

## Grand Challenges Explorations Application Form

Please enter proposal text in Sections I and II, according to the instructions within each section. If you choose to include charts, graphs, or references, add them within the appropriate section. **Please do not include charts or graphics in color.**

Your application must be no longer than 2 pages, using 11 point type. The entire file should be less than 2MB. Proposals that do not adhere to these restrictions may be blocked from submission and review.

### Section I. What is your idea?

Use this section to briefly describe your idea. Make sure that your idea directly fits the topic; otherwise your proposal may be disqualified.

- Indicate in one or two sentences **in bold** the essence of your idea.
- Why is your idea an unconventional or creative approach to the problem outlined in the topic?
- Describe the scientific basis for your idea and why you expect it to succeed.

### Section II. How will you test it?

Use this section to briefly describe the project design and implementation plan.

- Describe your experimental plan, including any new technologies or tools to be developed.
- How will the work you describe be performed within the budget (USD\$100,000) and time period (eighteen [18] months) allocated for the initial Phase I award? This 18 month time period should assume an approximate 12 month project work time with the additional six months to be used for ramp up and required reporting.
- What essential data will you generate during your Phase I award?
- If your experiments in Phase I are successful, what are the next steps?