**STATISTICAL DESIGN AND POWER**

**TEMPLATE**

SF424 (R&R) – Version F

Last revised 6/10/20

**Content Instructions**

* Specify the number of subjects you expect to enroll, the expected effect size, the power, and the statistical methods you will use with respect to each outcome measure you listed in [4.2 Outcome Measures](https://grants.nih.gov/grants/how-to-apply-application-guide/forms-f/general/g.500-phs-human-subjects-and-clinical-trials-information.htm#4.2).
* You will need to show that your methods for sample size and data analysis are appropriate given your plans for assignment of participants and delivery of interventions. For trials that randomize groups or deliver interventions to groups, special methods are required; additional information is available at the [Research Methods Resources](https://researchmethodsresources.nih.gov/) webpage.

**Review Criteria and/or Questions to Consider**

* Are the number of expected subjects sufficient for the proposed study?
* Has a power analysis been conducted? Does the study include sufficient statistical methods to obtain meaningful results?

**Suggested outline**

We have provided a suggested outline on the second page of this document. If you would like, you can enter your text directly below each subsection header. This document is already formatted appropriately (0.5 inch margins, Arial font, 11 point text). Just delete the first page and you are on your way to a complete draft!

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***Subjects we plan to enroll:***

***Power Analysis:***

***Statistical Methods:***