



Topics in 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, Family and Community Medicine and Space Medicine

Chair of NSBRI User Panel and

Former NASA Astronaut

Wednesday, March 12, 2014

12:10 – 1:00 p.m.

McMillian Auditorium

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