

Dates: March 27, 2014 – March 31, 2014

INTRODUCTION TO CLINICAL RESEARCH: A ONE-WEEK INTENSIVE COURSE
Johns Hopkins University School of Medicine and Sun Yat Sen University

	THURSDAY March 27	FRIDAY March 28	SATURDAY March 29	SUNDAY March 30	MONDAY March 31
8:30am	Introduction Pre-Test Clinical and Translational Research: Expectations and Goals Miller	Statistics: Hypothesis Testing Wang	Statistics: Sample Size / Power Considerations Wang	Statistics: Causal Inference and Regression Adjustment Wang	POST-TEST
9:30am	Defining the Research Question Friedman	Study Design: Case-Control Studies Dobs	Study Design: Prospective Studies Segal	Study Design: Randomized Controlled Clinical Trials Miller	SMALL GROUP PRESENTATIONS 30 minutes in length (20 minute presentation and 10 minutes for questions) All presenters need to be present
10:30am	Overview of study designs Miller	Small Group discussion : Case- Control Study Dobs, Segal, Friedman, Miller, (Wang)	Small Group discussion : Prospective Study Dobs, Segal, Friedman, Miller, (Wang)	Small Group Discussion: Randomized Controlled trial Dobs, Segal, Friedman, Miller (Wang)	
11:30am	Break + Get Lunch	Break + Get Lunch	Break + Get Lunch	Break + Get Lunch	Lunch
12:00pm	Lunch + Presentation: Overview	Lunch + Presentation: IRB	Lunch + Presentation: Finance/ IT	Lunch + Presentation: Coordinator Training	
1:30pm	Study Design: Surveys and Cross-sectional Studies Cross-sectional 1:30-2:10pm Friedman Surveys 2:10-3:00pm Hutfless	Regulatory Issues/IRB 1:30- 2:10pm Carrithers Informed Consent 2:10-3:00pm Kass	How to present an Abstract Li Potter	Systematic Review Segal	POST-TEST REVIEW & CERTIFICATES Dobs, Friedman, or Kass
3:00pm	Small Group discussion Cross-sectional Study Dobs, Segal, Friedman, Miller, (Hutfless)	Case studies Ethics Kass & Carrithers	Retrospective studies using existing data Segal	Managing Your Own Data Data Collection Data Quality Data protection Potter	Office Hours: Discussion of individual Projects ADJOURN at 5PM
4:00- 5:30pm	Small Group Projects/abstracts Dobs, Segal, Friedman, Miller, (Hutfless)	Small Group Projects/abstracts Dobs, Segal, Friedman, Miller, (Wang)	Small Group Projects/abstracts Dobs, Segal, Friedman, Miller, (Wang)	Small Group Projects/abstracts Dobs, Segal, Friedman, Miller (Wang)	

Sponsored by the Institute for Clinical and Translational Research, the Welch Center for Prevention, Epidemiology & Clinical Research, the Graduate Training Program in Clinical Investigation, and the Bloomberg School of Public Health - Course #340.655