Outline for submission

Final submission will consist of a maximum of 7 **pages.** The basic format and style will follow those published by the National Institutes of Health for R03/R21-level applications.

Section of Grant Proposal	Limit
Title Page	Title = 81 characters Team members = no limit Abstract = 250 words
Specific Aims	1
Research	5
Budget Justification	1
References	No page limit (not included in the 7-page limit)

Final grant document submitted will consist of the following sections:

1. **Title Page**
   a. **Title:** Limited to **81 characters** (includes spaces and punctuation marks)
   b. **Team Members:** Name, Degree, Title, Affiliation
   c. **Project Summary (Abstract):** Maximum of **250 words**. Summary of the work proposed in the grant submission. Abstracts submitted by the teams chosen to present at the meeting will be published on the ASCPT website.

2. **Page 1**
   a. **Specific Aims (1 page limit):** Provide a brief overview of the problem at hand and its significance concisely state the goals of the proposed solution. Summarize the expected outcomes, including impact of research on fields involved (based on the real-life problem selected) for each Aim. Succinctly describe the objectives of the proposed approach to solve the real-life problem selected, (e.g., create a novel design, novelty of approach etc.).

3. **Pages 2 through 6**

a. **Research Strategy:** Cannot exceed <u>**5 pages.**</u> The research strategy should include sections with the following headings: **Significance, Innovation, Approach. Timeline**

1. **Significance**:
Explain the **importance** of the real-life problem or critical barrier to provide solution to the selected problem that the proposed project addresses. Explain how the proposed solution **will help address improve scientific knowledge**, technical capability, and/or clinical practice. Describe how the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field will be changed if the proposed aims are achieved.

2. **Innovation:**
Explain how the application **challenges** and seeks to **shift** current research or clinical practice paradigms. Describe any **novel** theoretical concepts, approaches or methodologies, instrumentation or intervention(s) to be developed or used, and any **advantage over existing** methodologies, instrumentation or intervention(s). Use of simulation approaches, associated knowledge graphics and key assumptions to illustrate the anticipated outcome and solution to the challenge is highly encouraged.

3. **Approach:**
Any **preliminary data or results** that provide evidence of feasibility of approach should be included in the "Approach" Section. Describe the **overall strategy, methodology, and analyses** that are being proposed to accomplish the specific aims of the project. Include how the data will be collected, analyzed, and interpreted as well as any **resource (database)** that will be used to achieve the specific aims as appropriate.
You may structure the Approach section to address each Specific Aim separately, or you may structure it with multiple Aims addressed throughout. If the latter format is selected, it should be clear to the reader which Aim is being addressed by a given strategy, methodology, or analysis plan.
Discuss **potential problems, alternative strategies,** and **benchmarks for success** anticipated to achieve the aims. Address the management of any **high risk aspects** of the proposed work.

4. **Timeline:**
Your timeline should reflect the scope of the work proposed, without specific limitations, balancing the need for near-term solutions to these critical problems based on the complexity of the proposed solutions.

Page 7
5. **Budget:**
Please provide a general overview of the estimated budgetary requirements by year, i.e. approximate number of Full-Time-Equivalent

(FTE) scientists at $200,000 per year, any projected costs associated with obtaining data for analysis, and any projected costs associated with a proposed experimental work.

6. **References: (Not page limit)**

   Reference information is required. Each reference must include the names of all authors (in the same sequence in which they appear in the publication), the article and journal title, book title, volume number, page numbers, and year of publication. The reference list should contain the references in the order in which they are cited in the text. References are not included in the page limit for

- o Text in your attachments must follow these minimum requirements: **Font size**: Must be Arial, Georgia, Helvetica, or Palatino Linotype font, 11 points or larger, in black. Smaller text in figures, graphs, diagrams and charts is acceptable, as long as it is legible when the page is viewed at 100%.
- o Some PDF conversion software reduces font size. It is important to confirm that the final PDF document complies with the font requirements.
- o **Line spacing**: 1.15 inch minimum
- o **Margins**: 0.5-inch global margins are acceptable.

   Failure to follow page limits and formatting requirements may result in your submission being withdrawn from consideration.