

## BIOLOGIST

(COMET ONLY)

**JOB DESCRIPTION:** This team is responsible for experimenting with plants and insects that are protected from human contamination.

**JOB REQUIREMENTS:** Applicants must be good at basic math, have good hand/eye coordination and good observational skills. Position may involve robotic arm and glove box use.



CSA Astronaut Robert Thirsk  
Payload Specialist



NASA Dr. Sharmila Bhattacharya  
Chief Scientist for Astrobiology, Ames Center

## NAVIGATOR

**JOB DESCRIPTION:** This team is responsible for figuring out the exact location of the comet (COMET) or when and where to launch probes and where the spacecraft will land (MOON).

**JOB REQUIREMENTS:** Applicants must work quickly and carefully and have good communication skills. Needs to be good at entering data into tables and charts, must be good at math



NASA Astronaut Charles Hobaugh  
Pilot and Commander

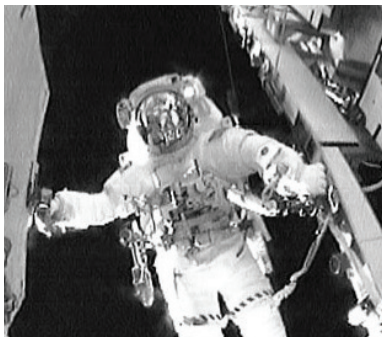


NASA Stardust Mission Flight Team

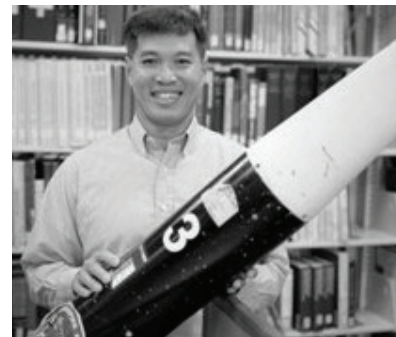
## AERONAUTICAL ENGINEER

**JOB DESCRIPTION:** This team is responsible for building the probe (COMET) or repairing the probe that will be relaunched by the crew to collect and send data back to Mission Control; assist in determining the landing site, and assembling the motherboard of the the lunar equipment module (MOON).

**JOB REQUIREMENTS:** Applicants must be good at assembling parts, have good communication skills, be able to work independently and be able to enter data into tables.



NASA Astronaut Chris Cassidy  
Flight Engineer



NASA Trong Bui  
Principal Investigator, Aerospike Rocket

## LIFE SUPPORT SPECIALIST

**JOB DESCRIPTION:** This team is responsible for making sure that the air and the water on the spacecraft are safe. They will also check the humidity, air pressure and solar filters.

**JOB REQUIREMENTS:** Applicants must be good problem solvers, be able to read gauges, and work well in stressful situations.



NASA Astronaut Dr. Laurel Clark  
Habitability Specialist



NASA Ginger Kerrick  
Lead Station Flight Director

# CHALLENGER LEARNING CENTER OF MAINE JOB DESCRIPTIONS: COMET/MOON MISSION

## SAM

**JOB DESCRIPTION:** The SOLAR ARRAY MONITORING team is responsible for monitoring micrometeoroid damage to the solar arrays on board the spacecraft.

**JOB REQUIREMENTS:** Applicants must be good at basic math and have good hand/eye coordination. May be instructed to use a robotic arm to protect the power supply in an emergency.



NASA Astronaut Joseph Tanner  
EVA Branch Chief



NASA Roshanak Hakimzadeh, Branch Chief  
Photovoltaics and Space Environment

## HAZMAT

**JOB DESCRIPTION:** This team is responsible for checking radiation levels on board the spacecraft and researching safe levels of radiation.

**JOB REQUIREMENTS:** Applicants must be good at basic math and have good hand/eye coordination. Will use a robotic arm.



NASA Astronaut Jeffrey Williams  
Science Officer



NASA Dr. Lisa Monaco  
Scientist for the Lab-on-a-Chip

## GEOLOGIST

(MOON ONLY)

**JOB DESCRIPTION:** This team is responsible for observing and analyzing regolith and rock samples, and helping to determine lunar landing site.

**JOB REQUIREMENTS:** Applicants must have strong math skills, and have good hand/eye coordination for glove box use.



NASA Astronaut Dr. Harrison Schmitt  
Apollo Mission Geologist



NASA Dr. Marilyn Lindstrom  
Meteor Scientist

## REPORTER

(NOTE: only for missions with 32+)

**JOB DESCRIPTION:** This team is responsible for interviewing and photographing all team members and recording important events that occur during the mission.

**JOB REQUIREMENTS:** Applicants must be good writers, have photography skills and access to a camera (not provided).



Private Citizen Astronaut Richard Garriott



NASA Administrator Charles Bolden

## COMMUNICATION SPECIALIST

**JOB DESCRIPTION:** This team is responsible for all verbal communication between Mission Control and the spacecraft.

**JOB REQUIREMENTS:** Applicants must be good readers, good oral communicators and able to handle stressful situations.



NASA Astronaut Stephen Oswald  
Spacecraft Communicator



CSA Chief Astronaut Julie Payette  
Lead Station CapCom

## SPACE METEOROLOGIST

**JOB DESCRIPTION:** This team is responsible for monitoring satellites that track solar flares and conducting an experiment about the Earth's magnetic field.

**JOB REQUIREMENTS:** Applicants must be good at entering data into tables and charts, and have an interest in researching solar storms.



NASA Cosmonaut Valery Korzun  
Pilot and Commander



NASA Lori Chappell  
Space Radiation Health Program

## ROBOTIC SPECIALIST

**JOB DESCRIPTION:** This team will check for chemical leaks on board the spacecraft.

**JOB REQUIREMENTS:** Applicants must have good hand/eye coordination and high frustration tolerance. Will use a robotic arm.



NASA Educator Astronaut Barbara Morgan  
Robotic Specialist



CSA Mathieu Caron  
Missions Operations Manager

## MEDICAL

**JOB DESCRIPTION:** This team is responsible for performing medical tests to check the health of the spacecraft crew. Tests include: breathing rate, skin temperature, blood pressure and heart rate.

**JOB REQUIREMENTS:** Applicants must be accurate at entering data into tables and



NASA Astronaut Dr. Scott Parazynski  
Physician, Flight Engineer



NASA Aquanaut Bill Todd  
NEEMO Director