

Dr. Loren Shaffer is a Veterinary Epidemiologist and project consultant Northrop Grumman Technical Services. He earned his PhD and MPH from The Ohio State University. His academic and professional work focuses in utilizing existing data from various species and sources to better detect the emergence of outbreaks of infectious disease. He remains a proponent of the One-Health approach to disease surveillance.

During his work on one project for the Defense Threat Reduction Agency, the Electronic Integrated Disease Surveillance System, he designed a time series analysis module where users analyze case reports to detect anomalous occurrences, a syndromic surveillance module to record case-based and aggregate reporting of pre-diagnostic cases, and a zoonotic disease analysis tools to enable users to look at prevalence and incidence of disease across species.