

Venture Capital and America's Seed Fund

Jennifer C. Shieh, PhD

Chief Scientist and Program Manager

Investment and Innovation Ecosystem Development

Office of Investment and Innovation

The Small Business Innovation Research and Small Business Technology Transfer (SBIR/STTR) programs have seeded innovation since 1982.



4,000

Average number of companies funded per year



\$4.7 billion

Total funds invested in FY23



0%

Equity or IP ownership taken by the government

11

Federal R&D Funding Agencies

3

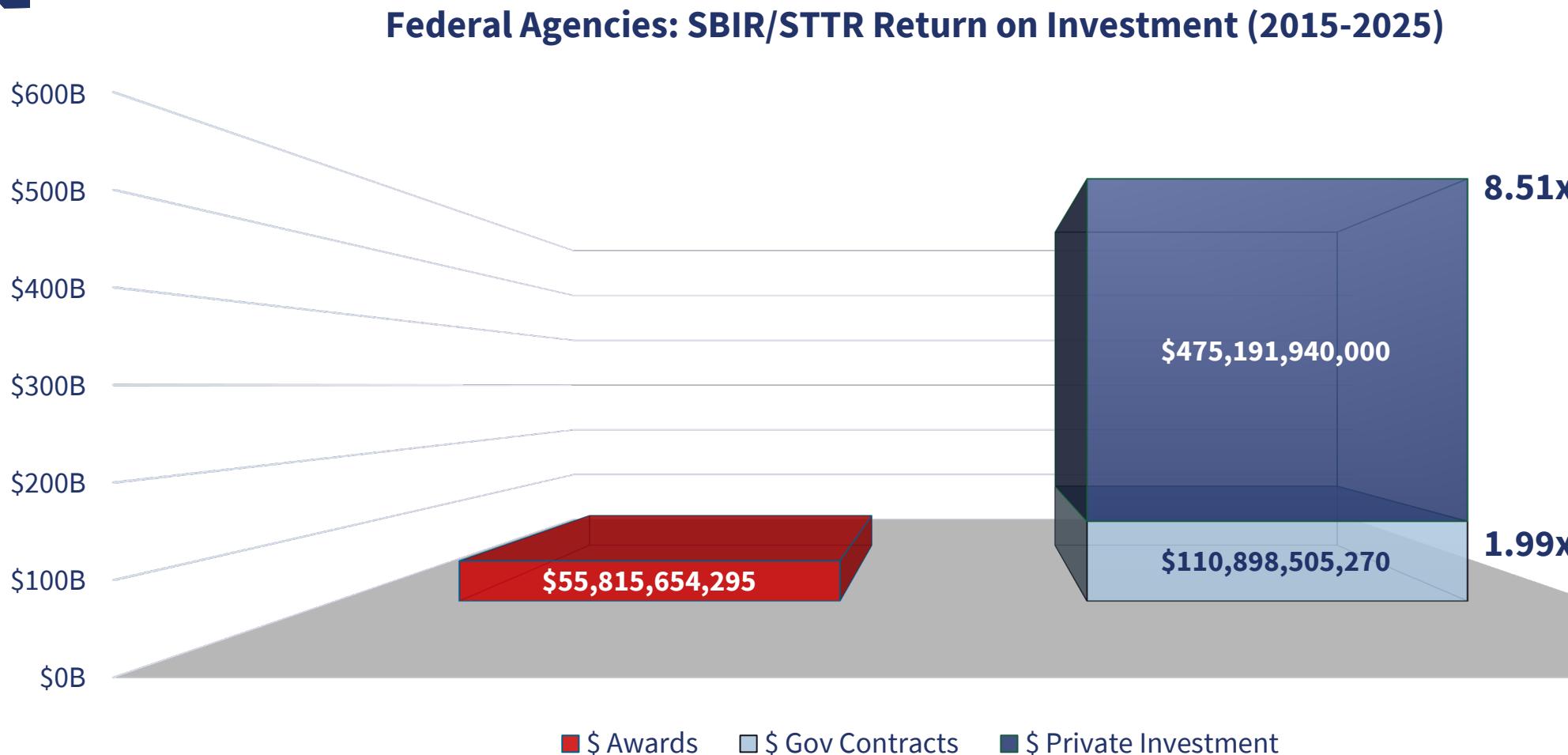
Phases

How it works.

Participation with America's Seed Fund is based on a three-phased process:



Investing in American innovation gets returns.



\$ Awards - SBIR.gov, \$ Gov Contracts - FPDS-NG (Designated Phase III's for company),
\$ Private Investment - Pitchbook (Total Raised for company)



U.S. Small Business
Administration

The SBA Role in America's Seed Fund

Oversight and guidance on SBIR/STTR programs

- Survey and monitor agencies and report to Congress annually
- Develop and provide policy and program guidance
- Responsible for all data to include gathering, analysis and reporting, and manage SBIR.gov data platform

Lead Federal-wide outreach, training, and building of the support ecosystem

- Increase participation in SBIR/STTR programs, done through extensive outreach and training to both private/public support network and tech entrepreneur
- Manage FAST (Federal And State Technology) Partnerships Program, Regional Innovation Clusters, and Growth Accelerator Fund Competition
- Build a strong network to include SBA Field Offices, R&D agencies, state economic development offices, universities, and resource partners

SBIR/STTR Program Eligibility: Reference Documents

- SBIR/STTR Policy Directive
- Size and Eligibility Requirements for the SBIR/STTR Programs
 - 13 CFR § 121.701 – 121.705
- Guide to SBIR/STTR Program Eligibility
 - Updated September 2024

SBIR/STTR Program Eligibility: The Basics

- Certify eligibility at time of award

SBIR and STTR

- For-profit concern located in the US
- More than 50% directly owned and controlled by a US citizen or permanent resident alien, or other small business concerns
- 500 or fewer employees, including affiliates

SBIR only

- May be majority owned by multiple venture capital operating companies, hedge funds, or private equity firms as long as no one such firm owns or controls more than 50% of the equity

How could equity investment impact SBIR eligibility?

- Size changes due to affiliation
- Ownership and control

VC Involvement

- Minority shares
- VC itself more than 50% directly owned and controlled by one or more US citizens or permanent resident aliens
- Specific agencies accept applications by for small businesses majority-owned by multiple VC firms

How might we work together to improve data quality and reduce administrative burdens in measuring ROI?

SBIR/STTR Awardees

- *Submit Company Commercialization Reports*
- *Identify/credit SBIR/STTR award ID's in patents, publications*
 - *Enables use & automatic connection of awards to existing public patent, publication databases*

SBIR Funding Agency Partners

- *Validate & verify funding data submitted to SBA (abstracts, award amounts)*

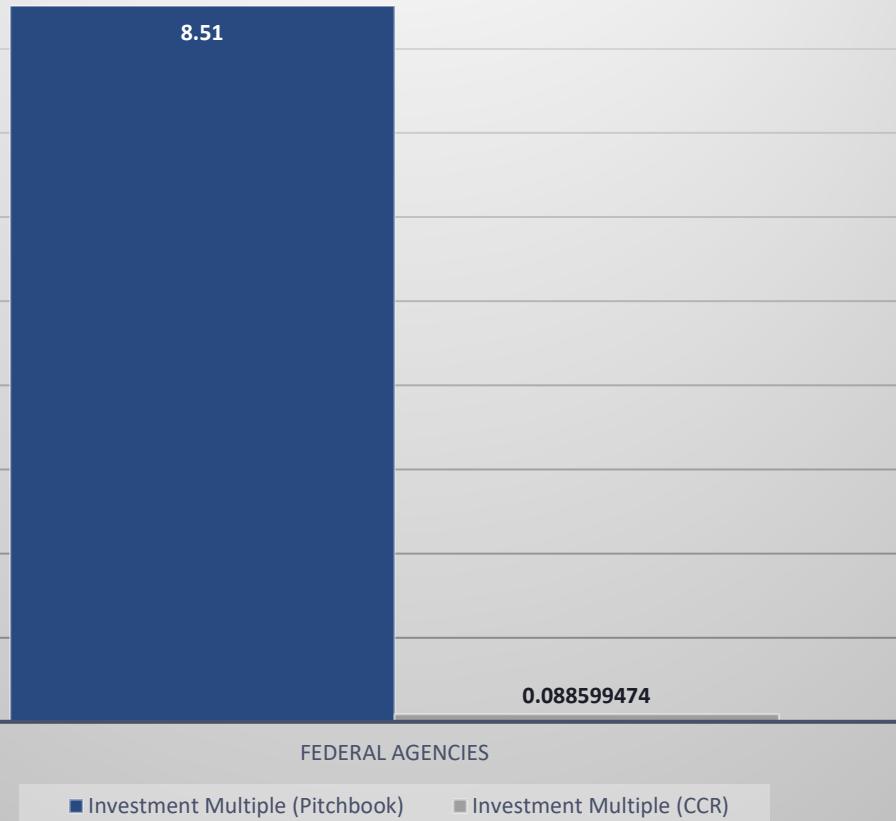
Federal Agency Procurement Partners

- *Mark Phase III in FPDS reporting*

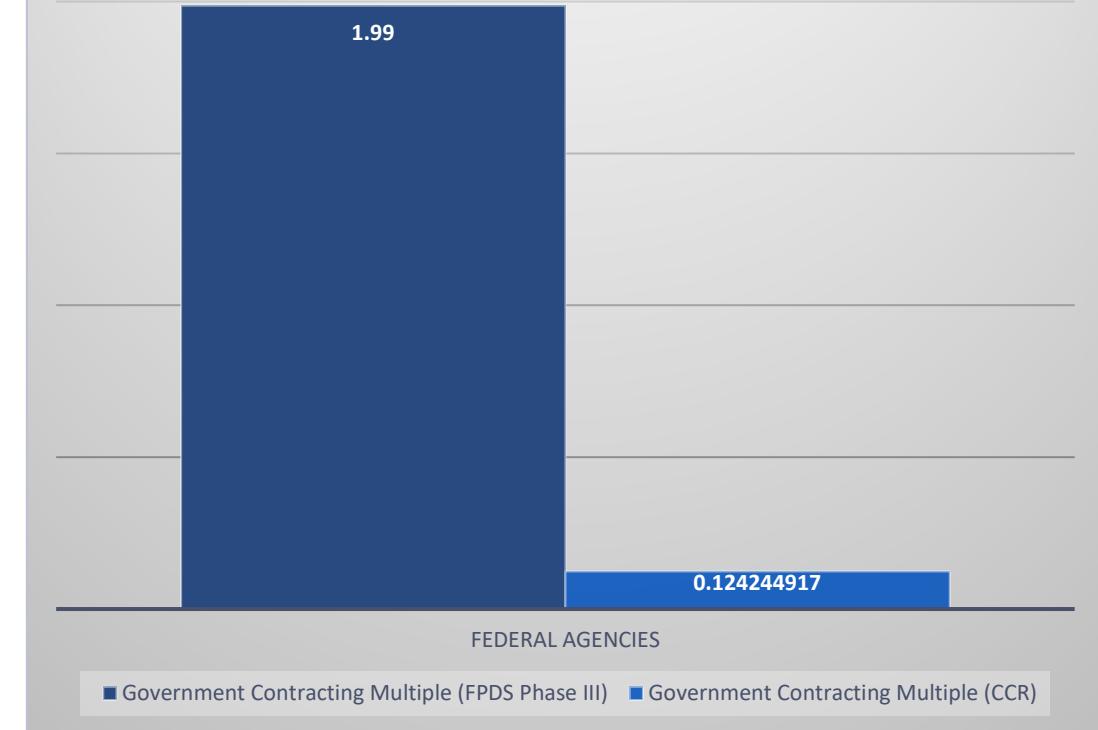
Investment Type	Investment Type
DoD prime contractors	DoD contracts/subcontracts
Private Sector	Angel Investors
Export Markets	Venture Capital
Other Federal Agencies	Self Funded
Additional Commercialization by 3rd party revenue	Private Sector
Other Customers	Other Federal Contracts/Grants
Total Sales	Other Sources
	Total Investment

Current analysis of ROI: All Federal (2015-2025) Awards

All Federal Agencies
SBIR/STTR Investment Multiple
2015-2025



All Federal Agencies
SBIR/STTR Contracting Multiple
2015-2025



Notable awardees.

America's Seed Fund played a catalytic role in many American innovation giants including:

Qualcomm

illumina

23andMe

iRobot

Let's work together to see your companies on this list!