

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Health and Medicine Division

Board on Health Sciences Policy

**2016 REVIEW OF NASA'S EVIDENCE REPORTS
ON HUMAN HEALTH RISKS**

WORKSHOP AGENDA

**Keck Center of the National Academies
500 Fifth Street, NW
Washington, DC
July 25-26, 2016**

MONDAY, JULY 25
Keck 101

OPEN SESSION: KECK 101

- 9:00 – 9:15 a.m.** **Welcome**
Carol Scott-Conner, Committee Chair
- 9:15 – 10:15 a.m.** **Panel 1: Risk of Radiation Carcinogenesis**
Facilitator: Tom Hei
- 9:15 – 9:45 Presentations
*Eleanor A. Blakely, Lawrence Berkeley National
Laboratory*
Michael Weil, Colorado State University
- 9:45 – 10:15 Discussion with the Committee
- 10:15 – 11:15 a.m.** **Panel 2: Risk of Acute Radiation Syndromes Due to Solar Particle Events**
Facilitator: Ron Turner
- 10:15 – 10:45 Presentations
Jackie Williams, University of Rochester
John Moulder, University of Milwaukee
- 10:45 – 11:15 Discussion with the Committee

- 11:15 – 12:15 p.m. Panel 3: Risk of Acute and Late Central Nervous System Effects from Radiation Exposure**
Facilitator: Susan Bloomfield
- 11:15 – 11:45 Presentations
Xiao Mao, Loma Linda University
Catherine Davis-Takacs, Johns Hopkins University
- 11:45 – 12:15 Discussion with the Committee
- 12:15 – 1:15 p.m. Lunch - Keck Atrium**
(Committee members and speakers have blue lunch tickets – please sign the ticket and turn it in to the cashier)
- 1:15 – 2:15 p.m. Panel 4: Risk of Cardiovascular Disease and Other Degenerative Tissue Effects from Radiation Exposure**
Facilitator: Susan Bailey
- 1:15 – 1:45 Presentations
Marjan Boerma, University of Arkansas (via WebEx)
Dennis Kucik, University of Alabama at Birmingham
- 1:45 – 2:15 Discussion with the Committee
- 2:15 – 3:15 p.m. Panel 5: Risk of Impaired Control of Spacecraft/Associated Systems and Decreased Mobility Due to Vestibular/Sensorimotor Alterations Associated with Space Flight**
Facilitators: Torin Clark and Bill Yates
- 2:15 – 2:45 Presentations
Scott Wood, Azusa Pacific University
Dan Merfeld, Harvard University
- 2:45 – 3:15 Discussion with the Committee
- 3:15 – 3:30 p.m. BREAK**
- 3:30 – 4:15 p.m. Discussion on Risk Interactions and Other Issues**
- 4:15 – 4:45 p.m. Public Comment**
- 4:45 – 5:00 p.m. Closing Remarks**
Dan Masys, Committee Vice Chair
- 5:00 p.m. Adjourn**

TUESDAY, JULY 26

OPEN SESSION: KECK 101

- 8:30 – 8:45 a.m.** **Welcome**
Carol Scott-Conner, Committee Chair
- 8:45 – 9:45 a.m.** **Panel 1: Risk of Performance Decrements and Adverse Health Outcomes Resulting from Sleep Loss, Circadian Desynchronization, and Work Overload**
Facilitator: Namni Goel
- 8:45 – 9:15 Presentations
Steven Hursh, Institutes for Behavioral Resources
Frank Scheer, Harvard Medical School
- 9:15 – 9:45 Discussion with the Committee
- 9:45 – 10:45 a.m.** **Panel 2: Risk of Performance and Behavioral Health Decrements Due to Inadequate Cooperation, Coordination, Communication, and Psychosocial Adaptation with a Team**
Facilitator: Jim Pawelczyk
- 9:45 – 10:15 Presentations
Steve Kozlowski, Michigan State University
Jack Stuster, Anacapa Sciences (via WebEx)
- 10:15 – 10:45 Discussion with the Committee
- 10:45 – 11:00 p.m.** **BREAK**
- 11:00 – 12 p.m.** **Panel 3: Risk of Adverse Cognitive or Behavioral Conditions and Psychiatric Disorders**
Facilitator: Murray Stein
- 11:00 – 11:30 Presentations
Charles Nemeroff, University of Miami
Marissa Shuffler, Clemson University (via WebEx)
- 11:30 – 12:00 Discussion with the Committee
- 12:00 – 12:30 p.m.** **Discussion on Risk Interactions and Other Issues**
Closing Remarks
- 12:30 p.m.** **Adjourn**