Proprietary research is work conducted under a Class Waiver for Proprietary Users of Energy Research Designated User Facilities. Private individuals, representatives from educational institutions, nonprofit organizations, or industry, may conduct such research. Under the terms of the DOE Class Waiver, the user is obligated to pay the full-cost recovery rate for use of NSLS-II. In return, the user has the option to take title to any inventions made during the proprietary research program and to treat as proprietary all technical data generated during the proprietary research program. The terms and conditions under which proprietary research may be conducted at NSLS-II are set forth in the Proprietary User's Agreement, which must be in place before any experiment can commence. Proprietary work requires the submission of a Proprietary Proposal, which must contain a functional non-proprietary description of the work. Proprietary proposals are rapid-access proposals that are reviewed by NSLS-II management.

PLEASE NOTE: Your institution must have a Proprietary Users Agreement and Statement of Work in place prior to receiving beam time at NSLS-II. For more information, see the NSLS-II Proprietary Research Policy and Procedure on the [NSLS-II Industrial User Program](https://www.bnl.gov/nsls2/industry/) webpage.

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

*Use this template to write your NSLS-II 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 TAB**

**Title**:

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**EXPERIMENTERS TAB**

*To associate someone with this proposal (including the PI, Co-PI, collaborators, etc.) first search for the person using the search bar below. If they are not found, click the "Add New Person" button below and you will be prompted to enter their name and email. Once the person is found (or entered), click the radio-button next to their name and then click the "Add Experimenter" button (which appears after clicking the radio-button) at the bottom of the search results list. The name chosen will be added to the list of experimenters above.*

*The status of each experimenter listed can be assigned by clicking the "Edit" button next to each name.*

*Important:*

* *Be sure to include yourself on the experimenters list (if applicable).*
* *Be sure to set the user access type for all experimenters.*
* *The PI or co-PI should be the lead individual responsible for the research performed. This is normally the holder of the grant that funds this work. Except in exceptional circumstances reflecting independent work, a student or postdoc should not be identified as the PI on a proposal.*

*Definitions of User Access type:*

* *On Site: a user physically present at a user facility during experiment*
* *Remote Access: a user actively participating in the experiments via video conferencing, beamline remote control, etc.*
* *Mail-In: a user that sent samples but will not be participating in data collection on site or remotely*
* *Off Site: A collaborator that is not participating in synchrotron experiments*

**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 beamline(s) and technique(s) do you need for your experiments?**

*(limit 2000 characters including spaces)*

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

*(limit 2000 characters including spaces)*

**Certification:**

By submitting the above information in PASS, do you agree that everything in this proposal is accurate and that your research team will abide by the NSLS-II proprietary access policy and you will provide NSLS-II a Corporate Impact Statement with a brief report of your work?

*(Please answer yes or no)*

**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 beamtime or instrument experiment time at the National Synchrotron Light Source II (NSLS-II) at Brookhaven National Laboratory, including all samples to be measured and ancillary equipment brought to NSLS-II.

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) or Teresa Daniels (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
* N/A

**REQUIRED INFORMATION TAB**

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

**TIME REQUEST TAB**

*In this section, please list all beamlines needed for the lifetime of the proposal. Once the proposal is submitted, you may not add beamlines in future time requests.*

*Notes:*

* *You may request up to 5 beamlines.*
* *The need for each beamline must be justified separately.*
* *Do not add “equivalent” or “alternate” beamlines. If you would like to suggest an “equivalent” or “alternate” beamline for allocation, mention it in the beam time justification below.*
* ***Shifts Requested (Lifetime)****: For each beamline requested, enter the number of shifts (1 shift = 8 hours) required for the lifetime of the proposal.*
* ***Shifts Requested (This Cycle)****: For each beamline requested, enter the number of shifts needed for this cycle. If you do not want beam time on a particular beamline this cycle, enter 0 (zero) shifts.*

Instructions:

To select a beamline or lab, click "Add Resource" and a pop-up window will open where you will enter:

**Beamline 1**

|  |  |
| --- | --- |
| Resource (beamline) name: |  |
| Technique: |  |
| Shifts Requested (Lifetime):  |  |
| Shifts Requested (This Cycle):*(enter 0 if no shifts requested this cycle)* |  |

**Describe the experiments you will perform on this beamline for the lifetime of this proposal, including sample preparation, beamline requirements, data collection, and analysis.** *(limit 2500 characters including spaces)*

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**Justify the need for this beamline's capabilities, including justifying why you need the lifetime shifts requested.** *(limit 1500 characters including spaces)*

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*Be sure to click "Save" in the pop-up window.*

**Beamline 2 (if applicable)**

|  |  |
| --- | --- |
| Resource (beamline) name: |  |
| Technique: |  |
| Shifts Requested (Lifetime):  |  |
| Shifts Requested (This Cycle):*(enter 0 if no shifts requested this cycle)* |  |

**Describe the experiments you will perform on this beamline for the lifetime of this proposal, including sample preparation, beamline requirements, data collection, and analysis.** *(limit 2500 characters including spaces)*

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**Justify the need for this beamline's capabilities, including justifying why you need the lifetime shifts requested.** *(limit 1500 characters including spaces)*

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*Be sure to click "Save" in the pop-up window.*

**Beamline 3 (if applicable)**

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| --- | --- |
| Resource (beamline) name: |  |
| Technique: |  |
| Shifts Requested (Lifetime):  |  |
| Shifts Requested (This Cycle):*(enter 0 if no shifts requested this cycle)* |  |

**Describe the experiments you will perform on this beamline for the lifetime of this proposal, including sample preparation, beamline requirements, data collection, and analysis.** *(limit 2500 characters including spaces)*

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**Justify the need for this beamline's capabilities, including justifying why you need the lifetime shifts requested.** *(limit 1500 characters including spaces)*

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*Be sure to click "Save" in the pop-up window.*

**Beamline 4 (if applicable)**

|  |  |
| --- | --- |
| Resource (beamline) name: |  |
| Technique: |  |
| Shifts Requested (Lifetime):  |  |
| Shifts Requested (This Cycle):*(enter 0 if no shifts requested this cycle)* |  |

**Describe the experiments you will perform on this beamline for the lifetime of this proposal, including sample preparation, beamline requirements, data collection, and analysis.** *(limit 2500 characters including spaces)*

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**Justify the need for this beamline's capabilities, including justifying why you need the lifetime shifts requested.** *(limit 1500 characters including spaces)*

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*Be sure to click "Save" in the pop-up window.*

**Beamline 5 (if applicable)**

|  |  |
| --- | --- |
| Resource (beamline) name: |  |
| Technique: |  |
| Shifts Requested (Lifetime):  |  |
| Shifts Requested (This Cycle):*(enter 0 if no shifts requested this cycle)* |  |

**Describe the experiments you will perform on this beamline for the lifetime of this proposal, including sample preparation, beamline requirements, data collection, and analysis.** *(limit 2500 characters including spaces)*

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**Justify the need for this beamline's capabilities, including justifying why you need the lifetime shifts requested.** *(limit 1500 characters including spaces)*

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*Be sure to click "Save" in the pop-up window.*