



PatentsView for Policy

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 potential for commercialization
- 3.2% of the extramural research budget for agencies with a budget greater than \$100M per year

\$2.2 billion set-aside each year

Small Business Technology Transfer (STTR)

- Parallel set-aside program to facilitate cooperative R&D between small businesses and U.S. research institutions – with potential for commercialization
- 0.45% of the extramural research budget for agencies with a budget greater than \$1B per year

\$290 million set-aside each year



Program Goals

- 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 socially and economically disadvantaged persons
- Foster **technology transfer** through cooperative R&D between small businesses and research institutions (STTR)

Why We Work on America's Seed Fund

<https://www.sbir.gov/news/testimonials>



23andMe



MedImmune

iRobot

sonicare

illumina[®]



Symantec

QUALCOMM[®]

**MADE
IN SPACE**

SBIR/STTR is a Gated Process w/ Three Phases

Phase I

Concept Development
6 months – 1 year
~ \$150,000

Phase II

Prototype Development
24 months
~ \$1,000,000

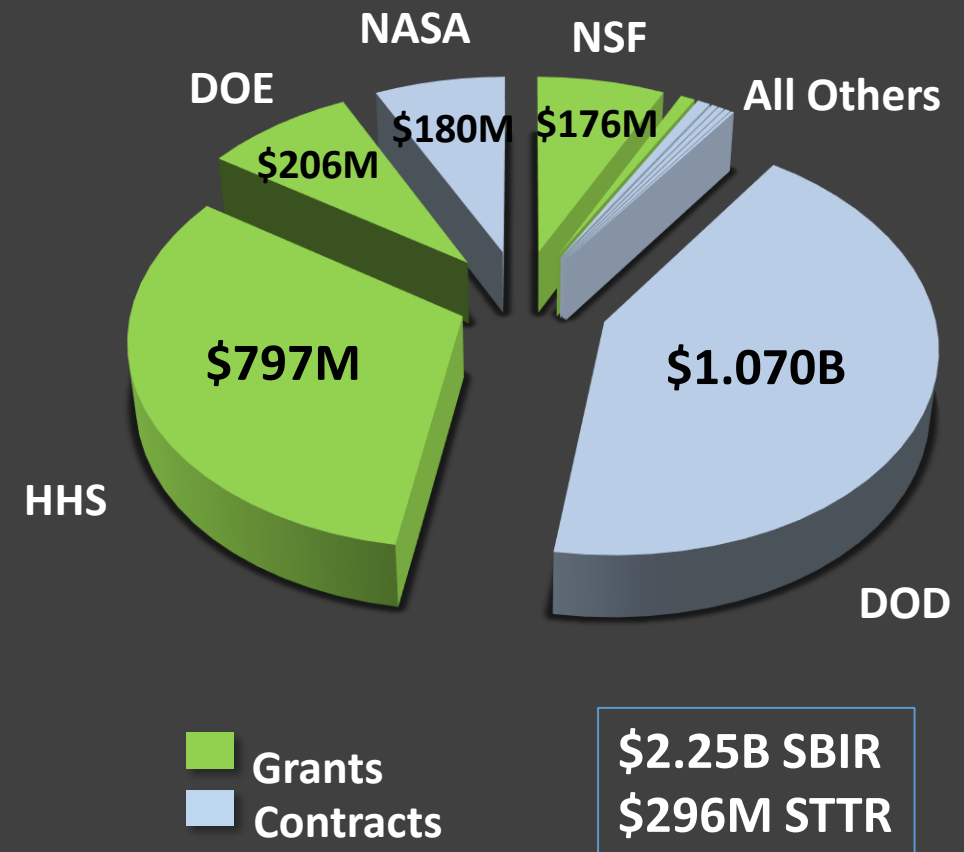
Phase III

Commercialization
No SBIR funding

SBIR/STTR Budget by Agency, FY2015

Agencies with SBIR/STTR Programs	Budget
Department of Defense (DOD)	\$ 1.070 B
Department of Health and Human Services (HHS), including the National Institutes of Health (NIH)*	\$797.0 M
Department of Energy (DOE), including Advanced Research Projects Agency – Energy (ARPA-E)	\$206.1M
National Aeronautics and Space Administration (NASA)	\$ 180.1 M
National Science Foundation (NSF)	\$176.0 M
Agencies with SBIR Programs	Budget
U.S. Department of Agriculture (USDA)	\$20.3M
Department of Homeland Security (DHS): Science and Technology Directorate (S&T) and Domestic Nuclear Detection Office (DNDO)	\$17.7 M
Department of Commerce: National Oceanic and Atmospheric Administration (NOAA) and National Institute of Standards and Technology (NIST)*	\$8.4M
Department of Transportation (DOT)	\$7.9 M
Department of Education (ED)	\$7.5 M
Environmental Protection Agency (EPA)	\$4.2 M

* Provides grants and contracts



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Resources + Data Platform



LEARN ABOUT

- Overview
- Policy Directive
- Authorization Act
- Intellectual Property
- Commercialization Successes
- FAQs
- Performance Benchmarks
- Participating Agencies
- How to Apply
- Report Fraud, Waste & Abuse




I'M A(AN)...

- Applicant
- Awardee
- Investor
- Large Business
- Agency Representative



I WANT TO...

- START A SMALL BUSINESS
- REGISTER MY COMPANY
- UPDATE MY COMPANY PROFILE/COMMERCIALIZATION
- SUBSCRIBE TO SOLICITATION POSTINGS
- CONTACT AN SBIR AGENCY
- SUBMIT AN SBIR/STTR RELATED EVENT
- FILE FOR IP PROTECTION
- LEARN MORE ABOUT GLOBAL INNOVATION EXCHANGE
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NEWS

Jazz Up Your Knowledge of NIH at the Spring 2017 NIH Regional Seminar in New Orleans

SBIR Pulse: 2016 Tibbetts Awards Special Edition (Q&A with EnChroma CEO and



NASA Small Business @NASA_OSBP

#NASA #LaRC RFP Environmental Support Services (ESS), Women-Owned #SmallBiz Set-Aside. NAICS 541620. Due 5/1/17. goo.gl/pFkAWP

SBIR/STTR Program Retweeted

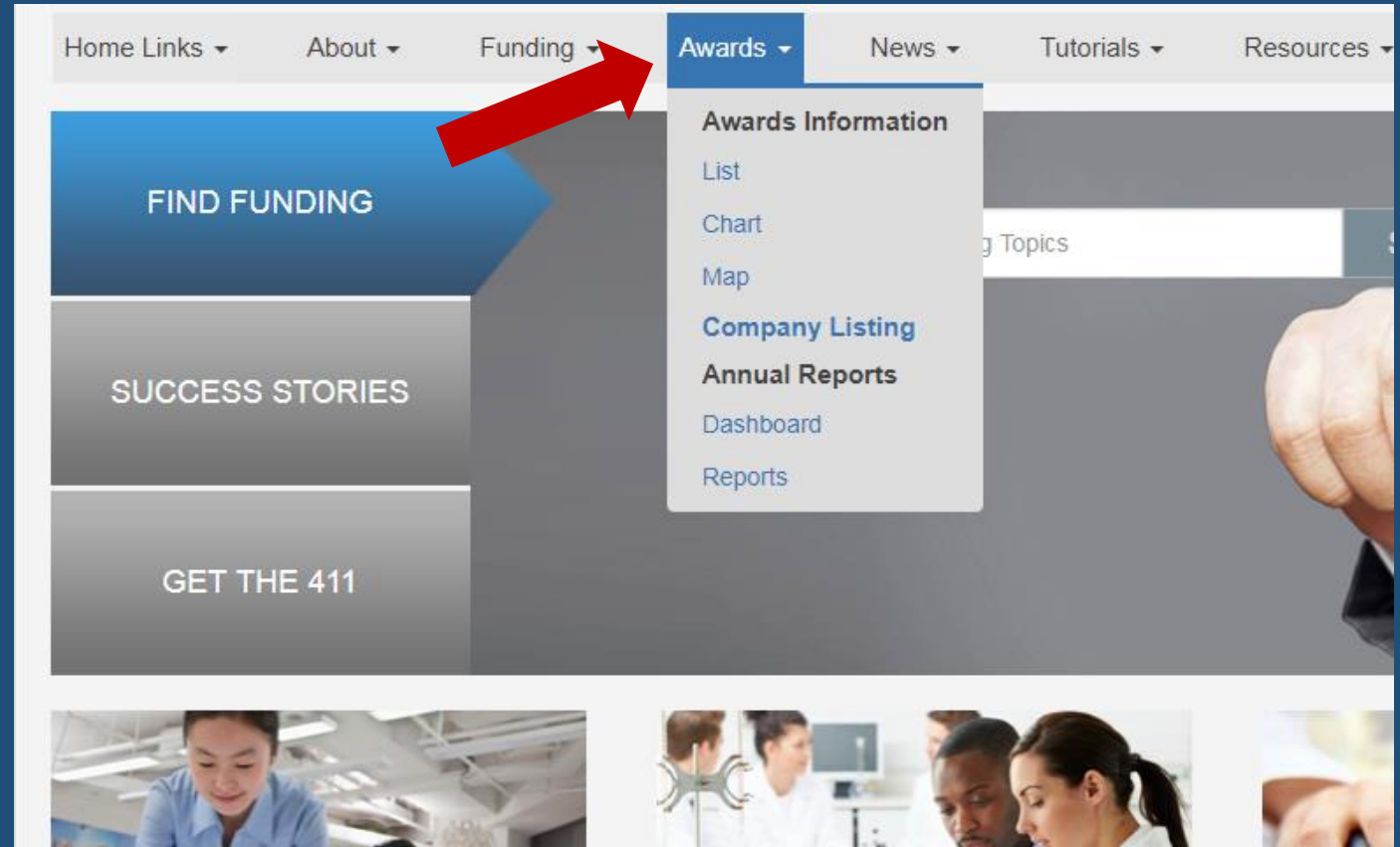
SBIR/STTR Program @sbirgov

On April 4th @SBAGov & @Microsoft have teamed up for a webinar on the #SBIR/STTR programs Join us! content.govdelivery.com/accounts/USSSA...



SBIR/STTR Award Information Across Federal Agencies

- 160,000+ awards
- 48,000+ companies
- Various visualizations



<https://www.sbir.gov/sbirsearch/award/all>

How Do the SBIR/STTR Programs Use Patent Data?

→ Program Evaluation

→ Commercialization Performance Benchmark

- For SBIR/STTR awardees with 16+ Phase II awards over past 10 fiscal years (excluding the last 2)
- Minimum required levels of commercialization:
 - Average of at least \$100,000 sales/investments per Ph II award;
OR
 - Number of patents resulting from SBIR work equal to or greater than 15% of the number of Ph II awards received during the period

USPTO-SBA Collaboration

- SBIR/STTR impacts on company outcomes
 - Patents and trademarks
 - Sales
 - Employment
- Using NETS (National Establishment Time Series Database)

How I'd Like to Use PatentsView: A Government Agency View

- Ease agency program evaluation use
 - Government interest statements, award identifiers?
- Enable studies of university/small business collaboration
 - Connections/transitions between assignees
- Connections to iEdison (invention reporting)?

Stay In Touch



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