IDI TRAINEE TRANSFORMATIVE RESEARCH GRANT: COVER SHEET

Project title:

Applicants name:______________________________
Applicant’s signature:_________________________ Date:____________________
Applicant is a member of IDI  □

Co-applicants name:____________________________
Co-applicant’s signature:_______________________ Date:____________________
Co-applicant is a member of IDI  □

Applicant’s PI:
PI’s name:______________________________
PI signature:_______________________________ Date:____________________
PI is a member of IDI  □
This project is not part of an ongoing collaboration or closely related to an ongoing collaboration between these laboratories  □

Co-applicant’s PI:
PI’s name:______________________________
PI signature:_______________________________ Date:____________________
PI is a member of IDI  □
This project is not part of an ongoing collaboration or closely related to an ongoing collaboration between these laboratories  □
The goal of this funding mechanism is to provide support for trainee driven small, up to $2,000, transformative research grants. Applicants will be trainee members of IDI performing research that falls within the scope of the IDI. Trainee members include research assistants/associates, graduate students, postdoctoral fellows, research scientists and medical fellows.

Applicants should identify an aspect of their project that would benefit from a collaborator with expertise not currently available in their own laboratory. The applicant needs to justify how this grant would increase the impact of their study, their ability to publish their research and/or how the proposed studies might lead to new directions for their project.

The applicant should identify a PI at Ohio State or Nationwide Children’s Hospital whose group has the necessary expertise. This cannot be a core facility. The PI will connect the applicant with someone in their lab that can provide technical and intellectual input to allow completion of the proposed experiments. This person acts as the co-applicant, with their PI’s approval. The expectation is the applicant and co-applicant will work together on the proposed experiments. If the experiments are successful, this should result in a publication between the two laboratories.

Requested funds can be used for reagents, software, animals, computing time, core facilities charges, or other appropriate costs, not including salary. If using a core facility or external provider, the data generated must be further utilized by the applicant and co-applicant to advance their joint study.

The potential range of projects is wide, but to provide some indication of possible collaborations two examples are provided below.

1) A trainee has identified a potential glycan receptor for a viral protein using a glycan array. This receptor is not commercially available, but the applicant has identified a lab that synthesizes similar carbohydrate structures and is willing to enter a collaboration to synthesize this structure, which the applicant will use in binding studies.

2) A laboratory has identified a host molecule, expression of which is induced during a bacterial infection. The applicant wants to identify specifically which cell type(s) are responding and identified a laboratory that routinely performs similar studies. The applicant asks for funds to submit the tissues to a core facility for embedding and slicing and for subsequent analysis in collaboration with the co-applicant by fluorescent staining, microscopy and image analysis.

**SUBMISSION AND REVIEW PROCESS**

Proposal will include:

1) Cover form including PI signatures
2) A description of the project including the proposed experiments, justification of the need for these experiments (including mention of the trainee’s independent initiation of the project), and justification of collaborating PI and co-applicant (2 page limit – including figures, tables and references. Single spaced, one inch margins)
3) Applicant and co-applicant CVs
4) Detailed budget (How the funds will be used; no specific format)
5) Budget justification

There will be two deadlines each year: April 1st and October 1st for an earliest start date of June 1st and December 1st, respectively. Applications must be submitted to IDI@osu.edu as a single PDF and are due by 5:00 PM eastern on the due date. If the due date falls on a weekend or University holiday, the due date is the next business day.

Proposals fulfilling program requirements will be reviewed by the IDI Interdisciplinary seed grant committee. These reviews will be used to select recipients and will be provided to applicants in order to strengthen future applications. Applications can be resubmitted on one additional occasion.
TRAINEE TRANSFORMATIVE RESEARCH GRANTS: APPLICATION

APPLICATION REQUIREMENTS

1) The applicant and their PI have to be members of IDI prior to the application being submitted. The co-applicant and their PI have to join IDI if the grant is awarded.
2) Applicants and co-applicants can only be named on one application per cycle.
3) Applicants would not be eligible for a second award within a two-year period.

Expectations of receiving the award are:

1) The supported experiments will be conducted within 6 months of receiving funding.
2) The applicant and co-applicant should attend each other’s laboratory meetings at least once a month for six months, with the aim of identifying other areas of potential synergy and providing an additional educational opportunity.
3) After six months a short report, approximately 1 page, detailing how the funding transformed the project and plans for presentations and publications will be provided to the education committee (submit to IDI@osu.edu).
4) The applicant will notify IDI of any presentations, abstracts and publications that result from the funding.
5) The applicant and co-applicant agree to present at an IDI affiliated seminar/work in progress series or the IDI annual scientific meeting.