Program Exploration
Finding Your Way Through LRBAA
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The LRBAA is S&T’s standing, open invitation to the scientific and technical communities to propose novel ideas that address DHS components' highest priority operational needs.

- Solicitations are open for a five-year period
- Submissions are accepted to the advertised topics at any time during the five-year period
- Topics are updated quarterly and support DHS mission areas

Visit the BAA portal: https://baa2.st.dhs.gov/portal/BAA/
LRBAA Details

Types of Efforts

• Basic and Applied Research (Type 1) – funded for one to three years
• Unique Prototypes (Type 2) – funded up to two years, including base & option
• Mature technology improvements & assessments (Type 3) – funded for less than one year

Details

• Applicants can be domestic or international organizations of any size to include industry, academia and universities, national laboratories, and recognized R&D organizations
• Topics are updated annually

For more information or to apply: https://baa2.st.dhs.gov/portal/BAA
Industry Engagement (10-Day Process)
• Submit to any open topic
  • 3-page abstract describing the technology or research
  • Quad chart
  • Optional short video

Virtual Pitch (35-Day Process)
• Offeror has 14 days to submit
  • 12-slide PowerPoint presentation
  • Updated Quad Chart (optional)
  • 45-minute Virtual Pitch meeting

Written Proposal (66-Day Process)
• Offeror has 45 days to submit
  • Technical Proposal
  • Cost Proposal

LRBAA Process

Long Range Broad Agency Announcement
Topics Posted
https://baa2.st.dhs.gov/portal/BAA/

Ideas Submitted
Short Abstract, Quad Chart & Optional Demonstration Video

Virtual Pitch
Idea Explored in More Detail
(Proposal – Phase 1)

Written Proposal
(Proposal – Phase 2)

Peer Review Panel Evaluates Proposals

Award Recommendation, Decision & Contracting
S&T Research Priority Need Areas

Managing Incidents

Preventing Terrorism

Protecting from Terrorist Attacks

Securing Aviation

Securing Borders

Securing Cyberspace

Explore LRBAEA’s 23 refreshed topic areas!
DHS S&T Program Areas

- Air, Land, and Ports of Entry Security
- Baggage/Cargo/People Screening
- Biometrics & Identity Management
- Chem/Bio Detection
- Community & Infrastructure Resilience
- Counter UAS (C-UAS)
- Countering Violent Extremism
- Detection Canine
- Explosives Threat Assessment
- First Responder Capability

- Forensics & Criminal Investigations
- Immigration Services
- Information Analytics
- Maritime Safety & Security
- Natural Disaster Resiliency
- Opioid/Fentanyl Detection
- Physical Security
- Probabilistic Assessment of National Hazards Threats and Risks (PANTHR)

Program areas are subject to change based on DHS priorities
DHS S&T Technology Centers Division Overview

Providing research and technical expertise to inform policy, strategy, operations, and acquisition to meet the homeland security challenges of today and tomorrow.

**Enduring Sciences Branch**
- Hazard Awareness & Characterization
- Social Science

**Innovative Systems Branch**
- Interoperability & Compatibility
- Sensors & Platforms
- Biometrics & Identity

**Advanced Computing Branch**
- Data Analytics
- Quantum Information Science
- Artificial Intelligence/Machine Learning
- Modeling & Simulation
- Cyber

**Current, Emerging, Future Threat Expertise**
- chemical, biological, explosives, behavioral science

**Novel Engineering & Technology Expertise**
- intelligent sensors; autonomous systems; resilient communications; advanced networks; position, navigation and timing (PNT); enhanced identity technologies

**Leading Edge Computing Expertise**
- data sciences, artificial intelligence, modeling & simulation, cybersecurity
Welcome to the DHS Science and Technology Directorate's new Long Range Broad Agency Announcement (LRBAA) Program Submission Portal. The LRBAA is our standing, open invitation to the scientific and technical communities to propose novel ideas that address DHS Components' highest priority operational needs. S&T's LRBAA 18-01 features new processes adopted by those we rely upon to meet our mission.

- Transparent, simplified announcement with more details
- Streamlined efficient submission procedures
- Notification of DHS interest in your research in 10 days
- Flexible communications including dialogue with topic program managers, a virtual pitch and submission of an optional video
LRBAA Open Funding Opportunities

DHS BAA Funding Opportunities
LRBAA | Portal Login & Dashboard
LRBAA Today Webinar Series

Innovation is the driving force behind the work of the Department of Homeland Security (DHS) Science and Technology Directorate (S&T) and engaging with industry is essential to delivering the best technology solutions to DHS’s end-users and operators. S&T’s Long Range Broad Agency Announcement (LRBAA) is a standing, open invitation to the scientific and technical communities to submit proposals for open topics that address priority homeland security needs.

The LRBAA Today webinar series is an opportunity for the innovation community to learn more about the Department’s research challenge areas, specific to LRBAA topics, and understand how to use the LRBAA program to work with S&T. Watch the videos below and hear about the work currently being pursued under the topic area and gain context for the solutions being sought.

LRBAA Today Webinars

- Public Safety Threat Prevention | July 23 - WATCH THE VIDEO!
  Due to the growing number of threats to our nation, DHS S&T supports the evolving threat landscape of a dynamic world with changing motivations, actors, communication models, and weaponry. This webinar focused on S&T’s Threat Prevention research efforts, specifically in the areas of terrorism and targeted violence, human trafficking and child exploitation, countering foreign influence and disinformation, and community resilience.
DHS S&T LRBAAA Resources

DHS S&T LRBAAA Website
www.dhs.gov/science-and-technology/st-lrbaa

LRBAAA Today Webinars

DHS S&T BAA Portal
https://baa2.st.dhs.gov/portal/BAA/

DHS S&T LRBAAA Solicitation
https://beta.sam.gov/opp/8e142dbe5e2149db99b49504db0a64bb/view
Next Month on Insights Outreach!

An Industry Partnerships Webinar Series

Navigation Workshop
Partnering With DHS Using CRADAs

Tuesday, May 4, 2021 | 2–3 p.m. EDT

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