



# Crossroads on the Journey to Moon and Mars

NASA Research Creates  
Framework for Integrated Studies

**The Goal:** Safe, effective human spaceflight –  
by enhancing creativity and accelerating discovery.

## What is CBS?

CBS is actually a combination of risks. Astronauts face many risks as they travel in the hazardous space environment. CBS can impact our:

- **C**entral Nervous System
- **B**ehavioral Performance
- **S**ensorimotor Function



EXPLORE MOON *to* MARS

Three teams within NASA's Human Research Program worked closely together to establish a new integrated framework for research. Scientists will explore the relationship between three risks collectively known as CBS, to make spaceflight safer for astronauts.



**C**entral Nervous  
System Risks



**B**ehavioral  
Performance Risks



**S**ensorimotor  
Risks

