

INTRODUCTION TO CLINICAL RESEARCH: INTENSIVE COURSE, 2019 – WEEK ONE 2024 E. Monument Street; Suite 1-500Q

	MONDAY July 15	TUESDAY July 16	WEDNESDAY July 17	THURSDAY July 18	FRIDAY July 19
8:00 a.m.	Introduction -Pre-Test Clinical and Translational Research: Expectations & Goals D. Ford	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 S. Pilla	POST-TEST 8:00 – 9:00 a.m. D. Ford
9:00 a.m.	Defining the Research Question HC-Ch. 1,2 D. Ford	Confidence Intervals: Inference About One and Two Population Means (Proportions)- Part I DT-pgs. 93-110 N. Wang	Study Design: Clinical Trials – HC-Ch. 10 N. Wang	Managing Your Own Data A. Hackman	
10:00 a.m.	Measurement of Rates & Risks D. Ford	Confidence Intervals: Inference About One and Two Population Means (Proportions)-Part II DT-pgs. 135-153 N. Wang	Choosing a Sample Size DT-pgs. 125-130 DT-pgs. 154-157 N. Wang	Ethical Issues in Clinical Research J. Sugarman	Measurement Quality K. Bandeen Roche
11:00 a.m.	Scientific Concept for Clinical Research S. Zeger	Study Design: Case-Control Studies D. Ford	Linear Regression G. Yenokyan	Institutional Review Board M. Singleton	Research Funding and Career Development HC-Ch.19 M. Amey
12:00 – 1:00 p.m. LUNCH Break					
12:00 p.m.					Patient Reported Outcomes A. Wu
1:00 p.m.	Introduction to Statistical Inference S. Zeger	Secondary Translation D. Ford	Confounding and Effect Modification G. Yenokyan	Association, Prediction and Classification G. Yenokyan	SMALL GROUP PRESENTATIONS 1:00 – 2:30 p.m.
2:00 p.m.	Introduction to Statistical Inference (cont'd) (<i>How to Make a Bad Plot</i>) S. Zeger	Working with the Institute for Clinical & Translational Research D. Ford	Generalized Linear Models G. Yenokyan	Systematic Reviews/Meta-analysis K. Robinson	
3:00 p.m.	Study Design: Cross-Sectional Studies-HC-Ch.8 D. Ford	Study Design: Pilot Studies C. Flexner	Survival Analysis – Getting Started G. Yenokyan	Small Group (2.5 hours) 3:00 p.m. – 5:30 p.m.	Test Review 2:30 – 3:30 p.m.
4:00 p.m. - 5:30 p.m.	Small Group (1.5 hours)	Small Group (1.5 hours)	Small Group (1.5 hours)		
CoursePlus Online Topics include: Mentoring * Journal Editor's Tips on Publishing Your Study * Searching the Literature * Drug Discovery and Development					