

**DRAFT**

**INTRODUCTION TO CLINICAL RESEARCH: INTENSIVE COURSE 2026**

		FRIDAY July 10th	MONDAY - SUNDAY July 6 <sup>th</sup> - July 12th	MONDAY - FRIDAY July 6 <sup>th</sup> - 10th	
<b>All students are expected to participate “live” via zoom AND in their assigned small groups. Students may “drop” from course no later than Friday, July 10, 2026</b>		<b>Submission Deadline: Short Proposal of a Research Project (Draft 1 page) REQUIREMENT DUE VIA COURSEPLUS</b> Students submit short proposal via their CoursePlus dropbox Instructions will be provided	<b>PRE-TEST REQUIREMENT</b> Follow instructions in CoursePlus. Can be completed ONLY during the times indicated in the instructions	Students have time to explore CoursePlus, watch pre-recorded lectures, and ask questions	
MONDAY July 13		TUESDAY July 14	WEDNESDAY July 15	THURSDAY July 16	FRIDAY July 17
<b>8:30 a.m. 9:30 a.m.</b>	<b>Welcome</b> Clinical and Translational Research: Expectations & Goals	<i>Review Confidence Intervals: Inference About One and Two Population Means (Proportions) - Part I &amp; II</i>  <span style="float: right; color: yellow;">N. Wang</span>	Study Design: Prospective Studies HC-Chapter 7  <span style="float: right; color: yellow;">S. Sozio</span>	Evaluation of Diagnostic Tests and Screening  <span style="float: right;">C. Hanrahan</span>	<b>POST-TEST REQUIREMENT</b> Follow instructions in CoursePlus. Can be completed any time Before 9:30 a.m.
<b>9:35 a.m. 10:35 a.m.</b>	Defining the Research Question HC Ch. 1,2 <i>Review (1) Study Design; Cross-Sectional Studies (2) Measurement of Rates and Risks</i>  <span style="float: right; color: yellow;">D. Ford</span>	Career Development / Mentorship  <span style="float: right; color: yellow;">J. Haythornthwaite</span>	Study Designs for Assessing the Effects of Provider Trainings  <span style="float: right; color: yellow;">L. Stuart</span>	Institutional Review Board / Ethics  <span style="float: right;">K. Borst</span>	Measurement Quality  <span style="float: right;">K. Bandeen-Roche</span>
<b>BREAK 10:35 AM – 10:45 AM</b>					
<b>10:45 a.m. 11:45 a.m.</b>	<i>Review (1) Scientific Concept for Clinical Research (2) Intro to Statistical Inference (3) How to Make a Bad Plot</i>  <span style="float: right; color: yellow;">K. Bandeen-Roche</span>	Study Design: Pilot Studies  <span style="float: right; color: yellow;">C. Flexner</span>	Review Choosing a Sample Size  <span style="float: right; color: yellow;">N. Wang</span>	Managing Your Own Data  <span style="float: right; color: yellow;">A. Hackman</span>	Working with the Institute for Clinical & Translational Research  <span style="float: right;">D. Ford</span>
<b>11:50 a.m. 12:50 p.m.</b>	Study Design: Case-Control Studies  <span style="float: right;">D. Ford</span>	Patient Reported Outcomes  <span style="float: right; color: yellow;">A.Wu</span>	Linear Regression Generalized Linear Models Confounding and Effect Modification Survival Analysis – Getting Started Association, Prediction and Classification  <span style="float: right; color: yellow;">G. Yenokyan</span>	Study Design / Clinical Trials HC Ch. 10  <span style="float: right;">E. Miller</span>	<b>BREAK 11:45 AM-12:15 PM</b>
<b>LUNCH 12:50 PM – 1:50 PM</b>					<b>SMALL GROUP PRESENTATIONS</b> 12:15-2:15 p.m.
<b>1:50 p.m. 2:50 p.m. (M &amp; T)</b>  <b>1:50 p.m. 3:50 p.m. (Wed)</b>	Secondary Translation  <span style="float: right;">D. Ford</span>	Linear regression Generalized linear Models Confounding and Effect Modification Survival Analysis – Getting Started Association, Prediction and Classification  <span style="float: right; color: yellow;">G. Yenokyan</span>	Linear Regression Generalized Linear Models Confounding and Effect Modification Survival Analysis – Getting Started Association, Prediction and Classification  <span style="float: right; color: yellow;">G. Yenokyan</span>	<b>Small Group (3 hours)</b> 1:50-4:50 p.m.	
	<b>Small Group (2 hours)</b> 3:00-5:00 p.m.	<b>Small Group (2 hours)</b> 3:00-5:00 p.m.	<b>Small Group (1 hour) 4:00-5:00 p.m.</b>		<b>TEST REVIEW</b> 2:30-3:30 p.m.