

Small Business Innovation Research Small Business Technology Transfer

Gynelle Steele

NASA SBIR/STTR Deputy Program Executive

The STTR Program

Small Business Technology Transfer (STTR)

- STTR facilitates cooperative R&D between small business concerns and U.S. research institutions – with potential for commercialization
- Currently, 0.45% of the extramural research budget for all agencies with a budget greater than \$1B per year (5 federal agencies presently participate)
- The STTR program has a statutory requirement to stimulate a partnership of ideas and technologies between innovative small business concerns (SBCs) and Research Institutions through Federally-funded research or research and development (R/R&D).
- STTR also adheres to SBA directives to increase participation by Women-Owned, Veteran-Owned and Small Disadvantaged Businesses and outreach to HBCUs and Minority Serving Institutions. Outreach is also made to under represented areas/regions of the country.



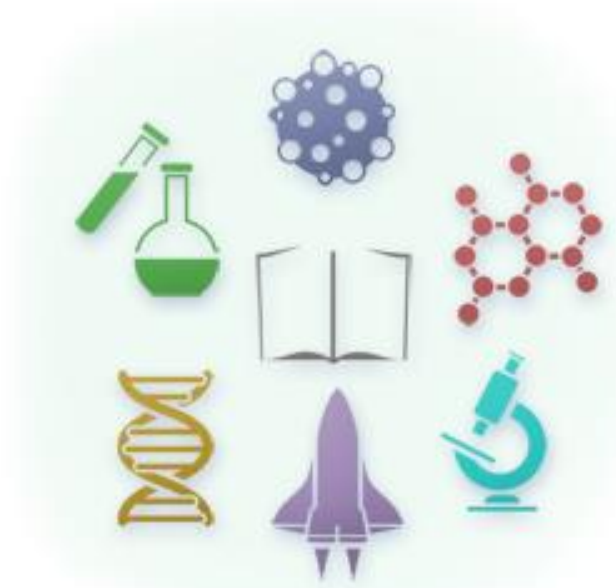
Why Should You Participate in STTR?

For the Small Business Concerns

- Opportunity to leverage expertise and innovative ideas from Professors/Research Staff/Students
- Opportunity to leverage specialized facilities and experimental equipment at the Research Institutions (RIs) when often SBCs may not be able to afford such facilities on their own
- Opportunity to create a pipeline of usable talent for the company from the RIs
- Develop working relationship & credibility with government R&D
- Foster partnerships with large corporations and academia
- Provide recognition and visibility for your business
- Attract venture capital and other funding sources

For the Research Institutions

- Opportunity to create/inspire entrepreneurship as a vital part of the educational experience
- Opportunity to access federal funding for research
- Opportunity to get RI Intellectual Property (IP) involved in the project and licensed
- Opportunity to gain visibility in the research community, generate peer-reviewed pubs., etc.



Intellectual Property

Patent Rights

- Small business concerns normally retain the principal worldwide patent rights to any invention developed with government support

Government Use

- The federal government receives a royalty-free license for federal government use



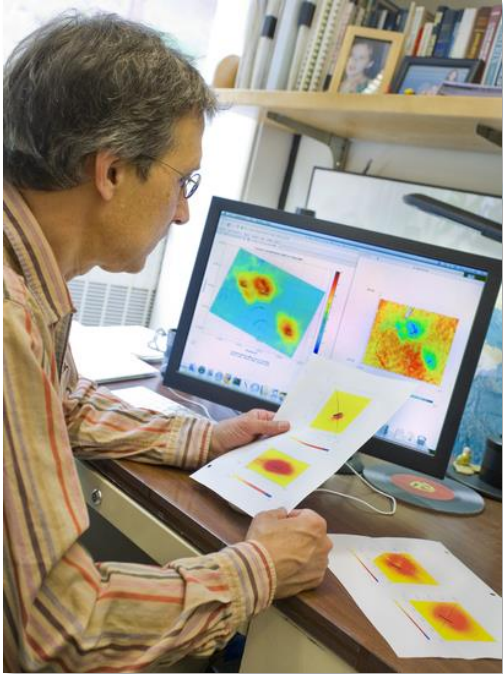
U.S. Patent and Trade Office

<http://www.uspto.gov/>

NASA Program Background

- NASA's SBIR and STTR programs have awarded more than **\$3.75B** to research-intensive American small businesses to date; STTR makes up close to **\$300M** of that figure.
- Engineers and scientists from more than 3,100 Firms in all 50 States, DC, and Puerto Rico have participated across the two programs.
- Each year about 1,700 NASA scientists and engineers support the program performing technical reviews
- NASA invests significant funds and technical expertise into the program and is rewarded with significant R&D results which we infuse into our program, along with access to new businesses and RIs who may participate in other NASA programs!

Data Protection



Protection Period

- Data generated from your R/R&D is protected from public disclosure for a minimum of 4 years (civilian agencies) or 5 years (DOD) after the conclusion of your award (Phase I, Phase II, or federally funded Phase III)

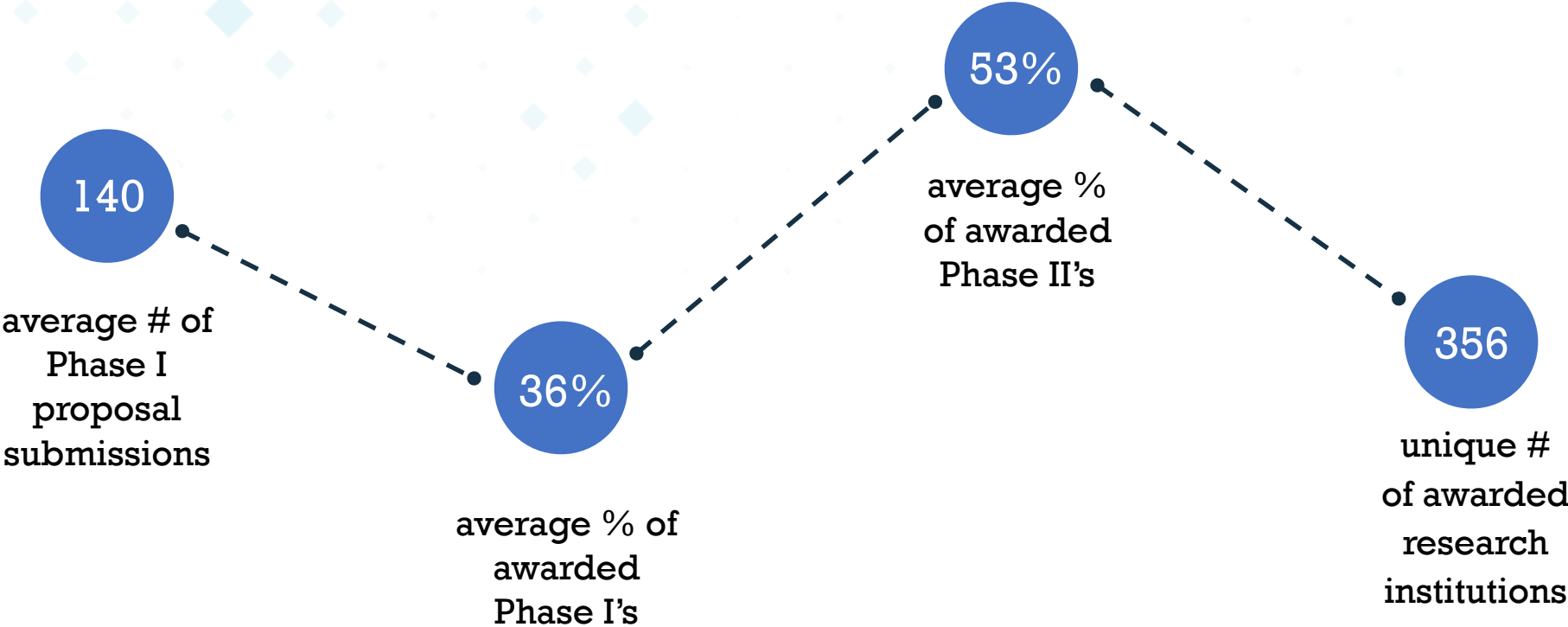
Government Use

- The government retains a royalty-free license for government use of any technical data delivered under an SBIR/STTR award, whether patented or not

Working with Research Institutions



Phase I & II STTR Awards Data Points (last 5 years)



Checklist before Submitting Application

- Submit proposal prior to the deadline
- Perform the “Endorse Proposal” step, which is the final step in the submissions process
- Make sure you meet the format requirements (margin and font size, page limitation)
- Have the RI register correctly (STTR Requirement)
 - For STTR proposals the RI needs to endorse the Research Agreement prior to your proposal being complete and submitted
 - RI will need to create an account in the Proposal Submission EHB
 - register under your firm using your EIN, State, and PIN so they are attached to your proposal correctly
 - choose the RI option at the bottom of the page when entering their name, email, phone, etc.



NASA SBIR/STTR Website | www.sbir.nasa.gov

The NASA SBIR/STTR website is located at www.sbir.nasa.gov

Research NASA's Needs
Annual Solicitations including past years

Looking to Join the Program?

- Program Basics
- Forms Library
- Model Contract
- In-depth Training Resources and FAQs

Contact the Program
SBIR/STTR Helpdesk and Program Points of Contact

Contact Us and Let's Innovate Together

Website

www.sbir.nasa.gov

Sign up for our Newsletter

<https://sbir.nasa.gov/info>

NASA Help Desk

301.937.0888