

## Target Trial Emulation June 23-27, 2025

Instructors: Barbra Dickerman, Joy Shi, Miguel Hernán

Curriculum Fellow: Emma McGee

	Monday	Tuesday	Wednesday	Thursday	Friday
<b>9:30am - 11:00am</b>	<b>Lecture:</b> Specifying the target trial	<b>Lecture:</b> Emulating time zero	<b>Lecture:</b> Checking the emulation of randomization	<b>Lecture:</b> Sustained treatment strategies	<b>Hands-on:</b> Incorporating grace periods
<b>11:10am - 12:30pm</b>	<b>Hands-on:</b> Estimating effects in a target trial	<b>Hands-on:</b> Emulating sequential target trials	<b>Lecture:</b> When emulating randomization is not reasonable	<b>Hands-on:</b> Adjusting for time-varying confounding and selection bias	<b>Lecture:</b> Wrap-up
<b>12:30 pm - 1:30 pm</b>	Break				
<b>1:30pm - 3:00pm</b>	<b>Lecture:</b> Emulating a target trial	<b>Lecture:</b> Emulating randomization	<b>Lecture:</b> Competing events and loss to follow-up	<b>Lecture:</b> Treatment strategies indistinguishable at time zero	
<b>3:10pm - 4:30pm</b>	<b>Hands-on:</b> Estimating effects in an emulated target trial	<b>Hands-on:</b> Adjusting for time-fixed confounders	<b>Hands-on:</b> Adjusting for selection bias due to loss to follow-up and handling competing events	<b>Hands-on:</b> Cloning to compare sustained treatment strategies	