**Graduate Research Plan Statement**

NOTE: This document has been formatted to the format requirements in the solicitation [Times New Roman for all text, Cambria Math font for equations, and Symbol font for non-alphabetic characters (it is recommended that equations and symbols be inserted as an image), no smaller than 11-pt (except text that is part of an image), no less than single-spaced, 1” margins (nothing should be in the margins; no header, footer, name, or page number), required separate sections for Intellectual Merit and Broader Impacts].  Sections can be any length within the 2 pages. Any deviation from this format will render your application non-compliant and it will be returned without review. **Remove all of this instructional text BEFORE you input your statement.**

Present an original research topic that you would like to pursue in graduate school. Describe the research idea, the proposed approach, and resources needed to accomplish the research goal, including access to national facilities or collections, collaborations, overseas work, etc. You may cite references. Address the potential of the research to advance knowledge and understanding within science as well as the potential for broader impacts on society. The research must be in a field listed in the Solicitation (Section X, Fields of Study). **Remove all of this instructional text BEFORE you input your statement.**

**Intellectual Merit**

State your Intellectual Merit. **Retain heading but remove this instructional text BEFORE you input your statement.**

**Broader Impacts**

State your Broader Impacts. **Retain heading but remove this instructional text BEFORE you input your statement.**

**References**.

Times New Roman, 11-pt., single-spaced. **Remove all of this instructional text BEFORE you input your statement.**