



Environmental surveillance for SARS-CoV-2 and Other Pathogens in Dhaka, Bangladesh, for Public Health Impact

Mami Taniuchi

Mami Taniuchi received her BSE in Biomedical Engineering from Duke University, MS and PhD in Biomedical Engineering from the University of Virginia. She is an Associate Professor of Medicine with a primary appointment in the Division of Infectious Diseases and International Health in the School of Medicine and academic appointments in the Department of Biomedical Engineering and Department of Engineering Systems and Environment in the School of Engineering and Applied Sciences at the University of Virginia. Her primary focus and expertise are in developing and implementing molecular diagnostic assays to detect multiple pathogens, including poliovirus, SARS-CoV-2, and other enteric pathogens from clinical and environmental samples in low-resource settings, implementing environmental surveillance for infectious diseases in LMICs, training and mentoring researchers at our overseas field sites. She travels extensively to work for prolonged periods at culturally and geographically diverse field sites to build capacity at collaborating institutions in Bangladesh, India, Pakistan, Tanzania, and Thailand and works with numerous collaborators at international and US institutions.



GPCE Seminar Series

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