Guidelines for PSRC Research Study Proposals

Please submit proposals to the current Chair of the PSRC (Daniel Tsze, dst2141@columbia.edu). Do not include any identifying information in your proposal. Proposals will be reviewed in a blinded fashion. Please limit proposal to no more than two pages. Include the following sections:

Background

- Include relevant context and information necessary for the reviewer to understand your clinical question, stated objectives and methods; include data from preliminary studies as needed. Any references cited will not be included in the two-page limit.

- State the clinical significance and relevance of your study proposal, the "gap in knowledge" that you wish to address. Why is your question important?

- State your objectives as specific aims (typically between 1 to 3 aims) and, if applicable, the hypothesis that each aim will test.

Methods

- State the study design.

- Describe the study population (e.g. age, specific setting or provider type, specific sedative administered). State relevant inclusion and exclusion criteria.

- State the desired time frame of data you wish to analyze.

- Describe your data analysis plan. For example:

    - State any planned descriptive statistics to examine the data collected in the study

    - State any planned comparative testing (e.g. t-test, chi square, ANOVA, Mann-Whitney)
        - Define a priori your desired level of significance for any proposed hypothesis testing (e.g. $p < 0.05$)

    - State any planned association/prediction analyses (e.g. correlation, regression)
        - Describe how you will select your predictors/independent variables. e.g. potential association based on bivariable analysis, plausible clinical relationship with outcome

    - **Clearly define all outcomes, exposures, predictors (i.e. independent variables), potential confounders, and effect modifiers.** Explicitly state the components of any composite outcomes or variables (e.g. if your outcome is major adverse event, state all the outcomes that you are considering to be a major adverse event) or diagnostic criteria, if applicable.

*__Reminder__: Manuscripts arising from approved proposals must be submitted to the PSRC Research Committee for review ***prior*** to journal submission as part of standard procedure for research utilizing SPS/PSRC data and resources.