PLEASE NOTE: Your institution must have a TSA Agreement and Statement of Work in place prior to receiving Electron Microscope (EM) time at LBMS.

Principal investigators (PIs) must contact LBMS staff prior to submitting a proposal to ensure the experiment may be performed on the EMs requested.

*Use this template to write your LBMS Proprietary Research Proposal and then copy/paste the information into the online PASS system. Please do not upload this document as a MS Word or PDF file.*

**TITLE**

**To be entered under the “Research” tab in PASS**

**Description of Research:**

Provide a functional, non-proprietary description of the experiment(s) to be performed. Describe the importance of this experiment. (limit 4000 characters including spaces)

**What EM(s) and technique(s) (Single particle analysis or cryo-electron tomography) do you need for your experiments?**

(limit 2000 characters including spaces)

**Describe any special experimental conditions if needed:**

*(limit 2000 characters including spaces)*

**Research Screening Questions:**The Proposal Principal Investigator (PI), the person who is responsible for setting the direction for the funding, is required to answer the following research screening questions. These questions apply to the research in the upcoming proposal time or instrument experiment time at the Laboratory for BioMolecular Structure (LBMS) at Brookhaven National Laboratory, including all samples to be measured and ancillary equipment brought to LBMS.

By answering these research screening questions, you certify that your answers are complete and accurate, and that you understand that Brookhaven Science Associates will rely on the answers you provide to screen the research. If you are unsure how to answer the questions, you should contact your home institution’s Export Control Office.

Each time experiment conditions are modified (e.g., new samples/specimens not measured previously or new equipment / software), you are required to resubmit these Research Screening Questions.

The following points-of-contact for the proposal research screening questions are Lacy Jones ([ljones2@bnl.gov](mailto:ljones2@bnl.gov)) or Teresa Daniels ([teresa@bnl.gov](mailto:teresa@bnl.gov)).

**Research Screening Question #1**

Are there any restrictions, contractually or otherwise, on public dissemination of the work (e.g., research, experiment) described in this proposal? Public dissemination includes presenting at conferences or open meetings, publications, or web source information.

* Yes
* No

**Research Screening Question #2**

Are you bringing any items (including specimens/samples), technical data, software, or services owned or funded by a nuclear, defense, military, space, intelligence agency, or a defense contractor of the United States or of another country?

* Yes
* No

**Research Screening Question #3**

For work (e.g., research, experiment) conducted at the user facility, are any items, technical data, software or services designed, developed, or modified exclusively for military applications, military training, spacecraft, launch vehicles, or national security or intelligence collection and analysis?

* Yes
* No

**Research Screening Question #4**

Would the research results be directly useful for- or would the research involve- a nuclear reactor application (e.g., commercial nuclear fuel, molten salts or other nuclear reactors, nuclear grade graphite, uranium enrichment)?

* Yes
* No

**Research Screening Question #5**

Are you bringing any items (including specimens/samples), technical data, or software to the user facility that requires access controls?

* Yes
* No

**Research Screening Question #6**

If the PI or co-PI (grant holder) of this beam time proposal is an employee of a DOE national laboratory, please affirm that your research has been screened by your National Lab against the DOE “Science and Technology Risk Matrix" critical and emerging research areas and technologies. The User Facility must be consulted if any research restrictions are required so that it can be determined if research restrictions can be accommodated.

**Note:** If you answered "No" or are unsure, you should contact your home institution's office responsible for screening research for the DOE S&T Risk Matrix.

**Reference:** Memorandum for Heads of Departmental Elements, Dan Brouillette, Science and Technology Risk Matrix Guidance, 12/13/2019.

* Yes
* No
* PI/co-PI is not a DOE National Lab employee

If you answered "Yes" to the previous question, please indicate the name of the person that screened your proposal and the date that it was screened.

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**REQUIRED INFORMATION TAB**

*Indicate the primary field of research for this proposal and the funding source(s).*

**ATTACHMENTS TAB**

PLEASE NOTE: Attachment files should only be figures with captions, images, tables, or sample lists. Do not attach a copy of the proposal, publications, presentations, CVs, or a thesis. These attachments will be deleted prior to PRP review. For General User and Rapid Access proposals, attachments should be a maximum of 2 pages in a single file and contain only figures, images or table. File uploads cannot exceed 5MB each and must be either PDF or CSV/Excel. Please note, only PDF attachments will be included in the proposal PDF. Uploaded files will not be available for viewing until they have been verified to be appropriate. Once this has been confirmed, you will be notified, and you will be able to view the file listed in the table below. You can still submit your proposal even if your attachment(s) have not been verified yet.

**To be entered under the “Time Request” tab in PASS:**

**Describe the experiments you will perform on this EM, including sample preparation, data collection, and analysis (limit 2500 characters including spaces)***:*

*(limit 2500 characters including spaces)*

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