U.S.-UK-CANADA TRILATERAL SYMPOSIUM

Panel Discussion:
Working Together in Science & Technology

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International Research Grants
Yearly solicitation for international research proposals, aligned with S&T’s mission, issued (pending the availability of appropriated funds):

- Evaluation of novel tools or approaches to confronting homeland security challenges.
- Basic research to provide data, understanding, or models that support S&T or policy decisions by the Department of Homeland Security.
- S&T and operations research evaluations to support revolutionary improvements in the DHS mission and its component agencies’ operations.

Opportunities are posted at [www.grants.gov](http://www.grants.gov) under funding opportunity DHS-09-ST-108-001
Clandestine Tunnel Detection

Predicted Location, 
\[ x = 13.5m \]
\[ z = 5.5m \sim 18ft \]

Approx location of tunnel

F fence

International Ave

Borehole ~18m

G96, G95, ..., G2, G1

F48

USA

Mexico

Drainage ditch

0.5m
SECURE™ Program
Developing Solutions in Partnership with the Private Sector

• ‘Win-Win-Win’ Public-Private Partnership program benefits DHS’s stakeholders, private sector and—most importantly—Taxpayers

• Saves time and money on product development costs leveraging the free-market system and encouraging the development of widely distributed products for DHS’s stakeholders

• Detailed articulation of requirements (ORD template) and T&E review provides assurance to DHS, First Responders and private sector users (like CIKR) that products/services perform as prescribed

http://www.dhs.gov/xres/programs/gc_1211996620526.shtm
BLAST RESISTANT CAMERAS

SUMMARY: Collaboration with industry to develop low cost blast resistant forensic surveillance capabilities for mass transit applications

CUSTOMERS: Mass transit owners and operators, law enforcement

PROGRAM START: June 2008

WHAT'S NEXT: With first prototype deliveries and blast test and evaluations completed, we are now in the process of executing thermal evaluations and initiating a pilot experiment with 10 different transit systems in cooperation with TSA and the Department of Transportation Volpe Center.