

Helping University & Students Get Ready for Space Opportunities – Inaugural Summer 2023 Program

- Alleviate high barrier to entry
 - Full satellite development is not easy
 - UNP/CSLI cycle(s) have aggressive schedule(s)
 - Improve university proposals

- Provide support for and strengthen readiness of universities, teams and faculty*
 - Prepare teams for UNP Nanosatellite Cycle
 - Prepare teams for NASA CSLI

- The next UNP Nanosatellite Cycle begins in 2024, now is the time to prepare!



**Participation in this program does not guarantee future selection for UNP programs or NASA CSLI.*



Advertisement/Proposals Received/Criteria



- UNP/NASA Mission Concept-1 Program advertised thru:
 - The Air Force University Nanosatellite Program (UNP) Solicitations Website
 - NASA MUREP Minority Serving Institution (MSI) Exchange
 - The NASA Small Spacecraft Virtual Institute
 - NASA Days at Texas Southern University
 - The NASA Space Grant Consortium
- Received 21 Universities Proposals reviewed by 28 different experienced Air Force/NASA/Contractor evaluators
- Selected universities based on the following criteria:
 - Educational impact
 - University program impact/development
 - Minority outreach/support
 - NASA/DoD relevance

UNP UNP Mission Concept Awardees / Summary



1. Florida Institute of Technology – Not a minority serving institution
2. University of the Virgin Islands – HBCU
3. University of South Florida – Not a minority serving institution
4. University of New Mexico – Minority Serving Institution – Hispanic Serving Institution (HSI)
5. Missouri University of Science and Technology – Not a minority serving institution
6. New Mexico State University – Minority Serving Institution – Hispanic Serving Institution (HSI)
7. Columbia University – Not a minority serving institution
8. Tarleton State University – Minority Serving Institution – Hispanic Serving Institution (HSI)

• Summary

- 1 HBCU, 3 HSIs, 4 Non
- First time that a HBCU has won a UNP competition
- 6 of the Universities are new to UNP (all but New Mexico State and Missouri S&T)
- 4 Universities are new to CSLI (Florida Tech, UVI, USF, and Tarleton)
- Kick-off Meeting – KSC Visitor Center, May 22-24, 2023
 - Students will spend a month (June) at Air Force's UNP facilities in Albuquerque, New Mexico
 - Final presentation at Albuquerque, followed by meeting at Small Sat Conference – Logan, Utah