

## **Dr. Sheri Lewis, Manager of Health Protection and Assurance Program, Johns Hopkins Applied Physics Laboratory**

Sheri Lewis manages the Health Protection & Assurance program area within the Johns Hopkins Applied Physics Laboratory's (APL) National Health Mission Area. Lewis oversees technical aspects of a range of programs focused on better utilization of data and technology to improve the integration of health systems, global health engagement strategies, and the ability of the US to rapidly and effectively detect and respond to emerging health threats. Lewis' teams are integral in providing data for Johns Hopkins COVID-19 dashboard.

An expert in disease surveillance, Lewis previously led APL's program in health surveillance, working closely with U.S. and international public health communities, as well as local, state and federal entities, on the development and implementation of electronic disease surveillance systems, mobile health applications for data collection and analysis, and the development of advanced analytics for the prediction and modeling of emerging infectious diseases. This work has been particularly pertinent as the world grapples with the COVID-19 pandemic.

Lewis represents APL on the steering committees for Johns Hopkins University's Global Health Initiative and Alliance for a Healthier World and is a member of the Board of Trustees for Howard County General Hospital. She holds degrees in Biology and Public Health.