

University of Washington's Advanced TB Research Training Course

Monday-Friday, September 21-25, 2026; 7:30-11am Pacific (Seattle) time

Registration is required: <https://courses.washington.edu/tbresearchcourse/>

*Each talk is a 20-minute presentation, which includes a brief Q&A *Breakout discussions intended to encourage interactions with faculty and among participants

All times in PDT (Seattle)	Monday, Sept 21 Immunology & Vaccines	Tuesday, Sept 22 Pathogenesis & Treatment	Wednesday, Sept 23 Biomarkers, Diagnostics & Special Populations	Thursday, Sept 24 Aerobiology, Transmission & Prevention	Friday, Sept 25 Modeling, mHealth, Genomics and TB Advocacy
7:30–7:40 am	<i>Welcome & Logistics</i>	<i>Welcome & Logistics</i>	<i>Welcome & Logistics</i>	<i>Welcome & Logistics</i>	<i>Welcome & Logistics</i>
7:40–8:00 am	Innate immunity and host-directed therapies; Tom Hawn	Treatment of Drug-Sensitive TB and TB in PLHIV; Adrienne Shapiro	TB biomarkers and diagnostics; Paul Drain	Aerosol biology and TB transmission; David Horne	TB infection and disease modeling; Stewart Chang
8:00–8:20 am	Adaptive immunity to <i>M. tuberculosis</i> ; Chetan Seshadri	Systems biology approaches to drug discovery; Nitin Baliga	Novel biomarkers for incipient/subclinical TB; Javeed Shah	Resister populations and Mtb transmission; Jason Simmons	Using mobile health technologies for TB; Sarah Iribarren
8:20–8:40 am	Granulomas and in vivo model of TB pathogenesis: dissecting mechanisms of protection and dissemination; Kevin Urdahl	Drug discovery and development; Arielle Butts	New swab-based molecular tests for TB: Implementation and impacts; Jerry Cangelosi	Imaging and other clinical measures for risk of Mtb transmission; Engi Attia	TB Genomics and Phylogenetics; Philip Dykema
8:40–9:00 am	TB controlled human infection model (TB-CHIM); Rhea Coler	Pathogenesis and drug targets; David Sherman	Diagnostics for pregnant women and PLHIV; Grace John-Stewart	TB preventive treatment and novel regimens; Jennifer Ross	Tales of TB: A child in the Firland Sanatorium; Dan Larson
9:00–9:10 am	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
9:10–9:30 am	TB vaccine trials; Andrew Fiore-Gartland	Treatment for drug-resistant and extrapulmonary TB; Bijan Ghassemieh	Diagnostics and Treatment for Pediatric Populations; Rafael Hernandez	TB in Pregnancy; Sylvia LaCourse	<i>Close</i>
9:30–10:30 am	<i>Discussion Panel: David Lewinsohn, Oregon Health Sciences U.; Christina Stallings, Washington U.</i>	<i>Discussion Panel: Tim Sterling, Vanderbilt U.; Caitlin Reed, Public Health Seattle-King County; Jeff Tornheim, Johns Hopkins U.</i>	<i>Discussion Panel: David Boyle, PATH; Amy Steadman, Gates Foundation</i>	<i>Discussion Panel: Emily Wong, U. Alabama & African Health Research Institute; Keertan Dheda, U. Cape Town</i>	
10:30–10:55 am	Breakout - Meet & Greet	Breakout - Meet & Greet	Breakout - Meet & Greet	Breakout - Meet & Greet	
10:55–11:00 am	<i>Close</i>	<i>Close</i>	<i>Close</i>	<i>Close</i>	