

INTRODUCTION TO CLINICAL RESEARCH: INTENSIVE COURSE 2022

<u>FRIDAY</u> <u>July 1</u>		<u>TUESDAY</u> <u>July 5</u>		<u>WEDNESDAY</u> <u>July 6</u>		<u>THURSDAY</u> <u>July 7</u>		<u>FRIDAY</u> <u>July 8</u>	
COURSEPLUS OPENS Students have access to online schedule and all pre-recorded lectures Students should watch all pre-recorded lectures before course begins on July 11		ABSTRACT REQUIREMENT DUE VIA COURSEPLUS Students submit abstracts via their courseplus dropbox Instructions will be provided		PRE-TEST REQUIREMENT Follow instructions in CoursePlus. Can be completed any time 9am – 5pm EST ONLY		Students have time to explore CoursePlus, watch pre-recorded lectures, and ask questions before course begins on July 11 th Course dates are July 11-15 All students are expected to participate “live” via zoom Students may “drop” from course no later than Monday, July 11			
<u>MONDAY</u> <u>July 11</u>		<u>TUESDAY</u> <u>July 12</u>		<u>WEDNESDAY</u> <u>July 13</u>		<u>THURSDAY</u> <u>July 14</u>		<u>FRIDAY</u> <u>July 15</u>	
8:30-9:30 a.m.	Welcome Clinical and Translational Research: Expectations & Goals D. Ford	<i>Review Confidence Intervals: Inference About One and Two Population Means (Proportions)- Part I & II</i> N. Wang	Study Design: Prospective Studies HC-Chapter 7 S. Sozio	Evaluation of Diagnostic Tests and Screening D. Dowdy	POST-TEST Follow instructions in CoursePlus. Can be completed any time Before 9:30 a.m.				
9:35-10:35 a.m.	Defining the Research Question HC Ch. 1,2 <i>Review (1) Study Design; Cross-Sectional Studies (2) Measurement of Rates and Risks</i> D. Ford	Patient Reported Outcomes A.Wu	Study Design: Clinical Trials – HC-Ch. 10 E. Miller	Institutional Review Board M. Singleton					Working with the Institute for Clinical & Translational Research D. Ford
BREAK 10:35 AM – 10:45 AM									
10:45-11:45 a.m.	<i>Review (1) Scientific Concept for Clinical Research (2) Intro to Statistical Inference (3) How to Make a Bad Plot</i> S. Zeger	Study Design: Pilot Studies C. Flexner	Review Choosing a Sample Size N. Wang	Managing Your Own Data A. Hackman	TBD K. Gebo				
11:50 a.m. 12:50 p.m.	Study Design: Case-Control Studies D. Ford	Study Designs for Assessing the Effects of Provider Trainings L. Stuart	Linear Regression Generalized Linear Models Confounding and Effect Modification Survival Analysis – Getting Started Association, Prediction and Classification G. Yenokyan	Ethical Issues in Clinical Research J. Sugarman	BREAK 11:45 AM– 12:15 PM				
LUNCH 12:50 PM – 1:50 PM									
1:50 – 2:50 p.m.	Secondary Translation D. Ford	1:50 – 3:20 p.m. Linear Regression Generalized Linear Models Confounding and Effect Modification Survival Analysis – Getting Started Association, Prediction and Classification G. Yenokyan	Small Group (3 hours) 1:50 – 4:50 p.m.		SMALL GROUP PRESENTATIONS 12:15 – 2:15 p.m.				
BREAK 2:50 PM – 3:00 PM									
3:00-5:00 p.m.	Small Group (2 hours)	3:30 – 5:00 p.m. Small Group			TEST REVIEW 2:30 – 3:30 p.m.				