

CBTS DISTINGUISHED SPEAKER SERIES

WILLY VALDIVIA

A DATA-DRIVEN RISK-BASED ENTERPRISE FOR OPERATIONAL DECISION

Dr. Willy A. Valdivia-Granda will be discussing his current project with CBTS titled, "A Data-Driven Risk-Based Enterprise for Operational Decision Support". This discussion will focus on Transboundary pest and disease threats (TPDT), and their omnipresent threats to U.S. commercial crop and animal production. Orion bio, in partnership with North Carolina Central University, is working on developing data integration and forecasting methods that improve decisions about the presence of possible TPDT's before they reach our ports of entry. This project will develop and use artificial intelligence algorithms that learn, adapt, and evolve to improve decisions to aimed at detecting suspect imports and, therefore, preventing the introduction of TPDT's in the U.S.

Dr. Valdivia is the founder and CEO of Orion Integrated Biosciences, Inc., and leads a team of experts in genomics, computational biology, information analysis, and artificial intelligence. Since 2007, his efforts have focused on developing countermeasures against known and unknown biological threats. His work supports the mission of the Department of Defense (DoD), Defense Threat Reduction Agency (DTRA), Department of Homeland Security (DHS), Customs and Border Protection (CBP), Department of Agriculture (USDA), and the National Institutes of Health (NIH). Mr. Valdivia has a broad view of biodefense technology development.



Wednesday January 11th

2:00 - 3:00 pm CST

Virtual via Teams

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