



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

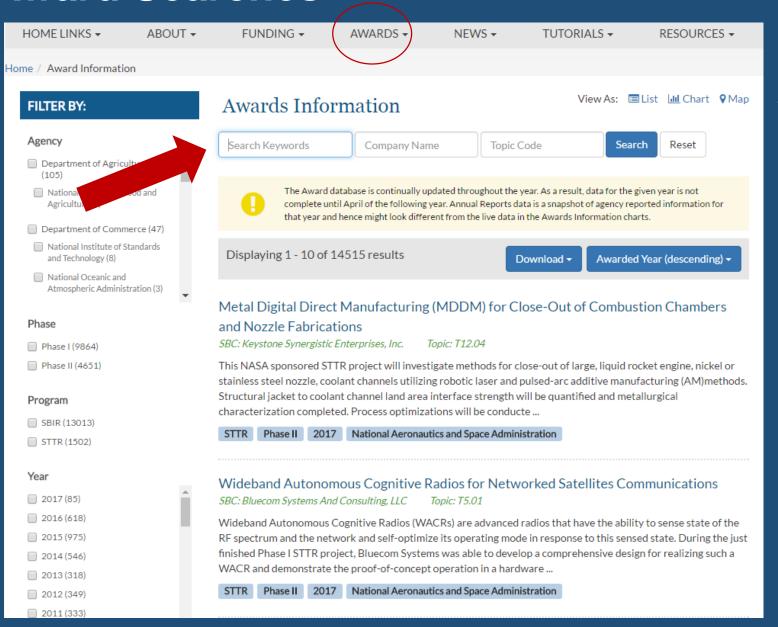


SBIR Database

- 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

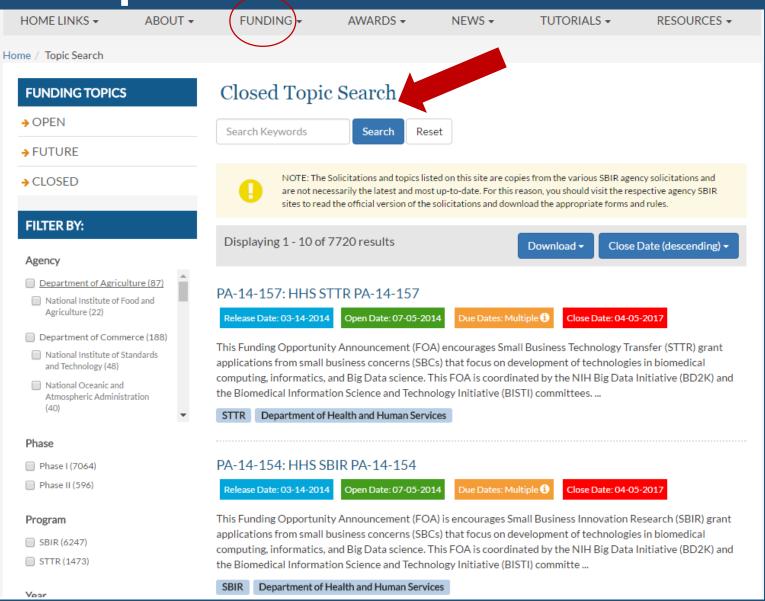


www.sbir.gov/sbirsearch/award/all





Topic Searches



www.sbir.gov/sbirsearch/topic/past





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)?

