

National Aeronautics and Space Administration

SUPPORTING U-M RESEARCH AND SCHOLARSHIP



\$27 MILLION

Research Supported by
NASA in FY21



365

Active Projects
Supported by NASA



247

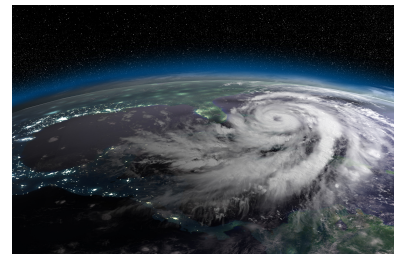
Faculty, Postdocs and
Grad Students Supported
Annually by NASA

The National Aeronautics and Space Administration partners with researchers across U-M to discover and expand knowledge for the benefit of humanity, while supporting innovation and technology development to advance our space exploration capabilities.



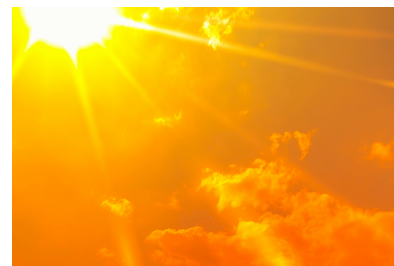
Hurricane-tracker Expands its Reach

Cyclone Global Navigation Satellite System (CYGNSS), a UM-led mission designed to improve hurricane forecasting has helped scientists solve problems beyond hurricane forecasting including imaging coastal flooding and providing soil moisture estimates that benefit agriculture and food production. NASA extended the CYGNSS mission through September 2023, a commitment of more than \$21 million, allowing researchers to realize even more benefits from CYGNSS' measurements.



Largest Radio Telescope in Space

U-M is leading a \$62.6 million NASA mission known as Sun Radio Interferometer Space Experiment (SunRISE), expected to launch in 2023. The mission will consist of six miniature satellites that form a "virtual telescope" in space to detect and study the radio waves that precede major solar events. SunRISE will provide scientists with better information on how storms affect interplanetary space and how to protect the spacecraft and astronauts who travel through.



Testing Advanced Space Engines on Earth

NASA funding supports engineers at U-M who are working to develop better ways to test advanced space engines that may one day be used to send astronauts to the moon, Mars and beyond. U-M co-directs the Joint Advanced Propulsion Institute (JANUS) which is working to advance electric propulsion technologies. U-M is a leader in the field of electric propulsion systems, which are extraordinarily efficient.



For more information about U-M research, visit research.umich.edu

