

Roman Project News

- **Coronagraph instrument passed its Critical Design Review!**
- **Completed engineering peer reviews of fine guidance system and WFI Prism**

A Note on Terminology

- **Roman science observations will consist of**
 - Three core community surveys to address Astro2010 science goals
 - High latitude wide area survey
 - High latitude time domain survey
 - Galactic bulge time domain survey
 - ~>25% of time devoted to General Astrophysics Surveys
 - 3 months of coronagraph observations in first 18 months of mission
- **During phase E, we will have several General Investigator calls for the science community to propose for:**
 - Funding to conduct science investigations on Roman data, and/or
 - Computing resources to conduct science investigations, and/or
 - A new general astrophysics survey (I,e, observations)

Goals

- **What are we trying to achieve**

- Ability for people to engage with Roman project/science teams independently of funding
 - Community science teams, RSIG, What else
- Regular funding opportunities for support to work independently of existing science teams on all aspects of Roman Science
 - Not everyone wants to be part of a collective
- Regular funding opportunities for support to work with existing science teams
- Longish term stable support of teams to allow development of software/pipelines etc
- Variety of award sizes and durations
 - Providing opportunities for regular and large awards may make it easier for new people to join the Roman community

- **Wide Field Instrument Science**

- This provides opportunities to work on a broad range of science preparation efforts, including simulations, science feasibility studies, supporting observations, analysis software development, activities related to mission performance verification, hosting or participating in data challenges, and science operations preparation.

- **Infrastructure Teams (KPTs)**

- This opportunity will provide funding to enable the significant scientific results in cosmology and exoplanet demographics that demonstrate *Roman* meets its mission success criteria.

- **Coronagraph Community Participation Program (CCPP)**

- This provides an opportunity for proposers to work with the coronagraph instrument team to plan and execute its technology demonstration observations.

Wide Field Science – some ideas

- **This provides opportunities to work on a broad range of science preparation efforts, including simulations, science feasibility studies, supporting observations, analysis software development, activities related to mission performance verification, hosting or participating in data challenges, and science operations preparation.**
 - Two different categories?
 - Regular (\$0-\$100k/year, ≤ 2 year duration), Large (\$0-\$300k, ≤ 4 year duration)
 - At least two opportunities prior to launch: 2022 (i.e. now) and 2024