



CENTER FOR
SPACE MEDICINE

Topics in Human Space Exploration and Medicine

An Elective Lecture Series Presented by the Center for Space Medicine

The Human in Space: Adaptation to Weightlessness

Michael R. Barratt, M.D.
Physician Astronaut
NASA Johnson Space Center

Learning Objectives:

- Know the basic physiological systems that alter in response to weightlessness and how they adapt over time
- Know the main sources of peer reviewed information available for space medicine

Exploration Medical Capabilities in Human Spaceflight

Erik Antonsen, M.D., Ph.D.
Element Scientist, Exploration Medical Capability
Human Research Program, NASA Johnson Space Center
Assistant Professor
Emergency Medicine and Space Medicine
Baylor College of Medicine

Learning Objectives:

- Understand an overview of NASA's current and future missions
- Describe three key challenges to providing medical care on interplanetary missions
- Understand how a Medical Systems Engineering approach helps enable crew autonomy in spaceflight

Thursday, October 12, 2017

12:00 – 2:00 p.m.

DeBakey Classroom M321