Dr. Tim Amukele is an Assistant Professor of Pathology at the Johns Hopkins University School of Medicine; the Medical Director of the Makerere University-Johns Hopkins University laboratory in Kampala, Uganda; and the Associate Director for Clinical Pathology programs for Pathologists Overseas Inc. He studies diagnostic clinical laboratories in developing countries and is working on drone transportation of biological samples to expand the reach of these diagnostic centers.

By the beginning of March 2016, the US FAA had granted over 3700 exemptions (permissions) for the use of Unmanned Aerial Vehicles (UAVs) – colloquially known as drones. While the majority of these were for use in the film, mining, and agriculture industries, there are examples of drones being used in healthcare. In this talk, Dr. Amukele will present some of the work we have done to validate drone transportation of laboratory specimens via drone.