



CENTER FOR  
SPACE MEDICINE

## *Topics in Human Space Exploration and Medicine*

*An Elective Lecture Series Presented by the Center for Space Medicine*

### Neurologic Effects of Spaceflight

Jonathan B. Clark, M.D., M.P.H.

Associate Professor

Department of Neurology and Space Medicine

Baylor College of Medicine

#### Learning Objectives:

- Understand how the nervous system is affected by the space environment
- Recognize the specific neurologic syndromes associated with the various phases of spaceflight
- Identify how microgravity related effects on nervous system function may influence human performance

### Physiologic Issues of Mission to Mars

Peter Norsk, M. D., dr. med.

Senior Research Director

Center for Space Medicine

Baylor College of Medicine

Element Scientist, Human Research Program

NASA Johnson Space Center

#### Learning Objectives:

- Knowing the most important physiologic issues during deep space missions such as effects on vision and brain structure and function, nutrition, immune and cardiovascular effects, and finally the need for exercise and what type of exercise.
- NASA's research strategy for mitigating health risks of deep space missions.

Thursday, November 09, 2017

12:00 – 2:00 p.m.

Cullen Building – Room 301A