



CENTER FOR  
SPACE MEDICINE

## *Topics in Human Space Exploration and Medicine*

### **Assessing the Risk of Ionizing Radiation and Other Hazards of Exploration Class Space Missions**

Speaker:

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Thursday, October 20, 2016

12:10 – 1:00 p.m.

Kleberg Auditorium

Learning Objectives:

- Define the medical hazards of space exploration
- Develop an understanding of the level of risk from each hazard vs. those of the vehicle
- Discuss the mechanisms of cellular injury from ionizing radiation
- Discuss possible countermeasures for exploration mission biological concerns