

DPSI

DOMESTIC PREPAREDNESS SUPPORT INITIATIVE



FY25 Defense Lab Funding Opportunities

Particular technologies of interest:

- ▶ Emerging Fentanyl technologies: detection, vaccination, and personal protective equipment.
- ▶ Early warning wildfire detection systems with Artificial Intelligence (AI) and Machine Learning (ML) capability.
- ▶ Common Operating Systems with AI/ML to enhance municipal law enforcement missions at Federal, State, and local levels.
- ▶ Passive personnel tracking technologies for law enforcement safety and protection.
- ▶ Aerial Observation/Ground Surveillance Systems with AI/ML and Advanced Video Systems manageable from remote locations to increase border security.
- ▶ Emerging Counter Unmanned Aerial Systems (C-UAS) systems to mitigate violation impacts to public/private sectors.

Funding Opportunities: \$100,000 - \$350,000 in research support from DPSI. To be considered, participants must complete and submit the “DPSI Proposal Application” to the POCs listed at the right no later than **15 March 2025.**

DPSI Background:

Authorities: BOB STUMP NATIONAL DEFENSE AUTHORIZATION ACT FOR FISCAL YEAR 2003, Sec. 1401. Transfer of technology items and equipment in support of homeland security. Under DoDI 5535.10 the Assistant Secretary of Defense for Homeland Defense and Global Security (ASD(HD&GS)) serves as the senior DoD official to coordinate all DoD efforts to identify, evaluate, deploy, and transfer to Federal, State, and local first responders technology items, equipment, and services in support of homeland security and antiterrorism efforts.

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