



# Department of Navy (DON)

Small Business Innovation Research (SBIR)  
Small Business Technology Transfer (STTR)

**Mr. Bob Smith**  
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# DON SBIR/STTR

- Primary Program Goals:
  - Use small business to develop innovative R&D that addresses DON need
  - Commercialize (Phase III) SBIR-developed technology into a DON platform or weapons/communication system, or for facilities use in expeditionary bases in new “pivot” locales in Africa and Asia
- About the Program:
  - Acquisition Driven Process with Strong Technology Pull
  - \$300M+ annual funding supporting small business innovation/research
  - Wide range of SBIR/STTR topics driven by **specific** needs

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**Small Business Innovation Research**
NAVY
**Small Business Technology Transfer**

Supporting Technological Innovation - Providing Cutting-Edge Solutions - Stimulating Economic Growth

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**Data Sources**

- ♦ All Data Sources
- ♦ Navy Awards (3909)

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boats and watercraft ♦ conceptual framework ♦ dozens of RF ♦ electromagnetic interference ♦ electromagnetic launcher ♦ electromagnetic shielding ♦ electromagnetic solver ♦ electromagnetic spectrum ♦ formulations without sacrificing ♦ High-Power Microwave ♦ HPM attack ♦ inertial navigation ♦ Large-scale Electromagnetic ♦ radar and SATCOM ♦ radar clutter ♦ rail gun ♦ shipboard electromagnetic

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**Phase**

**Firm DUNS**

**Firm Name**

**Firm ZIP(s)**

**State Code**

**Topic Number**

**Award TPOC**

**Fiscal Year**

**Contract No**

**Keyword(s)**

If unsure of firm name spelling, check to perform fuzzy search

**Number of Results:**

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Federate Search to DTIC?

Search on Award Start Date?

**95.35% Active Motion-Compensation Technology for Roll-On/Roll-Off Cargo Vessel Discharge to Floating Platforms**

Summary: Active Motion-Compensation Technology for Roll-On/Roll-Off Cargo Vessel Discharge to Floating Platforms,The overall goal of this Phase II project is to develop a motion compensating platform (MCP) technology for the 32MJ Electromagnetic (EM) railgun aboard the Joint High Speed Vessel (JHSV). Ship motion for the catamaran is significantly different from a monohull such as the DDG 51.. Active Mot...

Topic Number: N112-137

Firm Name: Advanced Technology & Research Corp.

Phase: II

Award Start Date: 01/20/2015

Award End/Mod Date: 01/20/2017

Source: Navy Awards

**94.83% Tunable Nanoscale UltraViolet Absorber Particle Technology**

Summary: Tunable Nanoscale UltraViolet Absorber Particle Technology,Physical Sciences, Inc. We have demonstrated chaff cloud formation using both a Capco pyrotechnic burster and a PSI designed and built burster that uses compressed CO2 driven dissemination. At the end of the Phase II Option program, PSI will deliver 240 devices to NSWC/Crane for testing.

Topic Number: N132-100

Firm Name: Physical Sciences Inc.

Phase: II

Award Start Date: 12/23/2014

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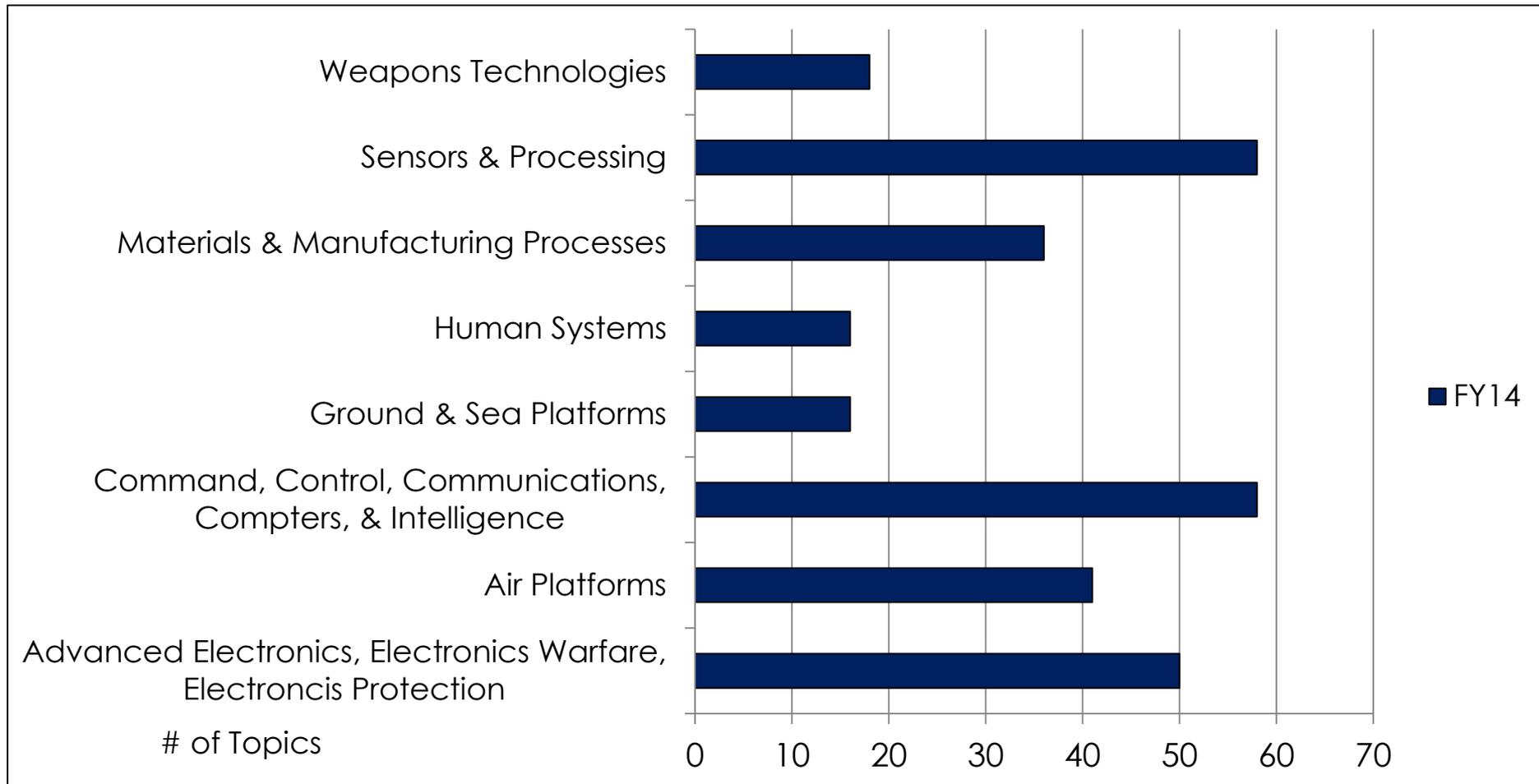
**94.83% A Novel, Low Cost and Handheld Microwave Sensor for the Detection and Evaluation of Incipient Composite Heat Damage**

Summary: A Novel, Low Cost and Handheld Microwave Sensor for the Detection and Evaluation of Incipient Composite Heat Damage.Due to their high specific strength and light weight properties, polymer matrix composites (PMCs) are increasingly used in a wide variety of military

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# DON SBIR/STTR Topic Focus



**Note: Research in areas of Cyber Security, Engineered Resilient Systems, Counter-IED, Autonomy, and Energy & Power Technologies were all funded during the period; however, these topics were included in other research categories based on prior taxonomies.**



# What is part of DON SBIR/STTR?



**We Need Your Solutions**





# Participating DON SYSCOMs

**DON  
Program  
Staff**

**Bob Smith**  
Director, DON SBIR/STTR

**Lee Ann Boyer**  
DON CRP  
Program Manager

**Dusty Lang (Acting)**  
DON STTR  
Program Manager

**Systems Commands  
(SYSCOM)  
Program Managers**

**NAVSEA**  
Dean Putnam  
Program Manager  
SBIR/STTR/CRP

**ONR**  
Lore-Anne Ponirakis  
Program Manager  
SBIR

**NAVAIR**  
Donna Moore  
Program Manager  
SBIR

**MARCOR**  
Elizabeth Madden  
Program Manager  
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**SPAWAR**  
John Thom (Acting)  
Program Manager  
SBIR/STTR/CRP

**NAVSUP**  
Mark Deebel  
Program Manager  
SBIR/STTR/CRP

**NSMA**  
John Keiran  
Program Manager  
SBIR/STTR/CRP

**SSP**  
Mark Hrbacek  
Program Manager  
SBIR/STTR/CRP

**NAVFAC**  
Kail Macias  
Program Manager  
SBIR/STTR/CRP

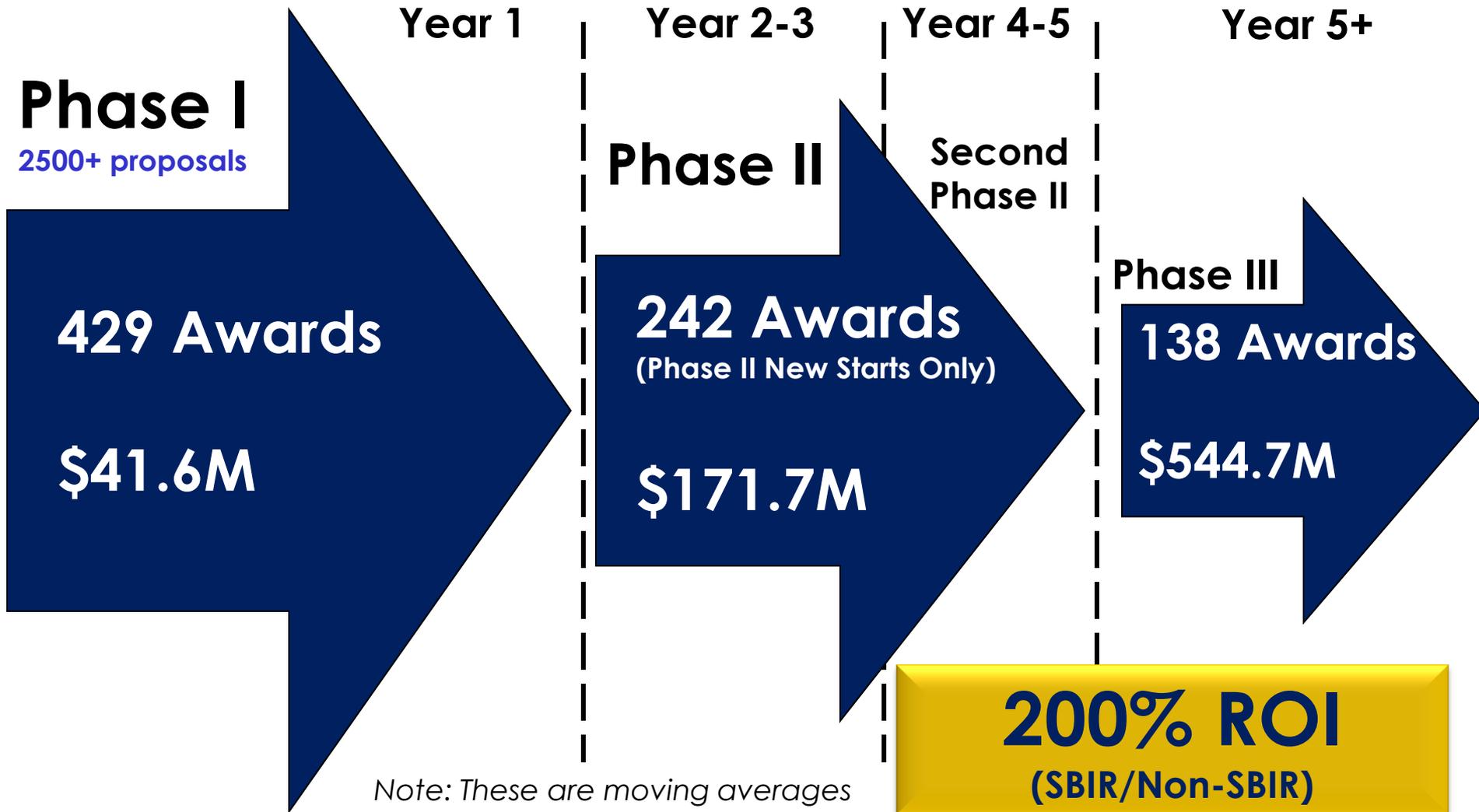


# Why Participate in SBIR/STTR?

- Largest source of early stage R&D funds for small businesses
- Builds credibility of company's research
- Data Rights retained for 5 years
  - STTR: small business must have data rights agreement with research institution
- Small business can maintain ownership of equipment purchased under Phase I and Phase II
- Better alternative than mortgaging the house...again!



# Life of a DON Topic Cycle





# DON SBIR/STTR Points of Contact

**Mr. Bob Smith Director, DON SBIR/STTR**  
**robert.l.smith6@navy.mil**

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# Questions

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