



MITTIC

MUREP Innovation and Tech Transfer Idea Competition



NASA's Johnson Space Center On-Site Experience



NASA's Ames Research Center On-Site Experience



Teams forming now!

Fall Proposals: Aug 17-Oct 26; Spring Proposals: Jan 3-Mar 15

Have questions? Join us during our open office hours on Tuesdays and Thursdays from 3-4 p.m. CDT on [Microsoft Teams](#).

MITTIC is a Minority University Research and Education Project (MUREP) spinoff challenge established to develop new ideas for commercialization by seeking proposals from multi-disciplinary student teams enrolled at a [Minority Serving Institution \(MSI\)](#).



INSPIRE - ENGAGE - EDUCATE - EMPLOY



NASA MITTIC Competition Overview



Phase 1:

Teams composed of three to ten students must choose one [NASA Intellectual Property \(IP\)](#) and create a product or service utilizing the IP with commercial applications. Teams must then submit a proposal explaining the commercial viability of the idea or concept (see [proposal requirements](#)).

- a. Teams from MSIs that have been selected to complete in previous NASA MITTIC competitions, including Mini MITTIC, must have at least 50% **new** core team members, a new IP, and a new concept/idea.
- b. At least 60% core team members must be enrolled at a [Minority Serving Institution \(MSI\)](#).
- c. Teams are encouraged to be multi-disciplinary. Ex: Engineering, Business, Natural Science, Communications, Mathematics, Aviation, etc.
- d. The proposal will be reviewed and evaluated by a committee using the criteria listed within the challenge guidelines. Priority is given to teams partnering with a large or small business.



Phase 2:

Selected teams will attend a 3-day on-site immersion experience at NASA's Johnson Space Center (JSC) in Houston, Texas. Travel, food, and lodging for core team members and the primary Principal Investigator (PI) will be provided by NASA MITTIC. Each selected team is eligible to receive up to \$5,000; \$2500 of which will serve as a PI stipend upon successful completion of all team requirements, including attendance at all on-site experiences.

- a. The immersion experience will include facility walkthroughs, a poster session, networking activities with NASA employees and local partners, and a preliminary pitch review to assist the team in development of their final "lightning pitch" to be delivered on-site during the NASA MITTIC Space Tank competition.
- b. Selected teams will engage online prior to the on-site immersion experience.



Phase 3:

The winning team(s) of NASA MITTIC Space Tank for both fall and spring competitions will visit and present to NASA's Ames Research Center (ARC) executives and various tech companies in Silicon Valley, California, in May. This experience provides the team with an exclusive look at facilities, laboratories, and start-up companies; and it provides the opportunity to discuss further concept development. Travel, food, and lodging for core team members and the primary PI will be provided by NASA MITTIC. Each Space Tank winning team will also receive an additional \$10,000. To qualify, winning teams must fully participate in immersion experience events and submit all deliverables.



NASA MITTIC Eligibility Requirements

- All team members must be 18 or older and U.S. citizens.
- Each team must have three to ten members that are full-time undergraduate or graduate students enrolled in an accredited U.S. institution of higher learning (junior college, community college, college, or university) at the time the proposal is submitted.
- At least 60% of the team must be enrolled at a Minority Serving Institution (MSI).
- Each team is required to have a primary principal investigator (PI) who actively works for the proposing MSI. A principal investigator could be a previous or current professor, a dean or department chair, or another faculty member and/or administrator.
- Teams may choose to combine with another MSI or a non-MSI. The "core team institution" is the MSI of which the primary PI is employed, meaning when the monetary incentive is given, it is given to that PI and/or institution. The PIs will decide on if they choose to split funds with other institutions on their team after the award is received (MITTIC will not be part of this process).
- Institutions can submit multiple proposals; however, a PI cannot sponsor more than 3 teams. Teams must have different student members and a different IP. An entire class of students can form multiple teams.

NASA MITTIC Website: go.nasa.gov/NASAMITTIC

