

Table 1. HIV and TB SWG Members (n=34) [Names in **bold** appear on the CFAR FY16 FRB]

Name	Affiliation	Expertise/Research Interests
Jacobson, Karen (SWG Director)	Assistant Professor - Epidemiology, Boston University School of Medicine	Epidemiology of drug resistant tuberculosis, including identification of social, biological, and economic determinants of and risk factors for drug resistance and approaches for improving TB outcomes in resource-limited settings.
Horsburgh, Bob (SWG co-Director)	Professor, Boston University School of Public Health	Tuberculosis, nontuberculous mycobacterial infections and opportunistic infections in AIDS.
Carter, E Jane (SWG co-Director)	Associate Professor, Brown University; Director Brown/Kenya Program	Implementation Science in addressing barriers to TB care in low resource areas. Intensified case finding for TB (variety of populations and settings- community based, facility based, TB/HIV, pregnant women, diabetes, pediatrics) Xpert rollout and impact M Bovis
Acuna-Villaorduna, Carlos	Instructor of Medicine, Boston Medical Center	HIV/AIDS and TB interaction in developing countries, understanding the mechanisms of TB transmission in household contact settings.
Beckwith, Curt	Associate Professor, Brown University; Director Brown/Kenya Program	Developing innovative HIV and viral hepatitis testing, linkage, and retention programs for vulnerable populations, particularly for persons involved in the criminal justice system.
Bor, Jacob	Assistant Professor, Boston University School of Public Health	Econometrics, policy evaluation, data science, record linkage, HIV treatment and prevention
Bouton, Tara	Infectious Disease Fellow, Brown University	Drug resistant TB and outcomes in co-infected patients.
Chiang, Silvia	Instructor (Research), Brown University/Lifespan	Childhood and adolescent TB
Cu-Uvin, Susan	Professor of Medicine and Ob/Gyn, Brown University School of Medicine	HIV in women, underserved populations
Eddy, Jared	Infectious Disease Fellow, Boston University	Global health with an interest in TB/HIV coinfection
Flanigan, Timothy	Professor, Brown University School of Medicine	HIV in women, underserved populations
Fox, Matthew	Professor, Epidemiology and Global Health at Boston University School of Public Health	treatment outcomes in HIV-treatment programs, infectious disease epidemiology with specific interests in HIV and pneumonia. Retention in HIV-care programs in South Africa.
Gummuluru, Rahm	Associate Professor, Boston University School of Medicine	HIV-1 interactions with myeloid cells; dendritic cell and macrophage-dependent HIV-1 dissemination mechanisms. HIV-1 evasion mechanisms of innate and cell-intrinsic immunity.
Harwell, Joseph	Associate Professor of Medicine and Pediatrics, Brown University	Access to care for HIV and TB in resource limited settings, improved drug formulations and the cost of care, clinical management of coinfecting children and adults
Henderson, Andrew	Associate Professor	HIV molecular biology, latency
Hochberg, Natasha	Assistant Professor, Boston University	TB epi and translational science, intersection of TB and malnutrition, TB and parasite infections, TB in India
Jenkins, Helen	Assistant Professor, Boston University School of Public Health	Biostatistics and Epidemiology
Johnson, William Evan	Associate Professor, Computational Biomedicine, Boston University School of Medicine	Computational modeling and genomic biomarkers, microbiome of clinical and environmental samples

Joloba, Moses	Associate Professor of Molecular Biology, Immunology and Microbiology, Dean School of Biomedical Sciences at Makerere University College of Health Sciences, Director of the National TB Reference Laboratory-Uganda	Pathogenesis, diagnostics and program implementation using conventional microbiological and modern molecular approaches
Kramnik, Igor	Associate Professor of Medicine, Director of the Aerobiology Core and Investigator National Emerging Infectious Diseases Laboratories (NEIDL)	Mechanisms of innate host resistance and susceptibility to TB, biology of TB granuloma and mechanisms of re-activation of latent TB infection, genetic and epigenetic control of macrophage differentiation and function
Kyabaggu, Denis	Graduate Student, Gummuluru lab, Boston University	HIV-1 vaccine Phase 1 clinical trials HIV-1 host-virus cellular interactions basic science research
Lurie, Mark	Associate Professor of Epidemiology, Brown University School of Public Health	HIV/AIDS, sexually transmitted infections, tuberculosis, and silicosis in sub-Saharan Africa
Lunze, Karsten	Assistant Professor, Boston University School of Medicine	Stigma and HIV prevention in key populations, maternal and newborn health
Mirochnick, Mark	Professor of Pediatrics, Boston University	Pharmacology of ARV's and TB drugs in infants, children and pregnant women
Nakiyingi, Lydia	Attending physician, TB Unit, Mulago National Referral & Teaching Hospital, Lecturer -Makerere University	TB research implementation
Nankya, Ethel	Post-Doctoral Fellow at Boston University/Fogarty fellow from Uganda	TB research and bioinformatics
Noubary, Farzad	Assistant Professor, Tufts University	Biostatistics, especially the evaluation of novel diagnostics and longitudinal data analysis.
Rosen, Sydney	Professor in Global Health within the Boston University School of Public Health	Effectiveness, costs and benefits of HIV/AIDS care and treatment interventions. Research on the economics of tuberculosis, antimicrobial resistance, malaria prevention and treatment and air pollution.
Rybak, Natasha	Assistant Professor, Brown University	HIV/TB and MDR-TB treatment, supportive management of treatment - also pediatric TB/MDR-TB. Currently conducting TB research in Ukraine with a focus on HIV/TB, MDR-TB in children.
Sagar, Manish	Associate Professor of Medicine and Microbiology, Boston University School of Medicine	HIV pathogenesis, transmission
Sanne, Ian	Associate Professor of Medicine at the University of Witwatersrand and Director of the Clinical HIV Research Unit	Observational and prospective data to inform prevention and treatment strategies in the resource poor setting.
Saitz, Richard	Professor, Boston University School of Public Health	Screening and brief intervention, integrating substance-related and general health care, improving the quality of care for people with unhealthy substance use, particularly in general health settings, and basing care on science
White, Laura	Associate Professor of Biostatistics at Boston University School of Public Health	Development of novel methodologies for the detection of disease outbreaks and statistical methods for public health surveillance systems, including spatial statistics and time series. Expertise with several large international household contact studies focused on TB.

Table 2. NIH and CFAR Funding among SWG members

Name	Grant number/Grant Mechanism	Title
RO1 Funding in TB		
Ellner, Jerrold J.	R01AI124217	Impact of Pregnancy on Tuberculosis
Ellner, Jerrold J.	R01AI124217-Supplement	Role of Iron Deficiency in Resistance of Women of Child-bearing age to Tuberculosis
Jacobson, Karen	R01AI119037	The impact of alcohol consumption on TB treatment outcomes

White, Laura	R01GM122876		Methods to Estimate the Effect of Interventions on the Incidence and transmission of tuberculosis
Other R Funding in TB			
Kramnik, Igor	R33AI105944		Novel TB Treatment strategy optimization of macrophage responsiveness to IFNY
NIH Center Funding in TB			
Ellner, Jerrold J.	U19 AI111276		Biomarkers and mechanisms of paucibacillary and latent tuberculosis
Ellner, Jerrold J.	UH2AI122313		Autophagy-based host directed therapy for Tuberculosis
Horsburgh, Robert	U01 AI100805		Phase 2 pharmacodynamic study of high-dose Levofloxacin in MDR-TB treatment
K Award in TB only			
Jenkins, Helen	K01AI102944		Understanding Spatial Heterogeneity of Drug Resistant Tuberculosis
NIH/CRDF Global - TB only			
Ellner, Jerrold J.	DAA2016062375		Administrative Supplement - A triage strategy for TB, based on inflammatory biomarkers and mycobacterium tuberculosis-specific serologies
Ellner, Jerrold J.	USB1-31150-XX-13		Biomarkers for risk of TB and for TB treatment failure and relapse
Ellner, Jerrold J.	USB1-31150-XX-13		INDO-US RePORT Common Protocol
Ellner, Jerrold J.	OISE-9531011		Clinical Research Unit (CRU) for advancement of Tuberculosis (TB) Biomarker-Targeted Interventions
Fogarty Training - TB only			
Ellner, Jerrold J.	DWTW009093		Training of Ugandans in Basic Research on TB and Emerging Infectious Diseases
Non-NIH Funding - TB only			
Carter, E. Jane	TB Reach Wave 5: 684_CHS/ OPS (Stop TB Partnership)	UN	Finding the Children-Pediatric TB in Kenya
R01 Funding in HIV only			
Gummuluru, Rahm	R01AI064099		Mechanism of cell-associated HIV-1 transmission
Henderson, Andrew	R01AI097117		Transcription mechanisms that contribute to HIV-1 latency
Saitz, Richard	U01 AA020784		URBAN ARCH (5/5) Boston cohort - Alcohol and HIV-associated comorbidity and complications: Frailty, functional impairment, falls, and fractures (The 4F Study)
Other R Funding in HIV			
Lurie, Mark	R24HD077976		Partnerships for the next generation of HIV social science in South Africa
K Award in HIV only			
Bor, Jacob	K01MH105320		Economic, health, and behavioral dimensions of HIV treatment scale-up
Lunze, Karsten	K99DA41245		Stigma, risk behaviors and health care among HIV-infected Russian people who inject drugs