



*Benefiting government, industry and the public
through innovative science and technology*

SOUTHWEST RESEARCH INSTITUTE®

Advanced science. Applied technology.

Southwest Research Institute (SwRI®)

- Nonprofit
- Revenue from contracts
- Services Performed:
 - Advanced Science
 - Applied Research
 - Engineering Development
 - Testing & Evaluation
- Physical sciences
- Broad technological base
- Capital-intensive operation

SwRI Sites Worldwide



Operations and Assets

- Over 2,800 employees
- 6 km² facility (1,500 acres)
- Extensive laboratories
- \$673 million FY 2019 revenue
- Over 1,300 patents
- 45 *R&D 100* awards



Wide-Ranging Applications



*From Deep Sea
To Deep Space®
And Everything In Between*



ADVANCED SCIENCE. APPLIED TECHNOLOGY.

Space Science and Engineering



**Heliophysics
IMAGE, IBEX & MMS**



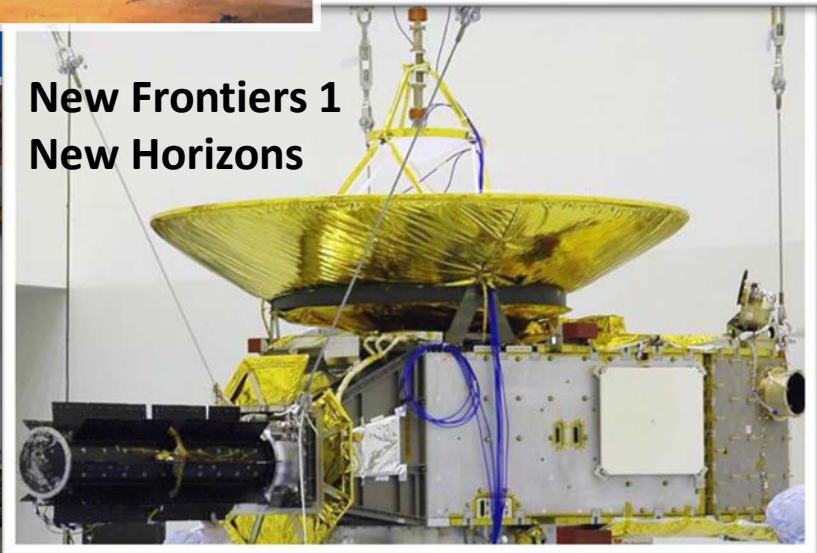
Earth Science - CYGNSS



**New Frontiers 2
Juno**



**Stratospheric Airship
HiSentinel**



**New Frontiers 1
New Horizons**

Recent NASA and ESA Science Missions

~\$150 million per year

Ongoing Missions

- New Horizons (Pluto & KBO's)
- Juno (Jupiter)
- MMS (Heliophysics)
- CYGNSS (Hurricanes)
- ESA Bepi-Colombo (Mercury)
- ESA Solar Orbiter

SwRI Role

PI & payload development
PI & payload development
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PM & 8 SmallSats
Strofio Mass spectrometer
Heavy Ion Sensor

Upcoming Launches

- CuSP (Heliophysics) 2021
- Lucy (Trojan asteroids) 2021
- ESA JUICE (Jupiter moons) 2022
- PUNCH (Heliophysics) 2023
- TRACERS (Heliophysics) 2023
- Europa Clipper (Europa) 2024

SwRI Role

PI & CubeSat
PI & payload development
UVS instrument
PM & 4 SmallSats
PM
UVS & MASPEX instruments

