question 1:**

**Hypothesis:**

**Potential implications (both if hypothesis is or is not supported):**

**Research question 2:**

**Hypothesis:**

**Potential implications (both if hypothesis is or is not supported):**

**…**

**Research question X:**

**Hypothesis:**

**Potential implications (both if hypothesis is or is not supported):**

## 

# **Dataset Description**

**Dataset name:**

**Documentation:**

**Study design:**

**Description of dataset:**

**Date(s) of collection:**

**Sample Size:**

**Sample Characteristics:**

**Exclusion/inclusion criteria:**

**Limitations of the dataset:**

## 

# **Relevant Variables**

[variable labels, names, and descriptions]

## 

# **Analysis Plan**

**Data accessed via:**

**Data cleaning (scoring/standardizing/processing/creating composites):**

**Sampling weights:**

**Determining and handling outliers:**

**Handling missing data:**

**Testing assumptions of the models:**

**Analysis Software:**

**Packages:**

**Analysis 1**

**Model (indicate DV, IV, mediators, moderators, covariates):**

**Statistical test:**

**Follow-up contrasts:**

**Analysis 2**

**Model (indicate DV, IV, mediators, moderators, covariates):**

**Statistical test:**

**Follow-up contrasts:**

**…**

**Analysis X**

**Model (indicate DV, IV, mediators, moderators, covariates):**

**Statistical test:**

**Follow-up contrasts:**