

Syllabus for VERITY/Brigham Course in Rheumatology Clinical Research

Course co-directors: Jeffrey Sparks, MD, MMSc; Daniel Solomon, MD, MPH; Jeffrey Katz, MD, MSc; Karen Costenbader, MD, MPH

Faculty: Elena Losina, PhD; Elizabeth Karlson, MD, MS; Nancy Shadick, MD, MPH; Katherine Liao, MD, MPH; Seoyoung Kim, MD, ScD; Brian Feldman, MD; Tianxi Cai, PhD; Maura Iversen, DPT, ScD; Candace Feldman, MD, ScD; Peter Nigrovic, MD; Lindsey MacFarlane, MD, MPH; Sara Tedeschi, MD, MPH; MaryBeth Son, MD; Matthew Liang, MD, MPH; Adam Landman, MD, MS

Day	AM Courses				PM Workshops/Office Hours/Individual Work			
	Time	Title	Faculty	Room	Time	Title	Faculty	Room
Monday May 7, 2018	8:00	Registration/Breakfast		06014	1:30	Workshop: Specific Aims feedback session	J. Sparks, J. Katz, K. Costenbader, K. Liao, P. Nigrovic, E. Losina	05004/ 06014
	8:30	Introduction to the VERITY course	D. Solomon, J. Sparks, J. Katz, K. Costenbader	06014	3:00-4:30	Office hours: 30 minutes per attendee	N. Shadick, S. Tedeschi, L. MacFarlane, D. Solomon, M. Liang, J. Sparks, K. Costenbader	
	9:00	Clinical research 101: Study population, measurements	Jeffrey Katz	06014	4:30	Individual work		
	10:00	Observational study design 101	Karen Costenbader	06014	5:30	VERITY welcome dinner	Attendees and faculty	3rd floor
	11:00	Introduction to Specific Aims	Karen Costenbader	06014				
	12:00	Lunch		06014				
Tuesday May 8, 2018	8:30	Breakfast		06014	1:00	Workshop: Methods Section feedback session	D. Solomon, J. Sparks, E. Karlson, C. Feldman, B. Feldman, S. Tedeschi	06004/ 06014
	9:00	Statistical analysis 101: Measures of association, sample size	Elena Losina	06014	2:30	Networking/Break		06014
	10:00	Traditional clinical trial design	Jeffrey Katz, Brian Feldman	06014	3:00-4:30	Office Hours: 30 minutes per attendee	J. Sparks, D. Solomon, E. Losina, B. Feldman, E. Karlson, N. Shadick, J. Katz, K. Liao	
	11:00	Innovative trial design: Adaptive designs, Bayesian methodologies	Brian Feldman	06014	4:30	Individual work		
	12:00	Lunch		06014				
Wednesday May 9, 2018	8:30	Breakfast		07004	1:00	VERITY Methodology Core overview	Elena Losina, Jeffrey Katz	07004
	9:00	Causal inference: Bias and confounding	Candace Feldman	07004	2:00	VERITY Bioinformatics Core overview	Tianxi Cai, Katherine Liao	07004
	10:00	Comparative effectiveness research with healthcare databases and propensity scores	Seoyoung Kim	07004	3:00	Networking/Break		07004

	11:00	Systematic reviews and meta-analyses	Dan Solomon	07004	3:30-5:00	Workshop: Small group feedback of Specific Aims and Methods Sections	Katherine Liao, Seoyoung Kim, Candace Feldman, Karen Costenbader	03014/ 06004/ 06014/ 07004
Thursday May 10, 2018	12:00	Lunch		07004	5:00	Individual work		
	8:30	Breakfast		03014	1:00	Maximizing the mentee-mentor relationship	Peter Nigrovic, Jeffrey Sparks	03014
	9:00	Bioinformatics: Defining phenotypes in the electronic medical record	Katherine Liao	03014	2:00	Breakout for adult/pediatrics: Identifying and accessing institutional and public resources	Sara Tedeschi, MaryBeth Son	03014/ 05010
	10:00	Translational epidemiology	Elizabeth Karlson	03014	3:00	Networking/Break		03014
	11:00	Digital health platforms and tools	Adam Landman	03014	3:30-5:00	Office Hours: 30 minutes per attendee	E. Karlson, J. Katz, J. Sparks, E. Losina, M. Son	
	12:00	Lunch		03014	5:00	Individual work		
Friday May 11, 2018	8:30	Breakfast		06014	1:00	Individual work		
	9:00	Patient-centered outcomes research and engagement panels	Maura Iversen	06014	3:00	Workshop: Career development feedback	D. Solomon, K. Liao, J. Sparks	05004/ 05010/ 06014
	10:00	Behavioral interventions/economics	Elena Losina	06014	4:00	Individual work		
	11:00	Roadmap to a research career in rheumatology	Jeffrey Sparks	06014				
	12:00	Lunch		06014				
Saturday May 12, 2018	8:00	Breakfast		05010	12:00	Adjourn		
	8:00	Final attendee presentations		05010				
	12:00	Pack lunches		05010				

All rooms are located in the Hale Building for Transformative Medicine (BTM, 60 Fenwood Road)