**Statement of Research**

***Remove all instructional text (leaving the headings) before generating your .pdf file. A two-page limit (including graphics) will be enforced. Safety Considerations and References may spill over to the third page. Use font no smaller than 11 point. Address each of the following sections. You are strongly encouraged to reference Proposal Writing Tips at*** [***http://neutrons.ornl.gov/users/tips***](http://neutrons.ornl.gov/users/tips)***.***

**Scientific Importance**

What scientific question(s) are you trying to answer? Provide a brief statement on the scientific background and general importance of the research, including references to literature where appropriate. Explain why the experiment requires the use of neutrons versus other techniques.

**Preliminary Work**

Provide results of preliminary work carried out using neutrons or other techniques and the relationship with your proposed experiment. Include preliminary tasks, measurements, synthesis, structural characterizations, or calculations that have or will be done at your home institution or elsewhere in preparation for the proposed research at SNS or HFIR.

**Choice of Instrument**

Explain why you need this particular instrument. If beam time cannot be awarded on the requested instrument, state any alternate instruments on which some or all of the experiment could be carried out. *Consultation with instrument scientist is strongly encouraged.*

**Experiment Plan**

State clearly and exactly the research tasks to be carried out. Provide an estimate of the number and quality of the samples, and the expected measurement time needed for each.

**Data Analysis and Scientific Outcomes**

Include 1-3 sentences describing the methods you will use to analyze and interpret the data. Discuss how the results from this proposal will impact your research and how they will advance the field (e.g., model validation, answers to long-standing questions, etc.).

**Safety Considerations**

(not included in the 2 page limit) Identify and discuss any recommended safety precautions, controls or procedures that ensure your experiment can be run in a safe manner while at SNS/HFIR.

**References**

(not included in the 2 page limit)