CBTS Virtual Annual Meeting

February 17, 2022
9:00 a.m. - 3:00 p.m. Eastern

The Cross-Border Threat Screening and Supply Chain Defense Center of Excellence will host its annual meeting virtually to update the Homeland Security Enterprise on research and workforce development project progress.

This forum will allow our researchers to connect with DHS customers, stakeholders, and members of the COE network as we support DHS with development of knowledge products, capabilities, and other solutions.

We look forward to seeing you.
If you have any questions regarding the annual meeting, contact us through email at cbts@ag.tamu.edu
Website: https://cbts.tamu.edu/
AGENDA

All times in Eastern time zone

MS Teams Meeting Link: Join Meeting Here

**MORNING SESSION**

Welcome and Center Introductions - 9:00 – 9:15 a.m. Eastern

- Greg Pompelli, PhD – Director
- Heather Manley Lillibridge, PhD – Executive Director
- Matt Cochran, DVM, MIA – Research Director
- Chris Scarmardo – Program Manager, Finance Director

DHS Office of University Programs Welcome - 9:15 – 9:30 a.m. Eastern

- Hilary Shackelford, Program Manager for the CBTS – 9:15 – 9:20 a.m.
- Dr. Rebecca Medina – Director, Office of University Programs, Science and Technology Directorate, Department of Homeland Security – 9:20 – 9:30 a.m.

CBTS: Operations and Overview - 9:30 – 10:00 a.m. Eastern

- Greg Pompelli
- Heather Manley Lillibridge
- Matt Cochran
- Chris Scarmardo

Break - 10:00 – 10:10 a.m. Eastern

Innovation Research - 10:10 a.m. – 11:15 a.m. Eastern

This portfolio supports research and tools needed to improve assessments of existing and emerging bio-threats and assess risks within critical supply chains. It supports research that leverages existing trade and industry data and information to better depict and validate supply chains.

1. Permissioned Blockchain Testbed for Tuna Tracking - TAMU, College of Engineering – Steve Liu, PhD – 10:10 – 10:25 a.m.
2. Truck Border Crossing Delays and Disruptions Economic Impact Assessment Model – TAMU Transportation Institute (TTI) – Juan Villa - 10:25 – 10:40 a.m.
3. Pre-symptomatic Detection of Illness - Biomeme – Ephraim Tsalik, MD, PhD, MHSc – 10:40 – 10:55 a.m.
5. Project Champion Comments and Group Discussion 11:10 a.m. – 11:25 a.m.
Taskforce Projects – 11:25 a.m. – 12:10 p.m. Eastern

This portfolio focuses on more immediate use of analysis to creation of forums for combined scientific, economic, and homeland security expertise. CBTS is leveraging contributions from two COVID-19-related projects to establish a hybrid data storage and processing infrastructure that can serve as a repository for relevant data and information sources across CBTS projects.

1. Risk Scenarios Models and Converging Threats on the U.S. Trade Supply Chain Infrastructure  
   TAMU – College of Engineering – Zenon Medina-Cetina, PhD - 11:25 – 11:40 a.m.
3. Project Champion Comments and Group Discussion – 11:55 a.m. – 12:10 p.m.

Education Highlights – 12:10 – 12:25 p.m. Eastern

- Jenny Ligon – Former CBTS Education Director

Lunch Break – 12:25 – 1:15 p.m. Eastern

AFTERNOON SESSION

Detection Research – 1:15 – 2:05 p.m.

This portfolio supports research designed improve address the development of existing and novel detection tools, and data resources needed to improve surveillance of existing and emerging bio-threats and assess risks within critical supply chains.

1. Low-cost method using dogs to detect contraband - University of Washington – Sam Wasser, PhD - 1:15 – 1:30 p.m.
2. Data-Driven Risk-Based Enterprise for Operational Decision Support – Willy Valdivia, PhD - 1:30 – 1:45 p.m.
3. African Swine Fever Tick Vectors (New) – TAMU IIAD - Dee Ellis, DVM - 1:45 – 1:55 p.m.
5. Project Champion Comments and Group Discussion 2:05 – 2:20 p.m.


Greg Pompelli, Heather Manley Lillibridge, Matt Cochran, and Chris Scarmardo

Closing – 2:55 – 3:00 p.m.

Greg Pompelli