

## *Topics in Human Space Exploration and Medicine*

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

### **NASA's Newest Human Spaceflight Risk: The Visual Impairment Intracranial Pressure Syndrome-Epidemiology and Pathophysiology**

Speaker: Christian A. Otto, M.D., M.MSc., BCM Clinical Assistant Professor  
Department of Medicine, Emergency Medicine, Senior Scientist, Division of Life Sciences, Universities Space Research Association, Lead Scientist, NASA Visual Impairment Intracranial Pressure Risk

Wednesday, November 4, 2015

12:10 – 1:00 p.m.

Kleberg Auditorium

#### **Learning Objectives:**

1. Describe the VIIP Syndrome in brief, and name the two primary precipitants of raised intracranial pressure in space.
2. Describe how cardiovascular risk and central venous pressure impact susceptibility to the VIIP Syndrome.
3. List three technology transfers to patients on Earth arising from investigation of the VIIP Syndrome.

