CTSI Training Program in Translational Science

Track 2 Coursework: 2017-2018

http://ctsi.ucla.edu/education/pages/tpts#track2

(Course days/times subject to change. Please confirm online UCLA Schedule of Classes)

(Required courses marked with *)

**FIRST YEAR**

**Fall Quarter (Sep 25-Dec 15):**

*Biomath 170A: Introductory Biomathematics for Medical Investigators*

Jeff Gornbein DrPH (4 units), M/W 1:00-2:20 PM (discussion Wednesdays 2:30-3:20 PM)

**Winter Quarter (Jan 3-Mar 23):**

*Biomath 266A: Applied Regression Analysis in Medical Sciences* (consecutive to 170A)

David Elashoff PhD (4 units), M/W 11:30 AM-1:00 PM

**Spring Quarter (Mar 28-Jun 15):**

Elective (see below for options)

**SECOND YEAR**

**Fall Quarter (Sep 25-Dec 15):**

*Biomath M261: Responsible Conduct of Research Involving Humans*

Stan Korenman MD et al (2 units), Wednesdays 4:00-6:00 PM

**Winter Quarter (Jan 3-Mar 23):**

*Biomath 259: Controversies in Clinical Trials*

Robert Elashoff PhD (2 units), Fridays 11:00 AM-12:20 PM

**Spring Quarter (Mar 28-Jun 15):**

Elective (see below for options)

**Two electives required (in addition to the four required courses above) (List subject to change)**

Sample electives. (Other 200 series may include, but not limited to, epidemiology, health services, or basic science courses.)

- Fall - Biomath M260A: Methodology in Clinical Research: Clinical Trials
- Fall - Biomath M260C: Methodology in Clinical Research: Observational Studies
- Winter - Biomath 265A: Data Analysis Strategies (JMP)
- Winter - Biomath M262: Communication of Science: Grant/Journal Writing
- Spring - Biomath 264: Applied Data Collection and Analysis (no videoconference)
- Spring - Biomath 266B: Advanced Biostatistics
- Spring - Biomath 285: Introduction to High-throughput Data Analysis
- Spring - Biomath M260B: Methodology in Clinical Research: Longitudinal & Community Studies
- Spring - Biomath M263: Clinical Pharmacology
- Spring - Biostat 410: Statistical Methods in Clinical Trials - (every other year)

**Clinical and Translational Research Workshop: Clinical Protocol Development** Summer Workshop – July (Cedars)

**Clinical Research Development Seminar Modules** (minimum 3/approximately 16 hours)

**NIH Introduction to the Principles and Practice of Clinical Research** - October-March (online)

**NIH Principles of Clinical Pharmacology** - Sept-Apr (online) (also at Harbor-UCLA)

**Monthly Meetings:**

Track 2 fellows are required to attend **(third Tuesday of the month, 11:30AM-1:00PM, lunch included)**

until program completion and make **three** presentations (research interest, journal article, challenge).