RESEARCH PROPOSAL – PART 7

Please complete all sections below (A. – D). Please adhere to the minimum formatting requirements found in application guidelines. Maximum of 5 pages in length.

NAME:

TITLE:

**Specific Aims**

* State concisely the goals of the proposed research and summarize the expected outcome(s), including the impact that the results of the proposed research will have on the research field(s) involved.
* List succinctly the specific objectives of the research proposed (e.g., to test a stated hypothesis, create a novel design, solve a specific problem, challenge an existing paradigm or clinical practice, address a critical barrier to progress in the field, or develop new technology).

**Importance of the Research**

Significance

* Describe the importance of the proposed research in the context of current scientific challenges and opportunities, either for advancing knowledge within the field, or more broadly. Address if the research identifies an important gap in knowledge in the field, would solve a critical problem, or create a valuable conceptual or technical advance.
* Describe the rationale for undertaking the study, the rigor of the scientific background for the work (e.g., prior literature and/or preliminary data).

Innovation

* Describe how innovation influences the importance of undertaking the proposed research. Note that while technical or conceptual innovation can influence the importance of the proposed research, a project that is not applying novel concepts or approaches may be of critical importance for the field.
* Evaluate whether the proposed work applies novel concepts, methods or technologies or uses existing concepts, methods, technologies in novel ways, to enhance the overall impact of the project.

**Rigor and Feasibility**

Approach, Rigor, Feasibility

* Describe the overall strategy, methodology, and analyses to be used to accomplish the specific aims of the project. Describe plans to address weaknesses in the rigor of the prior research that serves as the key support for the proposed project. Describe the experimental design and methods proposed and how they will achieve robust and unbiased results. Include how the data will be collected, analyzed, and interpreted, as well as any resource sharing plans as appropriate.
* For trials that randomize groups or deliver interventions to groups, describe how your methods for analysis and sample size are appropriate for your plans for participant assignment and intervention delivery. These methods can include a group- or cluster-randomized trial or an individually randomized group-treatment trial.
* Discuss potential problems, alternative strategies, and benchmarks for success anticipated to achieve the aims.
* If the project is in the early stages of development, describe any strategy to establish feasibility, and address the management of any high risk aspects of the proposed work.
* Point out any procedures, situations, or materials that may be hazardous to personnel and the precautions to be exercised.

**Expertise and Resources**

Investigator(s) and Environment

* Describe the leadership plan to facilitate coordination and collaboration.
* Describe institutional resources to ensure the successful execution of the proposed work.