**2016 NSF Major Research Instrumentation (MRI)**

**Internal Downselect Application for** [**NSF 15-504**](http://www.nsf.gov/pubs/2015/nsf15504/nsf15504.pdf)

[MRI Downselect FAQ](https://www.research.psu.edu/limitedsubs/information/nsf-mri/nsf-major-research-instrumentation-program)

|  |  |
| --- | --- |
| **Instructions** | * Application Form: Enter responses by clicking in the gray box, the field will expand. Some fields are restricted to pre-defined lengths.
* Include a one-page project summary as specified by NSF including both intellectual merits and broader impacts.
* Include current NSF biosketches for the PI and co-PIs
* Print this application form as a PDF and combine it with the project summary and biosketches into a SINGLE pdf and email to limitedsubs@psu.edu by **September 2, 2016 at 4 PM.**
 |
|  ***Please note, if you are selected in the downselect as one of the proposals to go forward to NSF, the Strategic Interdisciplinary Research Office (SIRO) will be your submitting unit and will contact you within 1 week of your selection.*** |
| **Proposal Title** |       |
| **Principal Investigator** | **Name** |       |
|  | **College/Unit** |       |
|  | **Department** |       |
|  | **Phone** |       |
|  | **Email**  |       |
| **Externally Facing Co-PIs for proposal success: Co-PIs with strong NSF Funding** |       |
| **Potential users at Penn State**  |       |
| **Proposal Type (Must choose one)** | Click to Choose ONE |
| **Identify the academic administrator to serve as an advocate for the instrument (your associate dean of research or institute director)** |       |
| **1. What is the instrumentation and why should it be viewed as a priority for Penn State?** *(limited to 3500 characters) Include a description of shared-use within and across Penn State, including other campuses and institutions; diversity of team and users; research training and educational uses; and potential* Industry*/iCorps/IUCRCs connections.*  |
|       |
| **2. How does your proposal meet the NSF-MRI program goals***? (limited to 3500 characters) e.g. How would the instrumentation enable academic departments, disciplinary & cross-disciplinary units, and multi-organization collaborations to integrate research with* ***research training?*** |
|       |
| **3. Describe the research and training impact you anticipate if your proposal is successful.** *(limited to 3500 characters )* |
|       |
| **4. Where do you anticipate the instrumentation will be located? Who manages this space and have s/he agreed that it is a feasible location?** *(limited to 1000 characters )* |
|       |
| **5. Have any peer review comments been received on this application from any prior submission?** *(limited to 3500 characters ) (Note: if written reviews were provided, please attached them to this submission as pdfs.)* |
|       |
| **6. Provide the estimated total cost of the project (DO NOT ATTACH A FORMAL BUDGET).** (*limited to 3500 characters )* |
|       |
| **7. Provide an estimate of any additional expenses not expected to be covered through the grant (for example, renovations related to installation, staffing, maintenance) and summarize any related planning for how they might be covered.** (*limited to 3500 characters )* |
|       |
| **8.**  **Please summarize any previous applications for funding for this instrument, including the sponsor name and results.** *(limited to 2000 characters)* |
|       |
| **Optional: Additional information not addressed in the application.** *(limited to 2000 characters) (e. g. Is there similar instrumentation that is geographically close?)*  |
|       |

If you experience any problems with this form, please contact limitedsubs@psu.edu.