



## CENTER FOR CLINICAL AND TRANSLATIONAL SCIENCE

### PRE- and POST-DOCTORAL FELLOWSHIP TRAINING PROGRAM IN CLINICAL AND TRANSLATIONAL SCIENCE REQUEST FOR TRAINEE APPLICATIONS

The UMass Center for Clinical and Translational Science received its first Clinical and Translational Science TL1 Training grant under the direction and senior leadership of Drs. Silvia Corvera and Kate Lapane.

The TL1 will engage pre- / post-doctoral fellows in training across the entire translational spectrum (T0: bench science, T1: translation to humans, proof of concept, phase 1 trials; T2: translation to patients: phase 2 and 3 trials; T3: diffusion to clinical practice, Phase 4, outcomes; and T4: population-based outcomes research) to participate in a common clinical and translational science program on our UMMS campus.

*Note:* T0 only projects will not be part of this program.

#### *The TL1 program seeks to:*

- Train and nurture highly qualified pre-doctoral and post-doctoral trainees through the provision of a novel, multifaceted, rigorous TL1 program in clinical and translational research;
- Provide trainees with strong mentoring teams, rigorous academic training tailored to their research interests, and technical skills necessary to ensure success as independent investigators and contributors to team science; and
- Provide “hands on” research experience within transdisciplinary teams building on the strengths of current linkages between UMass Departments, Centers, and Institutes.

**The Post-Doctoral Fellowship Training Program has one (1) open slot and is now requesting applications.**

**Eligibility:** Please see <http://grants.nih.gov/grants/guide/rfa-files/RFA-TR-14-009.html>

- Applicants must show evidence of high academic performance in the sciences and commitment to a career as an independent researcher.
- Postdoctoral candidates must have received a PhD, MD, DO, DC, DDS, DVM, OD, DPM, ScD, DrPH, DNSc, PharmD, PsyD, or equivalent doctoral degree from an accredited domestic or foreign institution.
- Post-doctoral fellows will be expected to complete the Masters of Science in Clinical Investigation (MSCI) degree
- By the time of the award, the individual must be a citizen or a non-citizen national of the United States or have been lawfully admitted for permanent residence (i.e., possess a currently valid Permanent Resident Card USCIS Form I-551, or other legal verification of such status).
- Applicants shall not propose research with a “foreign component” as defined by NIH, see [https://grants.nih.gov/grants/policy/nihgps\\_2013/nihgps\\_ch16.htm](https://grants.nih.gov/grants/policy/nihgps_2013/nihgps_ch16.htm)

The successful applicant will have a strong mentoring team committed to help develop the candidate’s research

career. Applicants must identify faculty members from across the translational continuum (at least one basic science and one clinical/translational). The mentors should provide complementary expertise necessary to accomplish the proposed research project which is relevant to human health and includes one component of NIH defined clinical and/or translational research. Faculty members with a GSBS affiliation are eligible to be a mentor for award applicants.

Applicants must be a member of the UMass Center for Clinical and Translational Science (UMCCTS). You can apply for membership by accessing the UMCCTS website and completing the online membership form at:

<https://umassmed.edu/ccts/about/membership/>

Individuals from underrepresented groups, individuals with disabilities, and individuals from disadvantaged backgrounds are encouraged to apply.

**Duration of Support:** Funding for two years of support provided. Trainees may apply for an additional year.

**Amount of Support:** Based upon the NIH stipend schedule as outlined in the links below. Please note that a faculty sponsor may be able to supplement the stipend as long as it is not from federal sources.

<https://grants.nih.gov/grants/guide/notice-files/NOT-OD-16-134.html>

<https://grants.nih.gov/grants/guide/notice-files/NOT-OD-17-002.html>

## How to Apply:

**Post-doctoral candidates need to submit** the following, based on sections from a standard NIH F32 application with the following page limits (in parentheses):

- Title Page: title of project, applicant's name and contact information, PI name, sponsor name (if applicable), # previous years of NIH fellowship support, and abstract (300 word maximum) (1 page)
- Research Training Plan (2 pages)
- Specific Aims (1 page)
- Research Strategy (2 pages)
- References (1 page)
- Respective Contributions (*if applicable* - 0.5 page)
- Selection of sponsor (*if applicable* - 0.5 page)
- Goals for Training and Career (1 page)
- Doctoral Dissertation and Research Experience (if applicable - 1 page)
- Biosketch of applicant and sponsor(s) (NIH guidelines, 5 pages each)
- Letters of support from sponsor(s), collaborators, and other contributors (6 pages total)
- 2 Letters of reference, not from sponsor (1 should be from thesis advisor, if applicable)
- Demographic data (Please note that NIH requires that we ask for this information):
  - 1) Gender
    - a) Male
    - b) Female
    - c) Would rather not answer
  - 2) Ethnicity
    - a) Hispanic or Latino
    - b) Non-Hispanic
    - c) Would rather not answer
  - 3) Racial category
    - a) American Indian or Alaska Native

- b) Asian
  - c) Native Hawaiian or other Pacific Islander
  - d) Black or African American
  - e) White
  - f) More than one race
  - g) Would rather not answer
- 4) Do you have a disability? ([http://grants.nih.gov/training/faq\\_diversity.htm](http://grants.nih.gov/training/faq_diversity.htm))
- a) Yes
  - b) No
- 5) Do you come from an economically disadvantaged background? ([http://grants.nih.gov/training/faq\\_diversity.htm](http://grants.nih.gov/training/faq_diversity.htm))
- a) Yes
  - b) No
- 6) How many prior months of full time research experience do you have?
- 7) What was your undergraduate GPA?

### Submission Deadline Date:

Send completed applications on or before **Tuesday, January 16<sup>th</sup>, 2018 by 5:00 PM** to: [ccts@umassmed.edu](mailto:ccts@umassmed.edu)  
 Information is available at: <http://www.umassmed.edu/ccts/education/t-training-program>

**Awardees will be required to submit “Just-in-Time” information PRIOR to making an award.**

- **Certifications**

- If Human Subjects are involved, please provide the assurance type and number (if changed from the initial submission) and the Certification date of IRB Review and Approval. Pending or out of date approvals are not acceptable.
- If Vertebrate Animals are involved, please provide the assurance number (if changed from the initial submission), verification of IACUC approval with date, and any IACUC imposed changes. Pending or out-of-date approvals are not acceptable.

- **Human Subjects Education**

For grants involving Human Subjects, provide certification that each person identified under Key Personnel involved in human subjects research has completed an educational program in the protection of human subjects.

- If the project will include **human subject research studies**, these must conform to the NIH policies on the inclusion of women, minorities, and children in study populations. Details of such studies, including a description of the population and the rationale for inclusion/exclusion of women and minorities, must be provided to the Clinical Research Scholar program office before any awardees undertake such studies.
- Data for the CCTS **All Personnel Report** (PHS 2590 form page 7).

Awardees will be expected to complete periodic progress reports according to UMCCTS and NIH guidelines.

### Questions?

Please contact Nate Hafer, PhD, Director of Operations, UMCCTS at: [Nathaniel.Hafer@umassmed.edu](mailto:Nathaniel.Hafer@umassmed.edu)