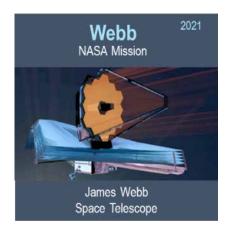


Astrophysics Missions in Development

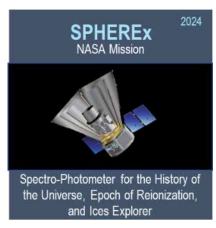




















Launch dates are current project working dates; Agency Baseline Commitment launch date could be later; impacts of COVID-19 not yet known

2021 Astrophysics Research Program Elements

ROSES-21:

Supporting Research and Technology

- Astrophysics Theory Program (ATP), every other year
- Astrophysics Research & Analysis (APRA)
- Strategic Astrophys Tech (SAT) (dependent on Astro2020)
- Roman Technology Fellowships (RTF)

Data Analysis

- Astrophysics Data Analysis (ADAP)
- GO/GI programs for Fermi, Swift, NuSTAR, TESS, NICER

Mission Science and Instrumentation

- Astrophysics Pioneers (smallsat science investigations)
- Suborbital payloads solicited through APRA
- XRISM Guest Scientist New
- Roman Research and Support Opportunities New

Cross Divisional

- Exoplanets Research Program (XRP)
- Citizen Science Seed Funding Program New
- Topical Workshops, Symposia and Conferences (TWSC)
- Graduate Student Research Awards (FINESST)

Not in ROSES-21:

Separately Solicited

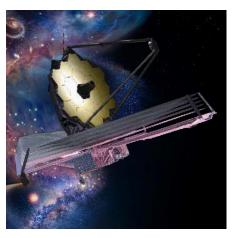
- GO/GI/Archive/Theory programs for Hubble, Chandra, SOFIA, Webb
- NASA Hubble Fellowship Program (NHFP)
- NASA Postdoctoral Program (NPP)
- Support for XMM-Newton U.S. Pls selected by ESA

Not Solicited this Year

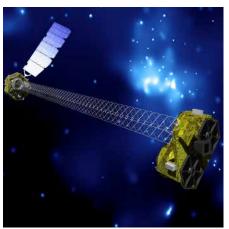
- Theoretical and Computational Astrophysics Networks (TCAN), every three years
- Astrophysics Explorers U.S. Pls (APEX USPI), every two to three years

Red – evaluated using dual-anonymous peer reviews

Astrophysics FY21 Appropriation









The FY 2021 NASA Budget Request included no funding (\$0) for the Roman Space Telescope and only close out funding (\$12M) for SOFIA

The FY 2021 Omnibus Appropriation Bill

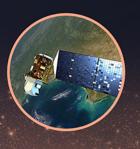
- Provides \$1.77B for Astrophysics (including the James Webb Space Telescope), \$525.2M more than the request
- Directs \$414.7M for Webb, same as the request
- Directs \$505.2M for Roman, \$505.2M more than the request
- Directs \$93.3M for Hubble, \$5M more than the request
- Directs \$85.2M for SOFIA, \$73.2M more than the request
- Directs \$10M for "search for life technology development"

The total funding provided is an increase of \$525.2M over the request













DART Land

Landsat 9

Webb

IXPE

2021 - A Year of Science







Peregrine



Nova-C



Lucy



GOES-T

- O LAUNCH
- **O** LANDING
- O DEPARTURE