Indiana Clinical and Translational Sciences Institute (CTSI)  
KL2 Young Investigator Awards in Clinical - Translational Research

**Background and Instructions**

The Indiana Clinical and Translational Sciences Institute (CTSI) is seeking applicants for CTSI KL2 Young Investigator Awards in Clinical - Translational Research. These awards are designed to provide promising junior faculty investigators the opportunity to be mentored in research-intensive, multi-disciplinary settings toward the goal of developing careers in clinical - translational research.

The National Center for Advancing Translational Sciences (NCATS), defines translation as the process of turning observations in the laboratory, clinic, and community into interventions that improve the health of individuals and the public. This includes a wide range of research that consists of diagnostics and therapeutics, medical procedures, and behavioral change. [https://ncats.nih.gov/translation](https://ncats.nih.gov/translation)

Emphasis of CTSI KL2 Young Investigator awards are to move findings from basic laboratory and clinical research (referred to as T1 research) toward the development of new treatment options/interventions (referred to as T2 research) and eventual dissemination and implementation (T3+ phases of translational research). The goal of the CTSI is to make awards at all of these levels.

It is important that the translational research have clear applications to human disease and health outcomes. To that end, KL2 Young Investigator training and career development through this CTSI program is viewed as a collaborative endeavor among the trainee, the primary mentor, and the co-mentor. Therefore the application must be completed by both the primary mentor and the applicant.

**Opportunities available to CTSI Young Investigator Awardees**

- Up to 75% salary support (capped at $75,000 annually).
- $ 7200 research funding per year of award for pilot research, training and travel related expenses.
- Participation in Project Development Team practicum to enhance protocol development skills.
- Young Investigator workshops and coursework focused on research career development.
- Attendance, including poster presentation at: 1) National Association for Clinical and Translational Science (ACTS) meeting in Washington DC each spring that involves similar trainees from more than 50 other research institutions; 2) Annual Indiana CTSI meeting.
- Award is for 2 years (with 2nd year of funding contingent upon satisfactory progress during year one).
Eligibility Criteria

Individuals must meet ALL ten (10) of the following eligibility criteria in order to apply:

1. Applicants must fall into 1 of the following 2 categories:
   - Clinician-scientist with a doctoral degree (physicians, nurses, dentists, pharmacists, clinical psychologists, optometrists, veterinarians, allied health care professionals, etc.).
   - Basic or other non-clinician scientist with a doctoral degree who is doing translational research and has high potential for early translation into impacting patient care.

2. Only U.S. citizens and permanent residents are eligible to apply.

3. Applicants must have a full-time faculty appointment at one of the CTSI campuses, Indiana University-Purdue University at Indianapolis, Indiana University at Bloomington, Purdue University at Lafayette, or the University of Notre Dame, and be eligible to apply for extramural funding but who have to date, not been a principal investigator on an R01 or equivalent grant.

4. Applicants must be within the first 5 years of his or her faculty appointment at the time of the award (July 1, 2020), and faculty appointments cannot be contingent upon receipt of the career development award.

5. Applicants must be able to commit a minimum of 75 percent of full-time professional effort to conducting research and to any training activities associated with the KL2 program, except for those in surgical specialties, which can have no less than 50 percent of full-time professional effort for this program, if sufficiently justified and programmatically approved.

6. If the applicant successfully competes for this KL2 award, a copy of his or her current Memorandum of Understanding (MOU) may be requested by the CTSI and will be revised to extend the period of protected time currently guaranteed by the trainee’s department or school. For example, if the awardee has 2 years of protected research time left on his or her start-up package, the new MOU will be extended to 4 years of protected time (the original 2 years plus the additional 2 years supported by the KL2 award).

7. The CTSI KL2 salary award is capped at $75,000 annually. The recipient institution may supplement the NIH salary contribution on K awards up to a level that is consistent with the institution’s salary scale. For effort directly committed to the K award, salary supplementation is allowable but must be from non-Federal sources, (including institutional sources). Non-Federal or institutional supplementation of salary must not require extra duties or responsibilities that would interfere with the goals of the K award. For effort not directly committed to the KL2 award, KL2 award recipients may devote effort, with compensation, on Federal or non-Federal sources as the PD/PI or in another role (e.g. co-I), as long as the specific aims of the other supporting grant(s) differ from those of the KL2 award.

8. At the time of their appointment (July 1, 2020) KL2 Scholars must not have pending an application for any other PHS mentored career development award (e.g. K07, K08, K22, K23) that duplicates any of the provisions of the K component. Former or current PDs/PIs on any NIH research project grant [this does not include NIH small grants (R03), exploratory Development (R21) or SBIR, STTR (R43, R44 grants)] or equivalent non-PHS peer reviewed grants that are over $100,000 direct costs per year, or project leaders on sub-projects of Program project (P01) or center grants (P50) are NOT eligible to participate. Appointed KL2 Scholars are encouraged to apply for individual mentored K awards (e.g.
K07, K08, K22, K23) and independent awards (R01, R03, R21); if successful, KL2 Scholars may be required to reduce effort on the mentored career award to a minimum of .50 FTE and hold concurrent support from their mentored career award and a competing PHS research grant on which they are the PD/PI or component lead or terminate their KL2 appointment, depending on Program requirements.

9. Candidates must receive interdisciplinary mentorship from a clinician or clinician-scientist with a doctoral degree and a basic or non-clinician scientist with a doctoral degree. This means there must be at least two mentors (i.e. one person cannot fill both roles). Either one may serve as primary mentor.

10. Candidates must plan to submit a grant for external funding (either a career development award or independent research grant) during the first 12 months of the award.

**Criteria for a successful application include:**

- Candidates must have a primary mentor, and a co-mentor, who are faculty investigators from two different disciplines (preferably a clinician-scientist, and a basic or non-clinician scientist).
- Candidates must have interest in multi- and inter-disciplinary scientific training in translational research consistent with the ongoing work of the primary and co-mentors.
- Training plan (e.g., proposed courses, workshops, seminars, or other formal educational experiences relevant to the proposed research). Formal coursework may be important for applicants with a clinical doctoral degree, but less formal research training, than for individuals with a PhD or masters-level research degree.
- Primary mentor must have a research program that is peer reviewed and extramurally funded.
- Department Chair must provide a letter assuring that the candidate will have 75% protected research time during the award period.

**Before submitting an application:**

- Forward a copy of your curriculum vitae to Patricia McGuire at pcmcguir@iu.edu.
- We will review your CV to verify your eligibility to apply for this award. Please be advised to complete this step by December 18, 2019 as part of the pre-application approval process.

**** See Instructions for Submission on next page ****
INSTRUCTIONS FOR SUBMISSION

Please use the following checklist with your application:

Applicant:

1. Completed Application Intake Form
2. Completed Application
3. Curriculum Vitae
4. Two letters of recommendation (one should be from the primary mentor)
5. Letter from Department Chair stating the current level of protected time provided to the candidate and assuring 75% protected research time during the award period.

Primary Mentor:

1. Brief curriculum vitae (NIH 5-page Biosketch is preferred). The intent is to indicate research publications and grant support.
2. Letter of support (counts as one of the two letters of recommendation required above).

Co-Mentor:

1. Brief curriculum vitae (NIH 5-page Biosketch is preferred). The intent is to indicate research publications and grant support.

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

Please allow enough time to be familiar with a new system. The WebCAMP user's guide is also available under the funding announcement here: https://indianactsi.org/translational-research-development/open-funding-opportunities/

Information on how to submit can be found here: CTSI KL2 Link

Please submit all required documents/materials in one electronic file here: Start a Submission

Applications must be received by January 6, 2020
Please direct all questions regarding the application process to:

Patricia McGuire, Program Manager
CTSI KL2 Young Investigator Award Program
Health Information and Translational Sciences Bldg.
410 West 10th Street
Indianapolis, IN 46202-4800
Phone: 317-278-2824
E-mail: pcmcguir@iu.edu