

## PREDOCTORAL INTERDISCIPLINARY CLINICAL RESEARCH TRAINING (PICRT) M17-515

COURSE SYLLABUS	Spring 2016
COURSE INSTRUCTORS	Jay Piccirillo, MD, FACS <a href="mailto:piccirilloj@ent.wustl.edu">piccirilloj@ent.wustl.edu</a>  Jeff Peipert, MD, PhD <a href="mailto:peipertj@wudosis.wustl.edu">peipertj@wudosis.wustl.edu</a>  Susy Stark, PhD, OTR/L, <a href="mailto:starks@wusm.wustl.edu">starks@wusm.wustl.edu</a> ;
OFFICE HOURS	By Appointment
COURSE CREDITS	2 credits
MEETING TIMES	Tuesday 10:30-12:30. Exceptions are noted on the seminar calendar

### COURSE DESCRIPTION

The purpose of this course is to support the development of predoctoral clinical translational scientists by providing a weekly forum for peer interaction, work-in-progress sessions, didactic sessions, book club and journal club. Trainees are mentored to successfully conduct and disseminate their research.

This course is required for year-long research core PICRT trainees. Students receive two credits per semester for each semester in the program

### COURSE OBJECTIVES

This course is designed to support the development of knowledge and skills to successfully build a career in clinical and translational research. At the conclusion of this course the student will:

1. Demonstrate critical analysis skills and be able to present materials orally and in writing
2. Demonstrate knowledge of the role multidisciplinary team members play in conducting clinical research.
3. Understand how policy influences clinical research.
4. Critically review clinical research from a disciplinary perspective.
5. Appreciate career development strategies and how to apply them in a personal career development plan.

6. Develop leadership skills needed to lead a research team
7. Understand and apply ethics in research to ongoing research
8. Interpret findings and critique research designs of quantitative and qualitative studies using various methodologies

**COURSE REQUIREMENTS and GRADING**

<b>COURSE REQUIREMENTS</b>	<b>PERCENTAGE OF GRADE</b>
Class participation	70%
Completion of program objective grid	15%
Successful committee meeting	15%

**GRADING SCALE**

The course is graded P/F

**PROGRAM OBJECTIVES**

Specific objectives for the program are provided on the objective grid. Students will track their achievement of objectives each semester and provide a copy of their grid to the Program Coordinator at the end of each semester. Objectives span clinical translational research and include skills and knowledge in:

1. Clinical and Translational Research Questions
2. Literature Critique
3. Study Design
4. Research Implementation
5. Sources of Error
6. Statistical Approaches
7. Biomedical Informatics
8. Responsible Conduct of Research
9. Scientific Communication
10. Cultural Diversity
11. Translational Teamwork
12. Leadership
13. Cross Disciplinary Training
14. Community Engagement

**COMMITTEE MEETINGS**

It is the responsibility of the trainee to convene one session with his/her mentoring committee over the semester to discuss work in progress.

Predoctoral Trainees are required to hold mentorship committee meetings each semester (two times per year) throughout the duration of the program to review the trainees' progress.

- Committee Members:
  - Each trainee will form his or her own mentorship committee.
  - Members should include: the primary mentor, the CRTC program mentor, and one additional mentor selected by the scholar and his or her primary mentor.
- Trainees are responsible for scheduling their own meetings. CRTC conference rooms are available for use if needed (please contact Mary Favazza at 454-8224 or [mfavazza@dom.wustl.edu](mailto:mfavazza@dom.wustl.edu) to reserve a room).
- At least one week prior to each meeting, scholars should provide the mentorship committee:
  - One page progress report (including research, manuscripts, grant applications, and other accomplishments)
  - Plans for the next six months
  - Other relevant documents
- Any difficulties anticipated in completing program requirements should be discussed and documented on the Mentorship Meeting Form with the proposed solutions. Forms will be sent to scholars via email at the beginning of each semester.
- The Mentorship Meeting Form must be signed by the scholar and the primary mentor in acknowledgment of the mentorship committee's expectations.

A copy of the Mentorship Meeting Form is to be returned to the scholar's CRTC program coordinator each semester, no later than December 15 and May 1.

### **Career/Individual Development Plans**

Intensive and Standard Trainees (regardless of degree intent) are required to establish a Career Development Plan in consultation with their mentors, and submit the draft plan to the Program Coordinator by December 15.

Trainees should include career development goals for the next 1-5 years, career objectives for each goal, research activities/projects that will assist the trainee in meeting the objective, and an overview of the courses, workshops, and other educational/training activities that the trainee plans to pursue. For each objective, the trainee should indicate what individual products (degrees, publications, presentations, grants, etc.) are expected.

A timeline should be constructed to display the individual objectives, educational activities, research activities, and products. Any plan that does not include both a narrative portion as well as a timeline will not be accepted.

Specific guidance and direction regarding the preparation of this plan will be presented to trainees in early Fall during the CRTC Research Seminar. Refer to handbook for details and examples.

## **PROFESSIONAL INTEGRITY**

As stated in the handbook, participation in 75% of required class activities is required for a passing grade. Professionalism in this course is expected and will be evaluated critically. Please come to each class prepared by reading course material before lectures.

## **RELIGIOUS HOLIDAYS**

The Program and your instructors respect your right to participate in religious celebrations. If the class schedule presents problems for you with any assignment, contact the program staff indicating the conflict.

If you miss class, please make arrangements with your fellow trainees to get copies of handouts or to learn of announcements made in class.

## **ACCOMMODATIONS**

If you are requesting any accommodations for this class, please contact the Program Director promptly.

***Washington University is committed to providing accommodations and/or services to students with documented disabilities. Students who are seeking support for a disability or a suspected disability should contact Disability Resources at 935-4153. Disability Resources is responsible for approving all disability-related accommodations for WU students, and students are responsible for providing faculty members with formal documentation of their approved accommodations at least two weeks prior to using those accommodations. The coursemasters will accept Disability Resources VISA forms by email and personal delivery. If you have already been approved for accommodations, the coursemasters request that you provide the CRTC with a copy of your VISA within the first two weeks of the semester.***

NOTE: The syllabus may be changed as needed by the instructors to best meet the needs of the class and to achieve the stated course objectives.