

Large Space Mission Proposal Development

Call for interest and proposals

The Astraeus Space Institute at UF seeks to support team formation and proposal development efforts for UF PIs targeting large space mission proposals and projects. The primary goal is to best position UF-led teams to win grants to conceive, build and conduct large-scale space projects such as NASA Astrophysics Pioneers and Explorers, Planetary Sciences Discovery and New Frontiers, lunar or other landers, or similar missions costing \$10 million or more. While these missions are examples, any space related, larger mission concept will be considered.

PIs interested in developing such large teams and proposals are invited to submit 1-page white paper outlining their mission concept by July 26, 2024. The concept papers should include:

- PI name, department and college.
- The specific existing or anticipated proposal call, with links to agency information.
- Potential team members, including those from other institutions.
- A short description of the science driving the mission.
- A bulleted schedule of anticipated timeline for team and proposal development.
- A bulleted list of anticipated needs, items and rough order of magnitude (ROM) budget that would help bring a team together to form a strong concept and proposal. Proposals to generate preliminary data can be considered, but the main intent is organizing and codifying teaming efforts

Astraeus is very interested in creating a vision and action plan for UF leadership in large missions. All concepts will be considered.

After the 1-page concepts are reviewed, a workshop will be organized to more fully develop the action plans for the submitted concepts, with the goal of funding 2-4 concepts actively under development for the next few years through a follow-on grant proposal process.

