



AGENDA

SECOND MEETING OF THE COMMITTEE TO REVIEW NASA'S EVIDENCE REPORTS ON HUMAN HEALTH RISKS

Keck Center of the National Academies
500 Fifth Street, NW
Washington, DC
June 22, 2015

OPEN SESSION: KECK 101

- 9:00 – 9:15 a.m.** **Welcome**
Carol Scott-Conner, Committee Chair
- 9:15 – 10:45 a.m.** **Panel 1: EVA and DCS**
- *Risk of Compromised EVA Performance and Crew Health Due to Inadequate EVA Suit Systems*
 - *Risk of Decompression Sickness*
- 9:15 – 10:15 Presentations
- EVA:
 - Michael Lopez-Alegria, MLA Space LLC (*via WebEx*)
 - Decompression Sickness
 - Neal Pollock, Duke University
- 10:15 – 10:45 Discussion with the Committee
- 10:45 – 11:00 a.m.** **BREAK**
- 11:00 – 12:30 p.m.** **Panel 2: Orthostatic, Aerobic, and Muscle**
- *Risk of Orthostatic Intolerance during Re-exposure to Gravity*
 - *Risk of Reduced Physical Performance Capabilities Due to Reduced Aerobic Capacity*
 - *Risk of Impaired Performance Due to Reduced Muscle Mass, Strength, and Endurance*
- 11:00 – 12:00 Presentations
- Aerobic:
 - Ben Levine, University of Texas, Southwestern (*via WebEx*)
 - Muscle:

- Bob Fitts, Marquette University
- Orthostatic Intolerance
 - Victor Convertino, U.S. Army Institute of Surgical Research (*via WebEx*)

12:00 – 12:30 Discussion with the Committee

12:30 – 1:15 p.m. Lunch - Keck Atrium

1:15 – 2:30 p.m. Panel 3: Food and Nutrition

- *Risk of Performance Decrement and Crew Illness due to an Inadequate Food System*
- *Nutrition – Risk Factor of Inadequate Nutrition*

1:15 – 2:15 Presentations

- Scott Montain and Betty Davis, U.S. Army (*via WebEx*)
- Alice Lichtenstein, Tufts University
- Nancy Turner, Texas A&M University (*via WebEx*)

2:15 – 2:30 Discussion with the Committee

2:30 – 2:45 p.m. BREAK

2:45 – 4:00 p.m. Discussion - Interactions of Risks

4:00 – 4:20 p.m. Public Comment

4:20 – 4:30 p.m. Closing Remarks
Dan Masys, Committee Vice Chair