



Translating Practice into Research (TPIR) Trainee Program

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What is the goal of the TPIR Trainee Program?

The OSCTR TPIR trainee program is a unique one year (September 2017-August 2018) education and mentoring program for practicing healthcare professionals, clinical investigators, and basic scientists. It offers a broad and practical curriculum for understanding clinical research methods, research collaborations, and statistical analysis. The goal of the TPIR trainee program is to produce a group of clinicians and scientists who have the ability to translate their clinical observations and ideas for improving practice into practical and feasible research projects.

What is included in the TPIR Trainee Program?

The TPIR program consists of four components: 1) 1 day in-person workshop Thursday October 5th, 2017 in Oklahoma City, Oklahoma 2) 10 online education modules 3) scheduled conference calls with TPIR faculty, 4) 1 day in-person workshop Thursday April 5th, 2018 in Oklahoma City, Oklahoma and 5) a mentored research project. By applying for the TPIR program, you agree to participate in all five components of the program, if accepted.

Who should apply?

The following people are encouraged to apply: 1) healthcare professionals who are interested in conducting clinical research and learning research methods, 2) clinical investigators who are interested in studying practical clinical issues, and 3) basic scientists who are interested in learning the fundamental basis for clinical translational research. Applicants must be US Residents who work in NIH IDeA states. Priority will be given to applicants in the OSCTR regions and Tribal employees and Tribal serving organization employees.

How many trainees will be selected?

Up to 10 trainees will be accepted in 2017. There is no fee for the TPIR program. Support will be provided for travel and hotel accommodations for both 1 day in-person workshops for only those who live outside the Oklahoma City metropolitan area.

How do you apply?

The online application is located at the TPIR Trainee Program website at: <http://osctr.ouhsc.edu/translating-practice-research-program>.

Timeline

Application Deadline	August 28, 2017
Trainees Notified	September 15, 2017
1 Day In-Person Workshop	Thursday October 5, 2017
Online Modules/Conference Calls	September 2017 - February 2018
1Day In-Person Workshop	Thursday April 5, 2018

Program Specifics

Online-education Modules

There will be 10 online video stream lectures available between September and February 2018. We will have 7 conference calls to discuss the modules and progress on your mentored research project. The online module topics will focus on analysis of medical literature, creating a good research question, epidemiological study designs, the vocabulary of biostatistics, data collection and database development, quantitative methods, and ethical issues and human subject protection.

Mentored Research Project

Participants will be matched with a methodological mentor who will provide assistance with their research project. Mentoring with a TPIR faculty mentor will continue through August 2018, with the goal of translating the trainee's protocol into an active, feasible project.

1-Day In-person Workshop, Thursday October 5, 2017

The workshop will be an introduction to the TPIR program, the participants, and the faculty. The workshop will include didactic sessions on mentorship and collaborating with a biostatistician. Each participant will present a 10-minute powerpoint presentation on their research idea. You will also have an opportunity to meet with your methodological mentor.

1-Day In-person Workshop, Thursday April 5, 2018

The workshop will focus on the foundation, methodologies, and application of patient-oriented clinical research. The workshop will include didactic sessions on grant development and writing, funding opportunities, and campus resources. Participants will further develop their own proposed patient-oriented clinical research projects, refining and revising their plans through interaction with faculty and their peers. Each participant will present a 10-minute powerpoint presentation on their research question and proposal. Participants will participate in a focus group to explore the strengths and weaknesses of the TPIR program. This focus group will serve as both an evaluation of the program and a demonstration of qualitative research for the participants.

Deliverables for TPIR 2017-2018

Deliverable	Measurement	By when... (Expected date)
TPIR faculty call 1	Minutes by faculty	Week of September 18, 2017
Draft: 7-10 minute presentation	Send to TPIR faculty	September 29, 2017
Final: 7-10 minute presentation	Send to TPIR faculty	October 2, 2017
Module 1: The Research Question	View Assignment and Evaluation	Released: September 4, 2017 Completed: October 4, 2017
First In Person Meeting	Attendance/Meet Methods Mentor	October 5, 2017 (8 am to 5 pm)
Module 2: Vocab of Epidemiology	View Evaluation	Released: October 9, 2017 Completed: November 3, 2017
Module 3: Vocab of Biostatistics	View Evaluation	Released: October 9, 2017 Completed: November 3, 2017
Mentor call	Mentee notes	Week of October 30, 2017
TPIR faculty call 2	Minutes by faculty	Week of November 6, 2017
Module 4: Experimental studies	View Evaluation	Released: November 6, 2017 Completed: December 8, 2017
Module 5: Pilot studies	View Evaluation	Released: November 6, 2017 Completed: December 8, 2017
Mentor call	Mentee notes	Week of November 27, 2017
TPIR faculty call 3	Minutes by faculty	Week of December 4, 2017
Module 6: Cross-sectional and Case control studies	View Evaluation	Released: December 4, 2017 Completed: January 19, 2018
Module 7: Cohort studies	View Evaluation	Released: December 4, 2017 Completed: January 19, 2018
Mentor call	Mentee notes	Week of November 27, 2017
TPIR faculty call 4	Minutes by faculty	Week of January 15, 2018
IRB protocol: Background/Research Ques	Send to TPIR faculty	January 31, 2018
Module 8: Data Collection	View Assignment and Evaluation	Released: January 22, 2018 Completed: February 16, 2018
Module 9: Hypothesis Testing	View Evaluation	Released: January 22, 2018 Completed: February 16, 2018
Mentor call	Mentee notes	Week of February 12, 2018
TPIR faculty call 5	Minutes by faculty	Week of February 19, 2018
Module 10: Critical Appraisal	View Evaluation	Released: February 19, 2018 Completed: March 2, 2018
Draft: 10 minute presentation	Send to methods mentor	March 19, 2018
Draft: 10 minute presentation	Send to TPIR faculty	March 26, 2018
Final: 10 minute presentation	Send to TPIR faculty	April 2, 2018
Second In Person Meeting	Attendance/10 minute Presentation	April 5, 2018 (8 am to 5:30 pm)
Mentor call	Mentee notes	Week of May 7, 2018
TPIR faculty call 6	Minutes by faculty	Week of May 14, 2018
IRB protocol: Draft of the protocol, informed consent form, and data collection form	Send to TPIR faculty	June 4, 2018
TPIR faculty call 7	Minutes by faculty	Week of July 16, 2018
Final Draft: IRB full protocol	Send to TPIR faculty	August, 2018
TPIR faculty call 8	Minutes by faculty	Week of August 13, 2018
IRB submission (acknowledgment)	Send to TPIR faculty	September, 2018
IRB approval (letter of approval)	Send to TPIR faculty	When received