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**NASA SmallSat LEARN Forum** • State-of-the-Art Small Spacecraft  
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## Opportunities to Engage

### NASA, US Air Force, & Space Force Help Universities Compete to Build Small Satellites

NASA, the US Air Force, and Space Force are working together on a brand-new collaboration to broaden access to space and strengthen the capabilities and knowledge of higher education institutions, faculty, and students. A solicitation for the University Nanosatellite Program (UNP) Mission Concepts Summer Series will be released in early January 2023.

[Read More](#)



#### About Mission Concepts - 1: 2023 Summer Series

A solicitation for the new University Nanosatellite Program (UNP) course, the Mission Concepts - 1: 2023 Summer Series, will be released in **EARLY JANUARY 2023**.

These hands-on engagements from **MAY to AUGUST 2023** will help universities elevate their efforts to build small satellites and enhance their potential to be selected for the full **Air Force Research Laboratory (AFRL) UNP** in 2024 and **NASA CubeSat Launch Initiative (CSLI)** in November 2023.

The Air Force, Space Force and NASA are collaborating on this new effort to broaden access to space and strengthen the capabilities and knowledge of higher education institutions, faculty, and students.

#### WHY PARTICIPATE?

- Funding level (up to \$70k) alleviates participation difficulty for teams.
- Faculty no longer required to deal with other funding sources.
- Up to 4 students get summer internship at AFRL.
- Allows faculty & students to form teams without draining university resources.
- Includes travel funding for kickoff, final event, and any in-person reviews.
- Now is the time to get ready for space opportunities in late 2023 & 2024!

#### WHO CAN APPLY

Teams at minority-serving institutions & HBCUs are strongly encouraged to apply. All colleges & universities should provide a robust DEIA component in their proposals. The program intends to select up to ten teams as funding allows.

#### HOW TO APPLY

Interested universities can submit proposals to be reviewed for educational impact, university program development & impact, DEIA support/alignment, and DoD and/or NASA relevance. More information about the solicitation will be available online in January at <https://universitynanosat.org/solicitation/>. The call for proposals will be **OPEN FOR FOUR WEEKS** with notifications planned during late **FEBRUARY 2023**.

Please contact [info@universitynanosat.org](mailto:info@universitynanosat.org) at Air Force Research Laboratory OR [norman.l.phelps@nasa.gov](mailto:norman.l.phelps@nasa.gov) & [joel.lunneze@nasa.gov](mailto:joel.lunneze@nasa.gov) at NASA with questions. We look forward to your submissions!



### Interested in Attending NASA's SmallSat LEARN Forum?

NASA's SmallSat LEARN Forum is a program aimed at providing the NASA SmallSat Community with collaboration resources. If you are affiliated with a NASA-funded SmallSat mission and are interested in participating, please connect with us.

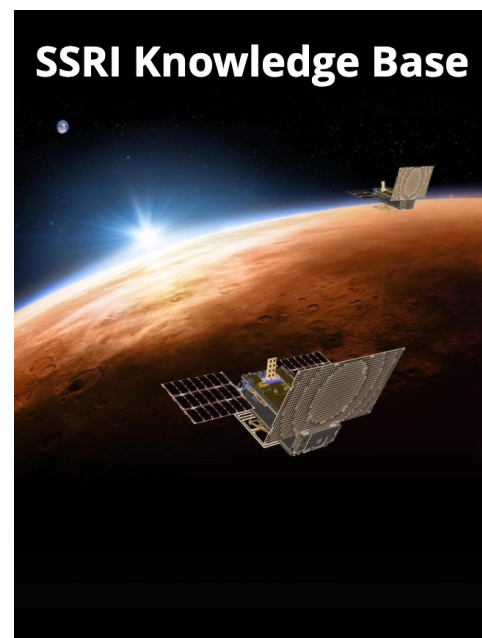
[For More Information](#)



## Coming Soon!

Keep watch for the latest release of the State-of-the-Art Small Spacecraft Technology report in early 2023!

[Access the Current Report](#)



## Trending Topics

NASA's Small Satellite Reliability Initiative Knowledge Base tool was first released in March 2021 and since then, page views for each topic page have been tracked via an analytical tool.

[Read More](#)

## Upcoming Events & Releases

- **Dec. 14:** [Community of Practice Webinar - Electric Propulsion Qualification Guidelines and Best Practices for NASA Small Spacecraft Missions](#)
- **Dec. 15:** [D3 - Astrophysics Research and Analysis Program - Proposals Due](#)
- **Jan. 9-11:** [Technology Showcase for Future NASA Planetary Science Missions](#)
- **Jan. 11:** [Community of Practice Webinar - E. coli AntiMicrobial Satellite \(EcAMSat\): Results and Lessons Learned from NASA's first 6U Biological CubeSat](#)
- **Jan 18:** [ROSES-2022: A.44 Commercial Smallsat Data Scientific Analysis Step-1 Proposals due](#)
- **Jan 25:** [NASA SmallSat LEARN Forum - Virtual Session](#)
- **Feb 7-9:** [SmallSat Symposium 2023](#)
- **Feb 21-23:** [Small Satellites and Services International Forum #SSSIF2023](#)
- **Mar. 8:** [Community of Practice Webinar - An Overview and Status of the CAPSTONE Mission](#)
- **Mar 23:** [ROSES-2022: A.44 Commercial Smallsat Data Scientific Analysis Step-2 Proposals due](#)
- **Early 2023:** [NASA Small Spacecraft Technology State of the Art Report release](#)

## Opportunities to Engage

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## Highlights and links to NASA centers engaged in small spacecraft activities

Image Credit: Spaceflight Inc.



## Launch Window

### NASA Launch Portal

Looking for a ride? NASA's Launch Portal is a resource to provide SmallSat/CubeSat developers an opportunity to find potential secondary launch opportunities on flights that are support upcoming NASA SmallSat/CubeSat missions.

### Recent NASA Launches

Wondering what NASA has launched lately? Visit our listing of recently launched and deployed small spacecraft. Each mission highlight offers information on launch date and vehicle, orbit, deployment status and mission description.

A quarterly brief by the Small Spacecraft Systems Virtual Institute

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