



## Frequently Asked Questions

### TL1 Pre-Doctoral Traineeship in Clinical and Translational Research

#### Who Can Be a TL1 Trainee?

Full time, U.S. citizen or permanent resident students earning either

- A PhD in Clinical Investigation,
- A PhD in a clinical research-related doctoral degree program *with* a focus on the Fundamentals of Clinical Research (13-14 credits), or
- A dual degree that combines a doctoral level professional degree and a clinical research-related advanced degree.

Eligible Degree Earners	
PhD	Clinical Investigation
PhD and Fundamentals Certificate	Clinical research-related program + ICTR Certificate
MD or DO	And PhD or MS
DVM	And PhD or MS
Pharm D	And PhD or MS
DNP	And PhD or MS
DDS	And PhD or MS
DPT	And PhD or MS

Students supported by other federal funds are not eligible for TL1 trainee support at the same time, under National Research Service Award (NRSA) rules. Pre-doctoral trainees may receive no more than a total of five years of NRSA support.

#### What is the Training?

Trainees participate in:

- Graduate education in Clinical Investigation
- Mentored research experiences in clinical and/or translational research
- A community of clinical and translational investigators that includes doctoral students, scientists and faculty throughout the University, including the Schools of Medicine and Public Health, Nursing, Pharmacy, Veterinary Medicine, and the College of Engineering
- A community of 60 national Clinical and Translational Service Award sites
- Monthly, academic year writing workshops to develop writing and critiquing skills
- An annual allowance for travel to relevant scientific meetings
- Mentor team meetings scheduled and attended by ICTR leadership and TL1 program administration

Trainees need to be early in their pre-doctoral academic careers in order to take advantage of all the elements of the TL1 training program. Pre-dissertators are preferred.

<b>Year 1</b>	Coursework (7 credits)	TL1 Mentor Meetings	TL1 Writing Workshop
			Summer F Grant Workshop (optional)
	Scientific Travel		
<b>Year 2</b>	Coursework (7 credits)	TL1 Mentor Meetings	TL1 Writing Workshop
			Summer F Grant Workshop (optional)
	Scientific Travel		

In addition, awarded team applicants pursue additional training, as follows:

<b>Co-mentor training</b> For trainers	<b>Team Members</b> From different PhD programs From different research groups From different disciplines	<b>Research</b> An unmet need of common interest Synergistic impact on dissertation projects Write collaboration plan in Team Science course
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**How is This Different from a T32 Traineeship?**

The program’s administrative home, ICTR, is a National Institutes of Health Clinical and Translational Science Awardee, dedicated to accelerating the rate at which research discoveries are brought (translated) to people in health care settings and communities. The program emphasizes trainee career development training that includes learning how to interact as a member of a clinical and translational research team.

**Are There 1-Year Traineeships?**

No. Starting in 2019, trainees are appointed for two 12-month continuous periods in order for trainees to have time to complete the coursework.

**Are There 2-Year Traineeships?**

Yes. Trainees are appointed for two continuous periods of 12 months.

**Who Reviews the Applications?**

A TL1 Advisory Committee, advisory to the Principal Investigators, made up of faculty representatives from ICTR partner schools and colleges, reviews applications and may interview applicants. Committee members have clinical and translational research experience in addition to education and mentoring expertise.

**What is New (since 2019)?**

Team traineeships in which two trainees in different PhD programs and research groups, and co-trainers from different disciplines and research groups apply as a team and work together during the TL1 training period.

**Why is the UW ICTR TL1 Training Program offering co-trainee/co-trainer training?**

We were approached by the University of Florida with a comment that rings true: If TL1 trainees will work in teams, why aren’t we training them in teams? Therefore, the UW ICTR TL1 Predoctoral

Training Program is participating in a national trial project providing team training. We hope to be able to state that team training results in improved outcomes, such as the number and productivity of former TL1 team trainees who remain clinical and translational researchers.

### **What are the Benefits of Team Training?**

For the trainees, experience at Florida so far has shown that the team training has added value to the dissertation in the form of at least one specific aim that would not have existed without the perspective gained through the teamwork experience. For the trainers, participation in the program may bring a new dimension that bolsters the research, in addition to gaining additional mentoring training and experience, as well as funding for team members.

### **What is the Difference Between the 1 Trainee:1 Trainer Program and the 2 Trainees:2 Co-Trainers Program?**

The training activities for the two programs are nearly identical, including coursework, mentor meetings, a writing workshop, an optional F grant writing workshop, and an allowance for scientific travel. The major difference is the team applicant is working with a co-trainee and co-trainers for the duration of the training period.

### **Will ICTR still offer individual traineeships?**

Yes.

### **Is anything else different?**

Trainees in both the 1:1 and the 2:2 training program are required to participate in a 1-credit Team Science Seminar for one (likely Fall) semester.

### **Is anything different for the trainers?**

Yes. In the 2:2 program, the co-trainers are required to participate in approved co-mentor training online or in person. UW ICTR will provide access to this training.

### **What is the time frame for various training activities?**

Here is the timing for training activities for all trainees, whether they applied as individuals or as team members.

### **Year 1 and Year 2 (Individual and Team)**

April 1 Applications due

May 15 Selections announced

July 1 or Sept. 1 Traineeships begin

Sept.-Dec (likely) Team Science course (1 credit)

Sept.-May Coursework (6 credits year 1, 7 credits year 2)

Sept.-May TL1 Writing Workshop

May-July Optional F Grant Boot Camp

Twice a year Mentor Meetings