

**Pre-Clinical**

**Neuroimaging Pilot Grant**

**2023 APPLICATION**

AN INITIATIVE FUNDED BY

**Roberts Neuroscience Imaging Fund**

Submission Due Date: **April 3, 2023**

For study-related questions, please contact Yu-Chien Wu yucwu@iu.edu, Scientific Director for the Roberts Translational Imaging Facility

**UPLOAD via the Start a Submission link found here:** [**CTSI Neuroimaging Link**](https://indianactsi.org/translational-research-development/open-funding-opportunities#PCNI202304)

*Please note that you will be submitting through the Indiana CTSI’s grants management software WebCAMP.*

*The WebCAMP user’s guide is available under the funding announcement here:* [*https://www.indianactsi.org/researchers/funding/open-funding-opportunities/*](https://www.indianactsi.org/researchers/funding/open-funding-opportunities/)

For WebCAMP related questions, please contact Julie Driscol (judrisco@iu.edu / 317-278-2822)

**Indiana University School of Medicine Stark Neurosciences Research Institute (SNRI)**

**Pilot Pre-Clinical Neuroimaging Grant Program | 2023 APPLICATION**

**FOR APPLICATIONS FROM CO-PIs, INFORMATION AND SIGNATURES MUST REPRESENT BOTH PIs**

**PRINCIPAL INVESTIGATOR:**  **EMAIL:** **ORCID ID:**

**RANK       DEPARTMENT and SCHOOL:** **CAMPUS (if regional):**

**INSTITUTIONAL AFFILIATION:** **INSTITUTIONAL EIN or DUNS NUMBER:**

**Co-PRINCIPAL INVESTIGATOR (if applicable):**  **EMAIL:       ORCID ID:**

**RANK       DEPARTMENT and SCHOOL:** **CAMPUS (if regional):**

**INSTITUTIONAL AFFILIATION:** **INSTITUTIONAL EIN or DUNS NUMBER:**

**ADDRESS WHERE WORK WILL BE PERFORMED:**

**CO-PRINCIPAL INVESTIGATOR:**  **EMAIL:** **ORCID ID:**

**RANK       DEPARTMENT and SCHOOL:** **CAMPUS (if regional):**

**INSTITUTIONAL AFFILIATION:** **INSTITUTIONAL EIN or DUNS NUMBER:**

**Co-PRINCIPAL INVESTIGATOR (if applicable):**  **EMAIL:       ORCID ID:**

**RANK       DEPARTMENT and SCHOOL:** **CAMPUS (if regional):**

**INSTITUTIONAL AFFILIATION:** **INSTITUTIONAL EIN or DUNS NUMBER:**

**ADDRESS WHERE WORK WILL BE PERFORMED:**

**TITLE OF PROPOSAL:**

**Provide a brief specification that the contact PI is a new neuroscience investigator (Category 1), an established neuroscience investigator new to neuroimaging-related research (Category 2), or an established neuroscience investigator pursuing a high impact/high risk project or project that is a significant departure from the PI’s usual work (Category 3)**

CATEGORY **[ ]** BRIEF SPECIFICATION:

**IS THIS A RESUBMISSION: [ ]  No [ ]  Yes\***

**\*(if yes, a ½ page response to reviewers’ comments should be included)**

**BUDGET PERIOD (maximum 12 months):** From:**07/01/2023** To:**06/30/2024**

AMOUNT REQUESTED: $ (may not exceed $10,000)

 APPROVAL

YES NO PENDING PROTOCOL# DATE

BIOSAFETY? **[ ]**  **[ ]**  **[ ]**

VERTEBRATE ANIMALS? **[ ]**  **[ ]**  **[ ]**

DOES THIS PROJECT INVOLVE CLINICAL RESEARCH? **[ ]**  **[ ]**  **[ ]**

**REQUIRED APPLICANT AND INSTITUTIONAL SIGNATURES:**

“The undersigned applicant agrees to accept responsibility for the scientific and technical conduct of the research project and for provision of required progress reports if a grant is awarded as the result of this application. I understand that the second phase of the funding is contingent on successful completion of first phase milestones in all institutions unless specific request for exception is made and approved.”

**SIGNATURES MUST BE OBTAINED FOR EACH PI / CO-PI AND THEIR REPRESENTATIVE INSTITUTIONS**

|  |  |
| --- | --- |
| **IUSM**  | **Signature and Date** |
| Applicant |  |
| Department Head / Chair(1) |  |

(1) Departments of Medicine and Pediatric: Division Chief Signature is allowable in lieu of the Department Chair. Institutional Official Signature is not required for IUSM.

|  |  |
| --- | --- |
| **IUB, IUPUI, IU Regional Campus** | **Signature and Date** |
| Applicant |  |
| Department Head / Chair |  |
| School Dean |  |

|  |  |
| --- | --- |
| **Purdue University**  | **Signature and Date** |
| Applicant |  |
| Department Head / Chair |  |
| Institutional Official(1) |  |

(1) Signature approval by Pre-Award Center Manager is required by Purdue University.

|  |  |
| --- | --- |
| **University of Notre Dame** | **Signature and Date** |
| Applicant |  |
| Department Head / Chair |  |
| Notre Dame investigators MUST indicate their intent to submit to this opportunity by submitting the request through [NDp3](https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Finside.nd.edu%2Ftask%2Fall%2Fndp3&data=05%7C01%7Cjudrisco%40iu.edu%7Cdabce171ff0d404d754008da2de63de6%7C1113be34aed14d00ab4bcdd02510be91%7C0%7C0%7C637872764204681776%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=8L5JGnzHtM1T7yffte5eo03JvEj5G1tTYzhcxEEB30c%3D&reserved=0), Notre Dame Research's proposal intake form available on InsideND and completing the required questions in the Proposal Intake Form.  This action triggers contact from your Pre-Award research administrator.  This must be done BEFORE uploading your application into the Indiana CTSI grants site.  |

**ABSTRACT** Provide a brief summary of your project in **500 words or less**. Include the project’s broad, long-term objectives and specific aims, a description of the research design/methods for achieving the stated goals, and neuroscience interdisciplinary collaborations.

**RESEARCH PLAN** Provide up to 2 pages for the project’s research plan in NIH style (specific aims, significance, innovation, and approach).

The research plan should address the following review criteria: ***i)*** ***Quality*** – high standards of scholarship; ***ii)*** ***Impact*** – the results of the proposed project must show a strong potential for subsequent extramural funding (for example; NHGRI, NIA, NIAAA, NIBIB, NIDA, NIMH, NINDS, DOD, and/or the VA). ***iii) Future plan*** - briefly specify plans for publication, applying extramural funding, and timeline; and ***iv) Resubmission*** - applications are permitted an additional ½ page to describe how the current proposal specifically addressed the previous reviewers’ comments.

**References** (not included in page limit)

**Required Additional Pages (Appendices)**

* **A List of all key personnel**
* **NIH Biosketch** for PI(s) only in new format, limited to 5 pages each
* **Budget** in NIH format with budget justification, limited to 1 page
1. Supplies and costs must relate directly to the performance of the project.
2. Travel and faculty salaries are not allowed.
3. Student stipends are not allowed.
4. Core costs should be budgeted at the internal rate.
* **Previous reviewers’ comments if this is a resubmission**
* **Letters of Support from collaborators**
* **Letter of Support from Core Director**

Principal Investigator (Last, first, middle):

|  |  |
| --- | --- |
| Principal Investigator/Program Director (Last, First, Middle): |       |
|  |
| SENIOR / KEY PERSONNEL REPORT | Project Title      |
| All Senior / Key Personnel for the one year budget period must be listed below. |
| Name | Degree(s) | Role on Project(e.g. PI, Res. Assoc.) | Institutional Affiliation | Effort Devoted to Project |
| Cal | Acad | Sum |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|       |       |           |       |       |       |       |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

OMB No. 0925-0001 and 0925-0002 (Rev. 10/2021 Approved Through 09/30/2024)

**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME:

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE:

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

| INSTITUTION AND LOCATION | DEGREE*(if applicable)* | Start DateMM/YYYY | Completion DateMM/YYYY | FIELD OF STUDY |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**A. Personal Statement**

**B. Positions, Scientific Appointments and Honors**

 **C. Contributions to Science**

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Principal Investigator (Last, first, middle): **YEAR 1**

|  |  |  |
| --- | --- | --- |
| **DETAILED BUDGET FOR YEAR 1 BUDGET PERIOD****DIRECT COSTS ONLY** | FROMJuly 1, 2023 | THROUGHJune 30, 2024 |
| PERSONNEL *(Applicant organization only)* |  | % |  | DOLLAR AMOUNT REQUESTED *(omit cents)* |
| NAME | ROLE ONPROJECT | TYPEAPPT.*(months)* | EFFORTONPROJ. | INST.BASESALARY | SALARYREQUESTED | FRINGEBENEFITS | TOTAL |
|       | PrincipalInvestigator |     |     |      |      |      |      |
|       | Collaborator |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|  **SUBTOTALS** |        |       |       |
| SUPPLIES  |      |
| ANIMAL COSTS |      |
| OTHER EXPENSES |      |
| TOTAL DIRECT COSTS FOR YEAR 1 BUDGET PERIOD |  |

BUDGET JUSTIFICATION:

**Sample Letter from Core Director**

<Date>

Principal Investigator:

Proposal Title:

Dear Committee Members:

I have reviewed this project with the principal investigator and support its consideration for pilot funding.

***[In the remaining paragraph(s) the director should describe the pilot investigator’s intended use of the facility and the cost involved, assessing the center’s ability to support the study, the experimental design as it relates to the facility and the time line is appropriate.]***

I certify that:

□ The core has the capability to perform the work outlined in the application

□ The budget requested can cover the work to be performed in the core (if additional monies have not been identified)

□ The experimental design proposed for the facility is appropriate and can accomplish the stated purpose

Sincerely,

Core Facility Director Signature Block