

**National Aeronautics and Space Administration**  
Small Business Innovation Research & Small Business  
Technology Transfer (SBIR/STTR) Program



## THE CONCEPT | SPRING 2025

Small Business Innovation Research/Small Business Technology Transfer Program

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### Hello, Innovator

Happy Spring! Yesterday, we amended and reopened the **2025 NASA SBIR Phase I Solicitation** and the **2025 NASA STTR Phase I Solicitation**. The new due date for both Solicitations is **5:00 pm ET on Wednesday, May 21, 2025**. If you proposed, please read the associated amendment carefully. Any changes will be made at the SAM.gov links above, and I encourage you to “follow” the posting to stay informed of the latest requirements.

The NASA SBIR/STTR program’s mission is to empower all small business communities to imagine, build, and utilize revolutionary technologies to drive NASA and the national economy to reach new heights. In a well-intentioned move to more efficiently award the contracts, this year’s Phase I solicitations required a proposer’s SAM.gov registration to include the appropriate NAICS at time of proposal submission, rather than at time of award as in years’ past. This resulted in a large number of proposals being screened out due to this administrative hurdle, thus, we amended the solicitations to require only what is explicitly required by Federal Acquisition Regulation (FAR) and allowed more of the potentially groundbreaking technology ideas to be evaluated. With the reopening of the solicitations, the Phase I selections will be pushed out from our original June 2025 date; keep an eye on [sbir.nasa.gov](https://sbir.nasa.gov) for a new anticipated selection date to be posted soon.

I also wanted to address a number of questions we’ve received over the past few months about the impact of various Executive Orders, program reauthorization, and budgetary changes. All SBIR/STTR programs are currently authorized through September 30, 2025, and I am confident Congress will reauthorize the program and likely in ways that will benefit all of us. As we plan our solicitations for the next fiscal year, the NASA SBIR/STTR program will comply with budget determinations made by Congress, and release solicitations and/or topics for which we are allocated funding. We’ll continue to share program updates with our community via this quarterly newsletter and special edition emails, as needed.

As you'll read about in the rest of this edition, we have several exciting opportunities recently announced, coming out soon, or that you can be preparing for. NASA SBIR/STTR is a robust program that supports American small business and is a consistent favorite on both sides of the aisle in Congress, so we are hopeful for an impactful budget to continue serving hardworking entrepreneurs like you!

Jason L. Kessler, Program Executive



## Recent & Upcoming Selections

One of our favorite things is celebrating our new awardees! Read more about our recently announced SBIR Phase II selections, as well as where you'll be able to find information about upcoming selections in the next few weeks.

### **2024 SBIR Phase II | Announced May 14**

NASA selected 108 proposals from U.S. small businesses in 24 states to receive 2024 SBIR Phase II awards, worth up to \$850,000 each plus up to \$50,000 in Technical and Business Assistance (TABA) funds, after advancing their concepts during successful six-month Phase I periods. Find more [here](#).

### **2025 Phase II Sequential | Coming Soon!**

NASA anticipates announcing the selections for the 2025 Phase II Sequential awards in the coming weeks. Phase II Sequential awards are available to Phase II awardees in agency-specified topics to continue the work of an initial Phase II award; this year's topics included lunar surface power; nuclear propulsion; and entry, descent and landing flight instrumentation technologies. Once available, you'll be able to find the awardees [here](#).

### **2025 CCRPP | Coming Soon!**

NASA anticipates announcing the selections for the 2025 Civilian Commercialization Readiness Pilot Program (CCRPP) in the coming weeks. CCRPP is designed to accelerate a technology's path into transitioning to NASA missions as well as commercial markets after they've completed their Phase II award; these awards require a minimum investor funding of \$500,000, and the NASA SBIR/STTR program will match between \$500,000 and \$2.5 million of the external investment. Once available, you'll be able to find the awardees [here](#).

### **2025 SBIR and STTR Phase I | Scheduled for Summer 2025**

*Find updates about the Solicitations' reopening in the Hello, Innovator section*

For those who submitted proposals for SBIR/STTR Phase I, be on the lookout for an email from our program about your selection status and feedback this summer. After announcement, we'll hold an introductory **I-Corps** Webinar for SBIR/STTR Phase I companies as well as our eligible Post Phase II awardees; all eligible companies will receive an email invite and pre-registration will not be required.

One of the questions we often receive is "what kind of technologies is NASA looking for?". One great tactic is to peruse the abstracts of recent announcements, so our recent selection announcements are not only a celebration of all the winning projects but an educational tool for anyone interested in learning more about NASA's needs!

## 2025 SBIR Ignite Phase I Solicitation



The 2025 SBIR Ignite Phase I Solicitation opens this summer and—new this year—NASA has pre-released the **2025 Research Subtopics!** This year's Phase I Solicitation will focus on widening our technology pipeline and increasing new firm participation. While the Solicitation covers new and cutting-edge topics, it will still include popular parts such as Ask Me Anything webinars (more on those below), **I-Corps**, and **TABA**.

Don't leave money on the table! Apply for up to \$6,500 in Phase I TABA funding to contract with vendors for commercialization purposes.

Research Subtopics include:

- **Advanced Manufacturing**
  - Advanced real-time monitoring and control technologies for additive manufacturing
  - Computational design of new materials, processes, and products leveraging the microgravity environment of space
- **Artificial Intelligence**
  - Multidisciplinary Space Hardware design automation leveraging AI techniques
- **Radar**
  - Low-cost mm-wave and cm-wave radar for planetary exploration vehicles
- **Robotics**
  - Modular, scalable robotics subcomponents to unlock scalable robotic manufacturing & assembly in remote, challenging environments

### SBIR Ignite Phase I Ask Me Anything Events

We will be holding Ask Me Anything (AMA) webinars for you to ask all your program, solicitation, and Research Subtopics questions! While the NASA SBIR/STTR Help Desk can answer general process questions, **the AMAs are the one time for asking NASA subject matter experts (SMEs) questions about the Research Subtopics**, so be sure to register and attend. If you cannot attend, recordings of the AMAs will be posted to the NASA SBIR Ignite website.

- Tuesday, June 3 | General AMA - "Keys to a successful SBIR Ignite Proposal" with Canopy Aerospace, Cecilia Energy, and Space Tango. [Register Here](#)
- Thursday June 5 | "AI-Powered Design for Multidisciplinary Space Hardware" AMA. [Register Here](#)
- Tuesday, June 10 | "Advanced Manufacturing (AM) & Robotics for Space Applications" AMA. [Register Here](#)
- Thursday June 12 | "Low-Cost Radar for Planetary Navigation and Autonomy" AMA. [Register Here](#)

## Cybersecurity Resources

We encourage our program awardees and applicants to leverage federal research security training modules. Available resources include guidance, training, and tools provided through:

- **The National Science Foundation (NSF)**, which provides Research Security Training for the research community.
- **Cybersecurity & Infrastructure Security Agency (CISA)**, which provides cyber guidance for small businesses, including a suggested role-by-role breakdown.
- **The Small Business Administration (SBA)**, which provides a training course to sensitize small business owners to the impact that cybercrime can have on them and to provide insight into the types of cybercrime that take place everyday. The SBA may offer other cybersecurity trainings throughout the year as well.
- **Defense Acquisition University (DAU) Cyber Solutions**, which is a learning platform serving the defense industry workforce. Several of their cybersecurity programs (such as Basic Cybersecurity Hygiene) may help small businesses understand FAR 52.204-21, Basic Safeguarding of Covered Contractor Information Systems requirements within the NASA SBIR and STTR Phase I Solicitations.

## Small Business Successes

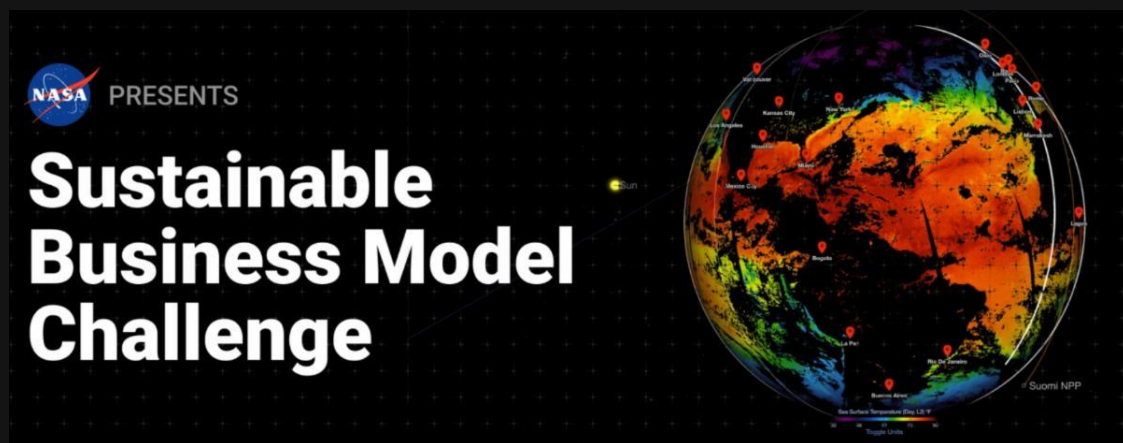


We want to celebrate two recent program awardee successes!

As part of their Phase II Sequential, Xiomax Three Band Thermal Infrared Detector (TBIRD) launched on an Aerostar high altitude balloon test on April 23, 2025. More information about the Xiomax technology can be found [here](#). Learn more about Phase II Sequentials and other Post Phase II Opportunities on our [website](#).

Additionally, NASA recently published [this story](#) about ICON, who is working on an SBIR-supported project called Olympus construction system, which is designed to use in-situ resources on the Moon and Mars as building materials.

## Additional Opportunities



**Sustainable Business Model Challenge** | Entrepreneurs, researchers, startups, and innovators are invited to apply for a brand-new opportunity—sponsored by the NASA SBIR/STTR program—to use NASA’s publicly available datasets to build business models that translate NASA’s Earth science data into actionable, revenue-generating applications. All proposals are due June 13, 2025. Information about guidelines, objectives, and the timeline are located [here](#).

**NASA Innovative Advanced Concepts (NIAC)** | NIAC funds innovative aerospace concepts that could enable and transform future missions. The 2026 solicitation will open in early June 2025, and a proposer’s virtual forum will be held in mid-June 2025. More information about the program can be found [here](#).

**Announcement of Collaboration Opportunity (ACO)** | NASA will release a new, refreshed proposal opportunity for industry to tap into agency know-how and expertise. The ACO, managed by the Space Technology Mission Directorate (STMD), enables valuable collaboration without financial exchanges between NASA and industry partners. Companies will leverage NASA subject matter experts, facilities, software, and hardware to accelerate their technologies and prepare them for future commercial and government use. Be sure to check [NSPIRES](#) and [NASA Techport](#) for the release of the standing ACO Announcement for Partnership Proposals, which will serve as the umbrella opportunity for topic-specific appendix releases.

## Digital Model & Animation Initiative - SBIR/STTR Companies Wanted

Does your team regularly use Digital Modeling/Model-Based Systems Engineering to develop and market your technology? The NASA SBIR/STTR program is developing new methods to help stimulate infusion and commercialization, with an emphasis on utilizing visual methods to convey the essence of awardee innovations! While we are interested in all awardee teams who have content to show off, the focus of this initiative is on NASA SBIR/STTR Phase II awardees in any technology areas with non-proprietary content that they are comfortable sharing with NASA, other government agencies, and industry.

If this applies to your firm, please e-mail Camilo Castillo at [camilo.e.castillo@nasa.gov](mailto:camilo.e.castillo@nasa.gov).

## Upcoming Program Dates

You can always find the latest solicitation, submission, and selection announcement information on our website's [Program Schedule](#). Here's a snapshot from today:

Opportunity	Open Date	Close Date	Selection Announcement
<a href="#">Post Phase II   2025 Phase II Sequential Submissions</a>	—	—	May/June 2025
<a href="#">Post Phase II   2025 CCRPP Submissions</a>	11/12/24	1/24/25	May/June 2025
<a href="#">Phase II   2024 NASA SBIR Phase II Solicitation</a>	12/19/24	2/14/25	5/14/25
<a href="#">Post Phase II   Phase II-E Submissions</a>	—	5/16/25	June 2025
<a href="#">Phase I   2025 NASA SBIR/STTR Phase I Solicitations</a>	1/7/25 (Reopened 5/19/25)	5/21/25	Summer 2025
<a href="#">SBIR Ignite   2024 NASA SBIR Ignite Phase II Solicitation</a>	—	5/27/25	Summer 2025
<a href="#">SBIR Ignite   2025 NASA SBIR Ignite Phase I Solicitation</a>	Early Summer 2025	Mid Summer 2025	Summer/Fall 2025

Additionally, we look forward to seeing many of you at the **2025 SBIR/STTR Spring Innovation Conference in Austin, TX from June 9-11!** We are scheduled to have representatives take part in a few different presentations and panels, as well as get the chance to talk one-on-one with you about all our ongoing and upcoming solicitations. You can find the full conference schedule [here](#).

Thank you for being a part of the NASA SBIR/STTR community!

NASA SBIR/STTR PROGRAM | [sbir.nasa.gov](https://sbir.nasa.gov)

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