



SBIR/STTR: Seeding America's Innovations

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

www.sbir.gov

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Small Business Innovation Research (SBIR)

- Set-aside program for small business to engage in Federal R&D with goal of commercialization
- 3.2% of the extramural research budget for agencies with a budget greater than \$100M per year
- Over 5,000 new awards every year

~\$2.2 billion set-aside each year



Small Business Technology Transfer (STTR)

- Parallel set-aside program which requires small businesses to subcontract with a U.S. research institutions – with goal of commercialization
- 0.45% of the extramural research budget for agencies with a budget greater than \$1B per year

~\$300 million set-aside each year



Program Goals

- Address the **Research and Development needs** of that Federal agency
- Stimulate technological **innovation**
- **Commercialization** of the SBIR/STTR funded effort
- Foster and encourage **participation** in innovation and entrepreneurship by women and socially and economically disadvantaged persons

SBIR Database

- SBA is required by statute (15 U.S.C § 638) to develop and maintain a Public and Government Database
- This information is housed on SBA's Award Database and Business Intelligence Platform – SBIR.gov
 - There are over 80 fields of data per award
 - Which translates to more than 13 million data field entries in the system
 - All awards are published

Award Searches

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Agency

☐ Department of Agriculture (105)

☐ National Institute of Food and Agriculture (105)

☐ Department of Commerce (47)

☐ National Institute of Standards and Technology (8)

☐ National Oceanic and Atmospheric Administration (3)

Phase

☐ Phase I (9864)

☐ Phase II (4651)

Program

☐ SBIR (13013)

☐ STTR (1502)

Year

☐ 2017 (85)

☐ 2016 (618)

☐ 2015 (975)

☐ 2014 (546)

☐ 2013 (318)

☐ 2012 (349)

☐ 2011 (333)

Awards Information

View As:

List

Chart

Map

Search Keywords

Company Name

Topic Code

Search

Reset

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The Award database is continually updated throughout the year. As a result, data for the given year is not complete until April of the following year. Annual Reports data is a snapshot of agency reported information for that year and hence might look different from the live data in the Awards Information charts.

Displaying 1 - 10 of 14515 results

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Awarded Year (descending) ▾

Metal Digital Direct Manufacturing (MDDM) for Close-Out of Combustion Chambers and Nozzle Fabrications

SBC: Keystone Synergistic Enterprises, Inc.

Topic: T12.04

This NASA sponsored STTR project will investigate methods for close-out of large, liquid rocket engine, nickel or stainless steel nozzle, coolant channels utilizing robotic laser and pulsed-arc additive manufacturing (AM) methods. Structural jacket to coolant channel land area interface strength will be quantified and metallurgical characterization completed. Process optimizations will be conducted ...

STTR

Phase II

2017

National Aeronautics and Space Administration

Wideband Autonomous Cognitive Radios for Networked Satellites Communications

SBC: Bluecom Systems And Consulting, LLC

Topic: T5.01

Wideband Autonomous Cognitive Radios (WACRs) are advanced radios that have the ability to sense state of the RF spectrum and the network and self-optimize its operating mode in response to this sensed state. During the just finished Phase I STTR project, Bluecom Systems was able to develop a comprehensive design for realizing such a WACR and demonstrate the proof-of-concept operation in a hardware ...

STTR

Phase II

2017

National Aeronautics and Space Administration

www.sbir.gov/sbirsearch/award/all

Award Search

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FUNDING TOPICS

→ OPEN

→ FUTURE

→ CLOSED

FILTER BY:

Agency

☐ Department of Agriculture (87)
☐ National Institute of Food and Agriculture (22)

☐ Department of Commerce (188)
☐ National Institute of Standards and Technology (48)
☐ National Oceanic and Atmospheric Administration (40)

Phase

☐ Phase I (7064)
☐ Phase II (596)

Program

☐ SBIR (6247)
☐ STTR (1473)

Year

Closed Topic Search

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NOTE: The Solicitations and topics listed on this site are copies from the various SBIR agency solicitations and are not necessarily the latest and most up-to-date. For this reason, you should visit the respective agency SBIR sites to read the official version of the solicitations and download the appropriate forms and rules.

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PA-14-157: HHS STTR PA-14-157

Release Date: 03-14-2014

Open Date: 07-05-2014

Due Dates: Multiple

Close Date: 04-05-2017

This Funding Opportunity Announcement (FOA) encourages Small Business Technology Transfer (STTR) grant applications from small business concerns (SBCs) that focus on development of technologies in biomedical computing, informatics, and Big Data science. This FOA is coordinated by the NIH Big Data Initiative (BD2K) and the Biomedical Information Science and Technology Initiative (BISTI) committees. ...

STTR Department of Health and Human Services

PA-14-154: HHS SBIR PA-14-154

Release Date: 03-14-2014

Open Date: 07-05-2014

Due Dates: Multiple

Close Date: 04-05-2017

This Funding Opportunity Announcement (FOA) encourages Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) that focus on development of technologies in biomedical computing, informatics, and Big Data science. This FOA is coordinated by the NIH Big Data Initiative (BD2K) and the Biomedical Information Science and Technology Initiative (BISTI) committee ...

SBIR Department of Health and Human Services

www.sbir.gov/sbirsearch/topic/past



Topic Search

Proposal Data

- SBA collects proposal information from the 11 participating agencies
 - SBA has three years of proposal data for DOE (FY15-17)
- Data Fields include:
 - Proposal Year
 - Solicitation Year
 - Solicitation Number
 - Proposal Number
 - Agency Tracking Number
 - Solicitation Topic Code
 - DUNS

Available information for Program Evaluation

- NAS question: “What does the statute mandate must be made available for program evaluation”
 - 15 U.S.C § 638 lists the information which is to be collected for program evaluations under Sec. (K)(2) – Government Database

Links between SBIR and other SBA programs

- “Does the fact that you won an SBIR award make you more likely to get a loan from SBA later?”
 - No specific overlap and we don’t measure this
 - SBA does not track a small business to see if they are more likely to get a SBA-backed loan after winning an SBIR award (and may not have authority)
 - We are also unable to track later SBIC investments, although we are aware of examples of companies with SBIC supported companies
- SBA continues to encourage SBIR applicants and awardees to utilize the expertise and assistance of the Agency’s support network
 - This includes FAST, Accelerators, SBDC, WBC, and SBA District Offices
- SBA’s Growth Accelerator Fund Competition awardees have also become more familiar with the SBIR program and play an important role in their communities

Potential Study Topics

- Can you determine the baseline for underrepresented groups, i.e. number of women owned small businesses that work in the development of thin film materials...
- How do SBIR and STTR collaborations form?
 - And of greater interest, can you identify and document what makes best in class
 - How do we encourage or even market the value of collaborations to Universities, Investors, Accelerators...
- What is the overall benefit of SBIR/STTR (monetary, job growth, and societal)?