



## Introduction to Human Space Exploration and Medicine

An Elective Lecture Series Presented by the Center for Space Medicine

### **Biomedical Effects of Space Flight – Operational Perspective**

Speaker: Leroy Chiao, Ph.D., Assistant Professor  
Department of Family & Community Medicine and Center for Space Medicine  
Baylor College of Medicine  
Chair of NSBRI User Panel and Former NASA Astronaut

Wednesday, March 6, 2013

12:10 – 1:00 p.m.

Michael E. DeBakey Building, Room M423

The space and microgravity environment presents unique biomedical challenges to astronauts and other biological systems. These issues are increased during long-duration spaceflight, and will become more important as missions beyond Low Earth Orbit (LEO) are contemplated. Dr. Chiao presents an overview of these problems, as well as current operational countermeasures and developments, against a backdrop of his spaceflight experiences.