



TEXAS A&M UNIVERSITY

Department of Electrical
& Computer Engineering

Friday, Nov. 19, 2021 | 11:30 – 12:20 p.m. Central

Meeting Location: ETB 1020

U.S. Defense Threat Reduction Agency Technical Reachback Overview

Abstract

The U.S. Defense Threat Reduction Agency (DTRA) enables the Department of Defense (DoD), the United States Government and International partners to counter and deter weapons of mass destruction (WMD) and emerging threats. Associated with this mission, DTRA's Technical Reachback provides 24/7 chemical, biological, radiological, nuclear, and high yield explosives subject matter expertise and decision support capability for planning, operations, and postevent analysis. It is used by CCMDs and partner nations, the Office of the Secretary of Defense, the Joint Staff, the Intelligence Community, other U.S. Government agencies, first responders and serves as the technical operations hub for the U.S. Government's Interagency Modeling and Atmospheric Assessment Center (IMAAC).

Michael Traynor, PhD

Michael Traynor works for the U.S. Defense Threat Reduction Agency in the Reachback program. The DTRA Reachback has Subject Matter Experts with advanced degrees in fields including chemistry, physics, hydrology, meteorology, nuclear engineering, virology, epidemiology, and more offer deep analysis of technical questions from combat operations to domestic support, with the help of the whole-of DTRA's decision support tools. Michael received his PhD from Rice University.