

Awareness and Localization of Explosives-Related Threats (ALERT)

*A Department of Homeland Security Emeritus Center of
Excellence*

Welcoming Remarks and ALERT's Emeritus Status

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ALERT

AWARENESS AND LOCALIZATION
OF EXPLOSIVES-RELATED THREATS

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So What? Who Cares?

- **ALERT accomplishments**
 - Fundamental research in explosive characterization, mitigation, detection
 - ADSA/ADEPT workshops; training DHS workforce
 - Acknowledge DHS S&T and Dr. Laura Parker for supporting ALERT
 - Established industrial board to speed up deployment of advancements
- **Emeritus status:**
 - Basic ordering agreement (BOA)
 - CONTINUES FOR ANOTHER 5 YEARS
 - Enables creation of new task orders to be executed;
 - Contact me to collaborate on future task orders.
 - ADSAs/ADEPTs will continue.
- **ALERT Current and Future Initiatives**
 - AI Jumpstart (\$2.2M 1 year), Engineering PLUS (NSF \$10M, 5 years)
 - Existing Task orders: Simulated air cargo; Illegal material interdiction for CBP; Enhanced material classification for AIT; Video tracking of passengers and divested items; Improved swabs for trace detection
 - Submitted a proposal for a new COE on protecting soft targets