



U.S. Small Business
Administration

DARPA SBIR/STTR Outreach Event
The Small Business Administration (SBA)
Columbus & Cleveland District Offices

Presented by

U.S. Small Business Administration
Columbus & Cleveland District Office
Business Opportunity Specialists, 8(a)
Shanda Harris, Jill Nagy-Reynolds, & Vanessa Behrend

Apex Accelerator Webinar
February 22, 2023

The SBA works to ignite change and spark action
so small businesses can confidently...

START • GROW • EXPAND • RECOVER



SBA Offices in Ohio

Columbus District Office

Covers **60** of Ohio's 88 Counties

Central & Southern Ohio

Cleveland District Office

Covers **28** remaining Ohio Counties

Northeast Ohio

How Does SBA Help?

Identifying The Right Tools at the Right Time



Free Business **Counseling**



SBA Guaranteed **Capital**



Federal Government **Contracting**



Crisis Support for Homes and Businesses

SBA's Role with SBIR/STTR Programs

SBA's Role...

- The U.S. Small Business Administration (SBA) serves as the **coordinating agency** for the SBIR/STTR program.
- Surveys and provides oversight on SBIR/STTR Programs
- Develop and provide policy and program guidance
- Responsible for all data to include gathering, analysis and reporting, and manage SBIR.gov data platform
- It directs the agencies' implementation of SBIR, reviews their progress, and reports annually to Congress on its operation.
- Help to increase participation in SBIR/STTR through Federal-wide outreach and training to both private/public support network and tech entrepreneur
- SBA is also the information link to SBIR program.
- For more information on the SBIR Program, please contact: technology@sba.gov (link sends e-mail)

SBIR/STTR Programs

Goals of SBIR/STTR Programs

- Meet federal **research and development needs**
- Increase private-sector **commercialization** of innovation derived from federal research and development funding
- Stimulate technological **innovation**
- Foster and encourage **participation** in innovation and entrepreneurship by women and socially/economically disadvantaged individuals
- Foster **technology transfer** through cooperative R&D between small businesses and research institutions (STTR)

SBIR/STTR Participating Agencies

- Each year, Federal agencies with extramural research and development (R&D) budgets that **exceed \$100 million** are required to allocate 3.2% (since FY2017) of this extramural R&D budget to fund small businesses through the SBIR program.
- Federal agencies with extramural R&D budgets that **exceed \$1 billion** are required to reserve 0.45% (since FY2016) of this extramural R&D budget for the STTR program.
- Currently, eleven Federal agencies participate in the SBIR program and five of those agencies also participate in the STTR program.
- Each agency administers its own individual program within guidelines established by Congress.
- These agencies designate R&D topics in their solicitations and accept proposals from small businesses.
- Awards are made on a competitive basis after proposal evaluation.

SBIR/STTR Participating Agencies

List of Participating Federal Agencies

- Department of Agriculture (USDA)
- Department of Commerce (DoC)
- NIST, NOAA
- Department of Defense (DoD)
- Department of Education (ED)
- Department of Energy (DOE)
- Dept of Health and Human Services (HHS)
- NIH, FDA, CDC, ACL
- Department of Homeland Security (DHS)
- Department of Transportation (DOT)
- Environmental Protection Agency (EPA)
- National Aeronautics and Space Administration (NASA)
- National Science Foundation (NSF)

Locating SBIR/STTR Data - www.sbir.gov

The screenshot shows the SBIR/STTR website interface. At the top, there is a navigation bar with links for Home Links, About, Funding, Awards, News, Events, Resources, and Tutorials. The Awards menu is open, showing options for List, Chart, State Map, API, Company Listing, Annual Reports, and Dashboard. Below the navigation bar, there is a search bar with fields for Company Name and Topic Code, and a Search button. On the left side, there are filter sections for Agency, Phase, Program, and Year. The Agency filter includes options like Department of Agriculture (3516), Department of Commerce (1545), National Institute of Standards and Technology (356), National Oceanic and Atmospheric Administration (181), and Department of Defense (83694). The Phase filter includes Phase I (125662) and Phase II (51832). The Program filter includes SBIR (162863) and STTR (14631). The Year filter includes 2020 (27) and 2019 (3825). The main content area displays search results for 'Integrated Photonic Filters for RF Signal Processing' by SBC: OEwaves, Inc. (Topic: T8) and 'Scalable and Distributed Inertial Navigation Systems' by SBC: CU AEROSPACE L.L.C. (Topic: T4). The results show the STTR Phase II 2020 National Aeronautics and Space Administration award details.

Find Information on:

- Award Details –By State, Firm, Technology Area, Agency, etc.
- List
- Agency Activity & Funding Levels
- Chart
- Geography – State Map
- Program Trends
- Annual Reports
- Dashboard

Locating SBIR/STTR Data - www.sbir.gov

The screenshot displays the SBIR/STTR website interface. At the top left is the logo for SBIR/STTR, America's Seed Fund, powered by SBA. To the right are links for Login/Register, Contact Us, and Search. A navigation bar includes Home Links, About, Funding, Awards, News, Events, Tutorials, and Resources. The Resources dropdown menu is open, showing categories: FAQs (General Questions, Eligibility Requirements, Size Rule, Company Registry, Performance Benchmarks, Data Rights, VC Participation, Miscellaneous, Other SBIR/STTR Questions, Terms & Abbreviations, Agency FAQ Links), For Entrepreneurs (Quad Chart Template, SBIR-STTR Outreach One Pager, External Resources, Tools), API, Doing Business in USA, SBIR Economic Impact, and SBIR/STTR Conference Presentations. On the left side of the page, there are buttons for FIND FUNDING, SUCCESS STORIES, and GET THE 411. Below these are three image-based sections: 'Learn About' with a woman at a desk, 'I'm a(an)...' with scientists in a lab, and 'I Want to...' with a hand on a mouse.

Resources Tab:

- FAQs
- SBIR/STTR Conference
- Presentations
- SBIR Economic Impact Studies

Where to Begin – Creating Topic Searches

HOME LINKS ▾ ABOUT ▾ FUNDING ▾ AWARDS ▾ NEWS ▾ TUTORIALS ▾ RESOURCES ▾

Home / Topic Search

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

Search Keywords

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.

Displaying 1 - 10 of 7720 results

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) is 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**

Keyword Searches:

Learn which agencies
fund different
technology areas!

www.sbir.gov/sbirsearch/topic/past

Conducting Award Searches

HOME LINKS ▾ ABOUT ▾ FUNDING ▾ AWARDS ▾ NEWS ▾ TUTORIALS ▾ RESOURCES ▾

Home / Award Information

FILTER BY:

Agency

- Department of Agriculture (105)
- National Institute of Food and Agriculture (0)
- 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](#)

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

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**

Keyword Searches:

- Identify Successful Firms
- Identify Agency Investments in Technology Areas

www.sbir.gov/sbirsearch/award/all

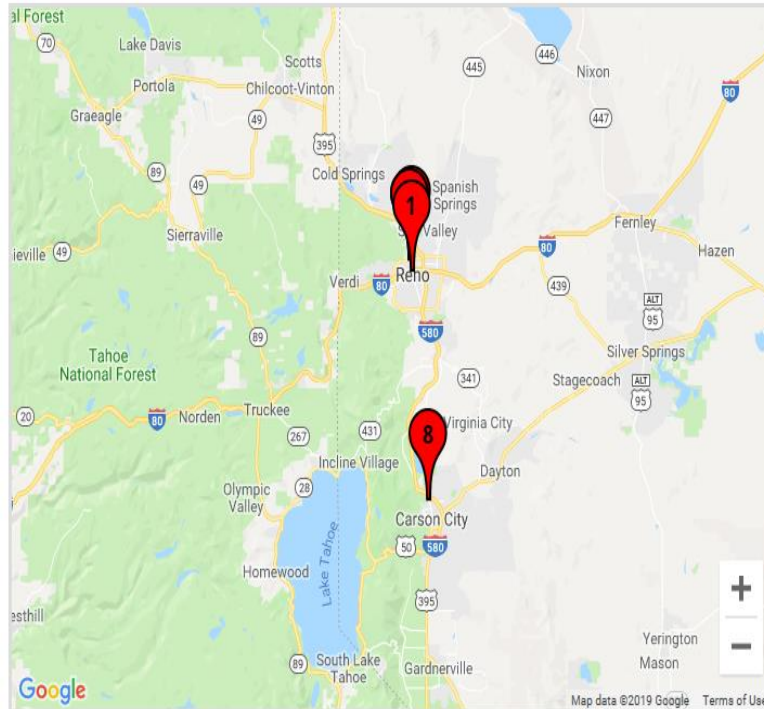
Connecting the Innovation Ecosystem

Local Resources Locator

Nevada

Local Resource Type

- Current Federal and State Technology (FAST) Partnership Program Awardee
- Previous Federal and State Technology (FAST) Partnership Program Awardee
- Small Business Development Center (SBDC)
- Procurement Technical Assistance Center (PTAC)
- SBA Regional Innovation Cluster
- SBA Growth Accelerator
- Manufacturing Extension Partnership (MEP)
- State Contact



SBA works with a number of local partners to counsel, mentor, and train small businesses in the Innovation Ecosystem.

www.sbir.gov/local-resources/OH

Ohio SBA's SBIR/STTR Resource Partner
Ohio Aerospace Institute (OIA)

Questions – Q & A



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Thank You!