

REQUEST FOR APPLICATIONS (RFA)

Research Education, Training and Career Development (CTSI-Ed)

Translational Research Development Program (TRDP)

- Awards of up to \$16,000 in research funds available over two years
- Monthly Seminar Series with topics in translational science and career development
- Vertically integrated events with faculty scholars conducting translational research
- National Translational Science Meeting (ACTS) in Washington, DC
- Available to (1) predoctoral trainees pursuing a PhD (or dual degree with a PhD) who have passed their written and oral preliminary examinations; (2) PhD postdoctoral trainees within 3 years of completing their PhD; (3) MD or MD/PhD medical fellows or postdoctoral trainees no more than 3 years into their appointment as a fellow or postdoc
- Up to 2 scholars will be awarded
- Start date January 1, 2019
- **Application due October 1, 2018 at 12:00 p.m. (noon)**

1. NATURE AND PURPOSE OF THIS RFA

The Clinical and Translational Science Institute (CTSI) will provide institutional research funds for predoctoral and postdoctoral trainees with a demonstrable and significant interest in clinical or translational research focused on human health. The program aims to provide an opportunity for early stage investigators to gain significant experience with clinical and translational research as a foundation for the development of an independent research career focused on human health.

Funds are designed to support a modest research project that will result in a publication in a peer reviewed journal. The TRDP project is secondary to the applicant's primary research endeavors and must advance the trainee's research along the clinical and translational research spectrum (see below). For example, a TRDP project for a trainee currently conducting basic research (T0) should be in the T1, T2, T3, or T4 translational categories. Similarly, a trainee currently conducting health services research (T3) should develop a TRDP project that demonstrates a clear movement toward the T4 category.

A portion of the funds may also be used to support didactic coursework or attendance at workshops that will facilitate successful completion of the TRDP project by developing the applicant's skills in clinical and translational research.

The Translational Research Development Program will award up to 2 trainees, with a maximum award of \$16,000 in research funds. In addition to the awardee’s current primary research mentor, awardees must engage a translational mentor who will help advise and guide the TRDP project. This TRDP mentor may be a senior faculty member who conducts clinical or translational research, or a biostatistician at the University of Minnesota who will provide significant mentoring for the project.

Applications from under-represented populations are strongly encouraged.

2. CRITERIA FOR FUNDING

Applicants must meet the following eligibility criteria:

- Predoctoral applicants must be pursuing a PhD in a PhD graduate program or PhD dual degree program, have passed their written and oral preliminary examinations, and obtain the support of their research advisors.
- PhD postdoctoral applicants must be within 3 years of completing their PhD at the time of application.
- MD or MD/PhD medical fellow applicants or postdoctoral applicants must be no more than 3 years into their appointment as a fellow or postdoc at the time of application.
- Engage full-time in research or educational activities related to the applicant’s research activities during the period of the TRDP award.
- For questions, contact Program Manager, Angela Merrifield at amerrifi@umn.edu.

Awardees will be selected based on the following criteria:

- Achievements of the applicant to date
- Potential and commitment of the applicant to an independent research career
- Feasibility and novelty of proposed project
- Ability of the TRDP project to advance the trainee along the clinical and translational research spectrum
- Potential of the TRDP project to foster the development of distinctly new clinical or translational research skills that are more than incremental training
- Support of the applicant’s primary research mentor for the TRDP project
- Qualifications of the TRDP mentor and commitment to the applicant’s interests in developing expertise in clinical or translational research
- Quality of the training environment(s)

2. REQUIREMENTS

Requirement	Duration/Frequency
Engage in full-time research or educational activities related to the applicant’s research activities during the period of the TRDP award	Continuous
Submit an Individual Development Plan that will identify strategic goals and strategies associated with the trainee’s objectives for the TRDP award	Year 1
Submit progress report annually and at the end of the award period (for two-year awards). Progress reports must document the efforts of the	Years 1 and 2

trainee to submit a peer-reviewed manuscript incorporating research results obtained with this grant. For two-year awards, a minimum of one peer-reviewed manuscript incorporating the research results obtained should be submitted for publication by the end of the two-year award period. Trainees will present their first year progress to members of the Multidisciplinary Advisory Committee and program leadership for assessment and guidance	
Attend the National Translational Science (ACTS) annual meeting, in Washington, DC, and submit an abstract to present a poster or talk at least one year during the award. This conference is typically held in April. Research funds should be budgeted to cover travel expenses associated with the conference	Year 1 or 2
Present research at the CTSI annual Poster Session in September	Years 1 and 2
Attend Translational Research Retreat	Twice/year
UMN/Mayo Joint Meeting	Once/year
Participate in monthly TRDP Scholar meetings sponsored by CTSI-Ed with >75% attendance	Continuous
Meet with TRDP project mentor	Once/month or more
Hold a team meeting with primary mentor and TRDP project mentor no less than twice/year	Twice/year or more

4. FUNDING

- Up to \$16,000 total available over two years
- Carry forward of funds after two years will not be permitted

Funds must be designated for the direct support of the research-training plan. No funds will be available to support stipends. In general, funds should be primarily used for research and educational activities such as supplies, travel, and tuition for training specifically related to the project.

5. INFORMATION FOR APPLICANTS WITH NIH F-AWARDS

If you are a trainee who will be supported by an individual peer-reviewed NIH F-series fellowship (F30, F31, F32, etc.) during the period of TRDP support being requested, you must obtain pre-approval from your NIH program officer. Contact Program Manager, Angie Merrifield at amerrifi@umn.edu with questions.

6. FULL PROPOSAL CONTENT AND INSTRUCTIONS

Submit applications online at <https://z.umn.edu/trdp>

Complete and submit your application and upload all required documents through the submission link above by 12:00 p.m. noon on October 1, 2018. The submission site will automatically close at 12:01 p.m. Late or partially completed applications will not be accepted.

APPLICATION COMPONENTS		
<p>Formatting instructions: All typed documents must be Arial 11 pt font, ½ inch margins, single-spaced. Upload all documents as PDFs.</p>		
1	Applicant Information	Online form
2	<p>Research Proposal to include:</p> <ul style="list-style-type: none"> • Project Title • Aims • Significance • Innovation • Approach • Incorporation of biostatistical analysis in the Research Proposal • Plans for advancing the project's research findings to early stage testing in humans (translation plan). 	Up to 3 pages, exclusive of references
3	<p>Training Objectives:</p> <ul style="list-style-type: none"> • Title and summary of applicant's primary research project • Describe the relationship of the applicant's primary research project to the TRDP project • Describe how the TRDP project advances the applicant's research along the clinical and translational research spectrum, and develops distinctly new translational and clinical skills • List any planned formal training activities (courses, workshops, etc.) • Value of participation in TRDP proposal to applicant's career goals 	1 page
4	<p>Budget: use NIH budget sheet</p> <ul style="list-style-type: none"> • Include required travel to ACTS meeting <p>Download this form on the TRDP website (http://z.umn.edu/trdp)</p>	Up to 3 pages
5	<p>NIH Biosketch/Other Support</p> <ul style="list-style-type: none"> • Include personal statement that outlines career goals • Include manuscripts In Press and Submitted • Include pending grant applications 	
6	Primary Research Mentor NIH Biosketch/Other Support	

Release date: July 13, 2018

7	Mentor – Mentee Compact completed with TRDP mentor <i>Download this form on the TRDP website (http://z.umn.edu/trdp)</i>	Upload completed form
8	TRDP Mentor NIH Biosketch/Other Support	
9	Support letter from Primary Research Mentor	Up to 2 pages
10	Support letter from TRDP Mentor	Up to 2 pages