

INTRODUCTION TO CLINICAL RESEARCH: INTENSIVE COURSE 2021

<u>Wednesday</u> <u>July 07</u>		<u>MONDAY</u> <u>July 12</u>		<u>TUESDAY</u> <u>July 13</u>		<u>WEDNESDAY</u> <u>July 14</u>		<u>THURSDAY</u> <u>July 15</u>		<u>FRIDAY</u> <u>July 16</u>	
9:00 – 10:00 a.m.	Welcome Clinical and Translational Research: Expectations & Goals D. Ford	8:45-9:00 a.m.	Welcome / Introductions / Announcements	8:30 – 9:30 a.m.	How to Access Data from Clinical Systems Bio-specimen & Clinical Data D. Gumas	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.			
10:00 a.m. – 3:00 p.m.	PRE-TEST Follow instructions in CoursePlus. Can be completed any time until 3pm	9:00-10:35 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	9:35-10:35 a.m.	<i>Review Confidence Intervals: Inference About One and Two Population Means (Proportions)- Part I & II</i> N. Wang	Study Design: Clinical Trials – HC-Ch. 10 E. Miller	Managing Your Own Data A. Hackman	Working with the Institute for Clinical & Translational Research D. Ford			
BREAK 10:35 AM – 10:45 AM											
3:00 – 5:00 p.m. Course content opens to students		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> K. Bandeen Roche	10:45-11:45 a.m.	Patient Reported Outcomes A. Wu	<i>Review Choosing a Sample Size</i> N. Wang	Institutional Review Board M. Singleton	Measurement Quality K. Bandeen Roche			
		11:50 a.m. 12:50 p.m.	Study Design: Case-Control Studies D. Ford	11:50 a.m. - 12:50 p.m.	Study Design: Pilot Studies C. Flexner	Ethical Issues in Clinical Research J. Sugarman	Research Funding and Career Development HC-Ch. 19 M. Amey	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 – 3:50 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)	BREAK 3:50 PM – 4:00 PM							
4:00 – 5:00 p.m.	Small Group (1 hour)			TEST REVIEW 2:30 – 3:30 p.m.							

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