**Seed Grant Program Application 2022-2023**

**Translational Neuroimaging and Neurophysiology Core**

**Seed Grant Funding Purpose**

To provide funds for access to the fully modernized high-quality multimodality human and small animal neuroimaging and neurophysiological recording facilities, with a primary emphasis on specialized resources to accommodate measurements in difficult-to-test vulnerable pediatric IDD populations. Grants of up to $5,000 are allowed and once approved must the spent within 12 months. Pilot grant money can only be used towards use of the core equipment and technical staff and the money will be deposited within those cores for access by approved investigators who have successfully competed for pilot grants.

|  |  |
| --- | --- |
| **Due Date:** | Rolling application |
| **Project Duration:** | One year |

**Amount**

A maximum of $7,500 is allowed.

**How to Apply**

Complete Sections 1 and 2 using Arial 11-point font, single-spaced. A bibliography is not required but may be included within the two-page limit. Do not alter margins, delete form text, or exceed the two-page form limit. Section 13a is to be completed only for resubmissions of a full grant application.

**Review**

* To determine if the investigator project is compatible with Core capabilities, investigators meet with either Dr. Jianhui Zhong or Dr. Ed Freedman. Each proposal will be evaluated by Drs Zhong and Freedman and they will make subsequent funding decisions based on evaluations and project feasibility.
* Drs. Zhong and Freedman rapidly review requests, advise users on experimental design, and interface with the directors of each Core component to design the best possible approach and alert staff members to upcoming studies and the training/assistance required.

**Awardee Responsibilities**

Awardees are required to:

* present their preliminary data at an IDDRC event at the end of the funding period describing how the funds were used, what data were collected, and how the data will be used to target an external funding opportunity.
* confirm submission of the grant for which the pilot funds were used or describe why the grant will not be submitted (i.e., pilot data were not compelling).  Note that the grant does not need to be submitted during the funding period.
  + provide feedback as to the funding/scoring of the grant submission and any revisions of the submission.
* submit a progress report 6 months after project commencement, and a final progress report along with a core user survey at the end of the funding period. The final progress report should describe the research activities undertaken, status of manuscript development if applicable and plans to secure extramural funding and any other research work that is planned. Awardess will be expected to cite funding support in any publication or grant that results from data collected through this award. Sample text below.

***This publication (or project) was supported by P50 HD103536*** ***provided by the DHHS/PHS/NIH.*** ***The content is solely the responsibility of the authors and does not necessarily represent the official views of the Funder. a, b***

aThe grant must also be associated with publications in "[**My Bibliography**](http://www.ncbi.nlm.nih.gov/books/NBK53595/)" on PubMed/NCBI.  
bPublications must be compliant with the [**NIH Public Access Policy**](https://publicaccess.nih.gov/).

**Submission Instructions**

Submit your LOI to [sherry\_mentor@urmc.rochester.edu](mailto:sherry_mentor@urmc.rochester.edu)

**Section 1**

|  |  |  |
| --- | --- | --- |
| **1** | **Date of Application** |  |
| **2** | **PI/Applicant Name**  (first, last, degree(s)) |  |
| **3** | **Department and Academic Rank** |  |
| **4** | **PI/Applicant Email Address & Telephone** |  |
| **5** | **Department Administrator Name and email** |  |
| **6** | **Mentor/Co-Investigators** (name, institution, academic rank, email address) |  |
| **7** | **Project Title** |  |
| **8** | **Has your project received RSRB or UCAR approval?**  Yes  No  Submitted, but have not received a response | |
| **9** | **Is this project funded through another funding mechanism (specify): Schindler Foundation**  Yes  No | |
| **10** | **Hypotheses and Objective of the Project** **(max 500 words)** | |
| **11** | **Overview of the Study Design/Methods (max 500 words)** | |
| **12** | **Relevance to the Scientific Field of IDD (max 100 words)** | |
| **13** | **Future Plans (max 250 words)**: Explain how pilot study will be developed into an extramural grant proposal | |
| **14** | **Is this a resubmission of a previously reviewed (but not funded) Pilot Project Program application that was submitted to another URMC department?**  Yes  No | |
| **14a** | **Resubmission (500 words):** If this LOI is a first resubmission of a previously reviewed but not funded full pilot application, up to a half-page may be appended to the end of this template to respond to reviewer comments; this half-page does not count in the two-page limit. | |

**Section 2**

### The following sections are not included in page limits

## Budget and Budget Justification Total requested costs may not exceed $7,500. Detail expenses and explain how funds are to be used. Address any overlap between funds requested and funding already received for this research (if applicable).

## Please include the following budget categories:

|  |  |  |  |
| --- | --- | --- | --- |
| **Service** | **IDDRC member rate** | **IDDRC non member rate** | **Requested**  **Amount** |
| Human 3.0 Tesla MRI | $400/hr | $625/hr |  |
| Human 0.0 Tesla Mock MRI | Free | $40/hr |  |
| MoBI room (includes technical support) | $150/hr | $300/hr |  |
| Eye Tracking (includes technical support) | Free | $40/hr |  |
| Small animal MRI (**operational Jan 2022**) | $150/hr | $300/hr |  |
| **Total Direct Costs** |  |  |  |

**Budget Justification**