

Loma Linda University
School of Public Health
Summer 2008

**EPDM 515 CRN 10226 Clinical Trials Section 1
(10 weeks)**

Hybrid Format: Online y condensed on- campus sessions 3 Units

Online Instructor:

Lori J Wilber, MD, MPH
Assistant Professor
Epidemiology and Biostatistics
School of Public Health
Assistant Professor
Preventive Medicine
School of Medicine

Description:

Theory and practice of intervention studies, including community and clinical trials. Design, analysis methods, randomization, masking schemes, management of complex trials, ethical considerations, and meta-analysis. Laboratory includes: power calculations, interpretation of published reports, and design of trials.

Prerequisites:

- 1) EPDM 509
- 2) STAT 509 or STAT 521

Course Objectives:

Upon completion of this course, the student will:

1. Obtain a basic knowledge of design, conduct, and ethics of field, clinical and community trials.
2. Be able to evaluate trial results reported in the literature.
3. Be able to design a trial.
4. Understand the major issues involved in the analysis of trials and interpretation of the results.

Educational Effectiveness:

Educational effectiveness is for the student to be able to participate fully in all aspects of a clinical trial.

Textbook

Clinical Trials - A Methodologic Perspective. 2nd edition
By Steven Piantadosi Wiley Publications [ISBN 0-47 1-7278 1 4](https://doi.org/10.1002/9781118114144)

ADDITIONAL REQUIRED

Access to LLU Computers and e-mail

Access to Blackboard account

Course Dates:

Term: Summer Quarter 2008 (June 17 - September 5, 2008)

On campus session:

Seminar: Tuesday, June 17, 8:00 - 11:00 am and 1:00 – 4:50 pm

Nichol Hall, Room 2019

Virtual Classroom: Wednesdays, June 25 -July 23, 7-9 pm

Registration dates:

Term: Jun 23 - Sep 5

Course outlines available: May 12

ODL Stamp begins: May 12

ODL Stamp ends: June 16

Web Registration starts: May 26

Last day to register for an online course: June 16

Tuition

The tuition fee is \$610 per unit (subject to change).

Course registration

If you would like to join this class in spring 2008, please email SPHOnline@llu.edu please provide your Last Name, First Name and LLU Student ID.

For on-campus students: You will need to contact your academic advisor for authorization to take this online course, then contact Rafael Molina, Director of Distance Learning rvmolina@llu.edu

Non-degree students: Please use the ND form and fax it to 909-651-5937 Attention Rafael Molina, Director of Distance Learning rvmolina@llu.edu

Blackboard tutorial required

Blackboard is the software system used by Loma Linda University to manage online courses. If this is your first online course through Loma Linda University School of Public Health please take the Blackboard tutorial. This is required before registration can be processed. For more information please contact via email sphonline@llu.edu