

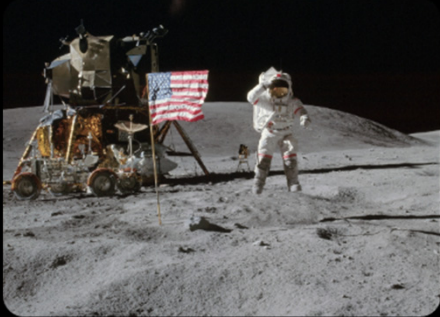
# NASA'S ASTROMATERIALS COLLECTIONS

housed at the NASA Johnson Space Center (JSC) in Houston, TX

The Astromaterials Research and Exploration Science Division at JSC is responsible for the curation of extraterrestrial samples from NASA's past, present and future sample return missions. These samples provide data that help scientists better understand the history and evolution of our Solar System. Our mission is to preserve, protect, and distribute samples for research by the present and future scientific community.

## LUNAR (1969)

382 kg of material collected during Apollo Missions;  
~10 g of material from Soviet Union Luna Missions



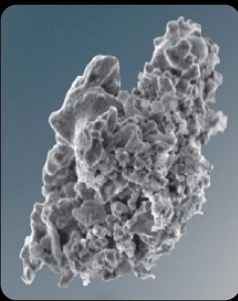
## ANTARCTIC METEORITES (1978)

>22,000 meteorites from asteroids, the Moon, Mars & Vesta



## COSMIC DUST (1981)

>1000 particles from comets and asteroids collected in the  
Earth's stratosphere



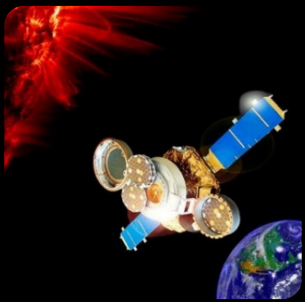
## MICROPARTICLE IMPACTS (1985)

~12 spacecraft components impacted by space  
debris and interplanetary dust



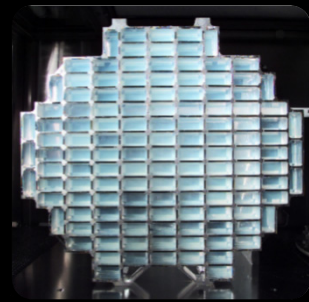
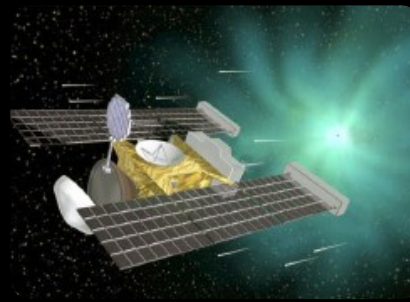
## GENESIS (2004)

Solar wind atoms collected in wafers at Earth-Sun  
L1 point



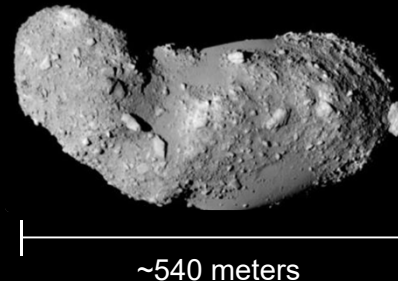
## STARDUST (2006)

Cometary dust (comet Wild 2) and interstellar dust  
particles collected in aerogel

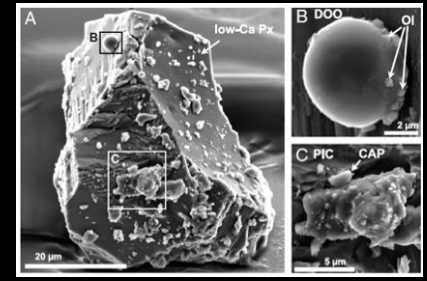


## HAYABUSA (2010)

Subset of regolith particles collected  
by the Japan Aerospace Exploration  
Agency (JAXA) from asteroid Itokawa



~540 meters



## HAYABUSA2 (2020)

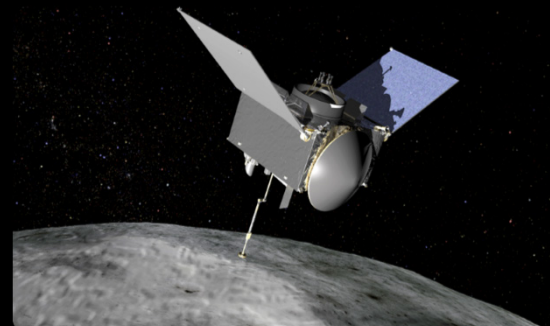
Subset of carbonaceous material collected by the Japan  
Aerospace Exploration Agency (JAXA) from asteroid Ryugu



~980 meters

## OSIRIS-REX (2023)

>60g of carbonaceous material collected from  
asteroid Bennu



~500 meters

**Future Collections...** Mars Sample Return and future sample return missions to other planets, moons, asteroids, and/or comets.

