



## *Topics in Human Space Exploration and Medicine*

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

### **From the Coldest & Highest on Earth, to Deep Space: Advanced Medical Care in Exploration Environments**

Speaker: Christian A. Otto, M.D., C.C.F.P. (EM), BCM Clinical Assistant Professor  
Department of Medicine, Emergency Medicine and Senior Scientist, Division of  
Life Sciences, Universities Space Research Association

Wednesday, December 10, 2014

12:10 – 1:00 p.m.

McMillian Auditorium

Dr. Otto will highlight how remote medical care settings on Earth are shaping the development of advanced health technologies and clinical care capabilities for human spaceflight. Learn why ultrasound on Mt. Everest is aiding astronauts on the International Space Station, how remote duty medical care at the South Pole Station in Antarctica is influencing space medicine, and why remote telesurgery in the high arctic will help future crews on Mars.