

Oregon Students Learn and Experience Research (OSLER) TL1 program

2021 REQUEST FOR APPLICATIONS

Application deadline: **April 01, 2021**
Expected appointment start date: **July 1 or September 1, 2021**
Funding through **June 30, 2022**

Submit applications to <https://redcap.link/ktrqop26>.

Submit letters of recommendation separately to
<https://redcap.link/be5pho93>
Applicants please provide this information when requesting your letter
of recommendation.

The OCTRI Education Program is accepting applications from predoctoral students and postdoctoral trainees for a TL1 mentored career development award funded by NIH/NCATS. Eligible applicants include students currently in professional training (MD, DMD, PharmD, DNP), PhD graduate students, and postdoctoral clinical (MD, DMD, PharmD, DNP) and research (PhD) fellows. Professional students are expected to participate in TL1 training for 1 year, and PhD graduate students and postdoctoral trainees can expect up to 2 years of training. Predoctoral and postdoctoral trainees at OHSU, Portland State University, University of Oregon, and Oregon State University are eligible to apply.

All research proposed for this program must involve either clinical or translational research defined as involving human subjects or populations, or research that has application to human health.

This program is funded from a TL1 grant to the Oregon Clinical and Translational Research Institute (OCTRI) and is identical to an NRSA T32.

CONTACT OSLER TL1

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www.ohsu.edu/octri-osler-tl1

Posted 1/12/2021

EXPECTATIONS

The OSLER TL1 provides training in clinical and translational research including basic science, behavioral science, social science, and public health. It supports students and fellows engaged in research involving humans or populations, or that have direct relevance to human health, disease, or disability.

Professional students (MD, DMD, PharmD, DNP) must enroll in the OHSU Master of Clinical Research degree through the [Human Investigations Program](#) (HIP) which can be completed in one year while engaged in research full time. For **PhD graduate students**, the TL1 program is intended to complement graduate training and dissertation research. **Postdoctoral fellows** are expected to be engaged in translational research at least 75% of the time.

All trainees are required to participate in education to acquire competencies of clinical and translational research. These include: quantitative science (biostatistics, study design), data management, academic leadership (program management, team science), scientific writing and data presentation, and research proposal development. This may be completed at the student's home institution or in the HIP Program. Most courses in the HIP program can be livestreamed to UO and OSU. Coursework to acquire competencies may be spread out over 2 years for PhD students and postdocs.

Graduate students from PSU, OSU and UO may consider spending up to a year in residence at OHSU in a lab or research group to facilitate extension of their research to include clinical and translational research. This may create a new inter-institutional research alliance or center on an existing collaboration.

See OSLER TL1 Program and Training Objectives table below for summary of training activities available.

SUPPORT

The TL1 award includes the following:

- Annual stipend at the NIH predoctoral career level at \$25,320 (in fiscal year 2020-2021). The individual's home department or university may supplement to the approved institutional level.
- Postdoctoral stipend is set by the NIH and is based upon years of training completed.
- Tuition and fee support.
- \$4,200 towards major medical, dental insurance and student health service fees (must be for University-sponsored insurance) for predoctoral trainees. \$10,850 towards medical and dental coverage (through employer-provided choices) for postdoctoral trainees.
- No research support is available.
- Because the parent TL1 grant funding ends June 30, 2022, awards can only be made for up to one year and may be less if awarded after July 1, 2021. Appointment for a second year is possible, dependent upon successful renewal.

ELIGIBILITY

Predocotrinal Trainees

- Eligible students must be enrolled in a doctoral program at OHSU, PSU, UO and OSU including PhD, MD, DMD, DNP, or PharmD.
- Students in professional programs (MD, DMD, DNP, PharmD) must take a year-out from their academic curriculum to participate in this research year.

- Students in graduate PhD programs must complete their qualifying exam or candidacy equivalent prior to receiving award.
- Students must be in good academic standing and have the approval of their program to enroll in this TL1 program.
- Trainees must commit full-time effort at the time of appointment.
- Individuals selected to participate must be citizens or non-citizen nationals of the United States, or have been lawfully admitted to the United States for permanent residence and have in their possession an Alien Registration Receipt Certificate (I-151 or I-551) or other legal verification of admission for permanent residence. Individuals on temporary or student visas are not eligible for this program.
- The expected appointment to the OSLER TL1 is 12 months (minimum of 9 months). NIH NRSA guidelines set a limit of 5 years (6 years if dual degree, i.e. MD/PhD) of total support for predoctoral training grant funding. If you have had more than 4 years of funding already, you may not be eligible.

Postdoctoral Trainees

- Eligible trainees must be current postdoctoral trainees or clinical trainees (advanced year residents, fellows) at OHSU, PSU, UO and OSU.
- Trainees must have the approval of their program director or department/division chair to enroll in the TL1 program. No letter is necessary for this, however, we will assume that you have discussed this and have been given approval to apply for this funding.
- The trainee's department must agree to postdoc trainee retirement contributions of 3% of stipend.
- Trainees must commit full-time effort at the time of appointment. Doctoral level clinicians may spend no more than 25% of FTE in clinical service.
- Individuals selected to participate must be citizens or non-citizen nationals of the United States, or have been lawfully admitted to the United States for permanent residence and have in their possession an Alien Registration Receipt Certificate (I-151 or I-551) or other legal verification of admission for permanent residence. Individuals on temporary or student visas are not eligible for this program.
- All appointed fellows must agree to a service payback obligation for the first 12 months of support. A second year of the award will serve to meet the obligation requirement.
- The expected appointment to the OSLER TL1 is 12 months (minimum of 9 months). NIH NRSA guidelines set a limit of 3 years of support total for postdoctoral training grant funding. If you have had more than 2 years of funding already, you may not be eligible.

SELECTION CRITERIA

A selection committee composed of representatives from OHSU, PSU, UO and OSU will conduct the selection process and will follow the model of the NIH peer review process for NRSA T32 awards. Selection criteria will focus on the strength and potential of the trainee and the incorporation of clinical and translational science into the trainee's future career. The application and will be judged on the following criteria:

- Potential of the applicant
- Research plan
- Training plan

- Mentor team
- Career potential

APPLICATION MATERIALS

Please be sure that all documents include the applicant's name in the header.

A complete application consists of:

1. Current curriculum vitae or an NIH biosketch. The following must be included:
 - a. Education – include degrees, schools, full years of attendance and graduation dates
 - b. Postdoc positions including year started and ended
 - c. Relevant work experience
 - d. Any honors received
 - e. Any prior research funding received
 - f. Publications - sorted by categories (manuscripts, abstracts and presentations)
2. Personal statement (1 page or less) summarizing your desire to enter the TL1 program and outlining your short and long-term career goals. Please discuss how you anticipate that clinical and translational research experience and training will impact your career as a scientist or clinician-scientist. What skill development have you identified that will be required for you to achieve your career goals? This is a very important component of your application.
3. A research proposal (2-page maximum excluding references). This must include a title, hypothesis and specific aims, brief background section, design and methods. For predoctoral students, your expected role in the research project must be detailed. The research proposal should be in the student's prose addressing work that he or she will undertake.
4. Proposed training and coursework in clinical and translational research during the year of the award. Address what skills you expect to gain from the coursework and how this training plan relates to your overall career direction and what knowledge gaps this will fill. If the student plans to complete the Master of Clinical Research degree, state this but individual courses do not need to be listed. List any additional training proposed.
5. Letters of commitment from the primary research mentor at each institution, if applicable, are required, including a description of how the mentor and student will interact. The mentor must cite prior experience in research mentoring. The letter should also include how the project will be funded. If multiple mentors from one institution, a single letter from all mentors is acceptable. Mentors' letters may be submitted with the application material or separately at <https://redcap.link/be5pho93> by the application deadline.
6. An NIH biosketch of the faculty mentor.
7. A letter of recommendation from a faculty advisor or other faculty member who is not also a mentor. For PhD students, this should be the chair of the Dissertation Advisory Committee unless the chair is also a mentor; in that case, a different faculty advisor may submit this letter of recommendation. **NOTE:** This letter should be submitted separate from the application at <https://redcap.link/be5pho93> by the application deadline. Applicants, please provide your faculty reference with this request as early as possible. Letters are due by 5 p.m. on the application due date.

Please contact Karen McCracken (mccracke@ohsu.edu, 503-494-3095) with any questions about the application.

OSLER TL1 Program and Training Objectives				
	Predoctoral Trainees			Postdoctoral Trainees
	PhD Graduate Student		Medical & Dental	(PhD and MD)
	OHSU	PSU-UO-OSU	Students	
Length of Program	1 to 3 years (may be enrolled simultaneously in graduate curriculum)		1 year (cannot be enrolled in medical or dental curriculum)	1 to 3 years
TRANSLATIONAL RESEARCH DEVELOPMENT				
Didactic Education in CTR Methods and Team Science	HIP: May enroll in any class. Enrollment in academic leadership series required. Strongly encouraged to complete Certificate in Human Investigations or Master of Clinical Research (MCR)		Required to complete MCR curriculum	HIP: May enroll in any class. Enrollment in academic leadership series required. Strongly encouraged to complete Certificate in Human Investigations or MCR
Quantitative Skills Biostatistics and Study Design	All students take integrated research design/biostatistics (HIP 511, 512, 513) plus at least one advanced biostatistics course in HIP through MCR program			
Data Management	Bioinformatics and Computational Biology (BMI 550)		Data Science (HIP 523)	
BIP Corp / INVENT seminars	Participate in entrepreneurship seminars offered at OHSU.			
RCR Training (required by NIH)	The Practice and Ethics of Science (CONJ 650), HIP 516 or OCTRI Responsible Conduct of Research		HIP 516 or OCTRI Responsible Conduct of Research	OHSU CONJ 650, HIP 516 or OCTRI Responsible Conduct of Research; with approval, may substitute RCR series at home university
PROFESSIONAL DEVELOPMENT				
Career/Professional Development	Career & Professional Development Center (CPDC)	Career centers in place at UO, OSU; plus, CPDC events/courses	Career & Professional Development Center	Office Postdoctoral Affairs (OPA) at OHSU
Scientific Writing	Scientific Writing & Data Presentation (HIP 517) or Science Writing			
Writing Grant Proposals	Proposal Development (HIP 511A) and Grant Writing Seminar			
Scientific Presentation Skills	Participate in communication competition and/or present data at OHSU Research Week or at other research event (with permission of OSLER TL1 program)			
INTEGRATIVE EXPERIENCE				
CTR Journal Club	Journal Club is held once a month, primary objective is understanding research literature, secondary objective is team building			
Integrating Research and Clinical Care	<i>Translational Research Rounds:</i> mentored exposure to patient care and clinical diagnosis and treatment. Required		Clinical and Translational Clerkship strongly encouraged	<i>Translational Research Rounds:</i> mentored exposure to patient care and clinical diagnosis and treatment. Required for PhD postdocs