

**Plenary Talks**  
**NASA Human Research Program Investigators'**  
**Workshop**

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February 12-14, 2007 ▪ League City, Texas ▪ South Shore Harbour

To view the slides, click on the blue titles.

Plenary talk slides by date:

**Monday, February 11, 2007**

Exploration Architecture Overview  
NASA Constellation Program  
Dr. Neal Pellis

Human Research Program Annual Workshop  
Introduction  
Dr. Neal Pellis

Human Research Program Science Management:  
Overview of Research and Development Activities  
Dr. John Charles

Crew Health and Performance Risk Management  
Dr. Jeffrey R. Davis

Human Health and Countermeasures Programmatic Review  
Dr. Janice V. Meck

Role of NSBRI  
Dr. Jeffrey P. Sutton

**Tuesday, February 12, 2007**

Multidisciplinary Science for EVA

EVA Physiology, Systems, and Performance Project (EPSP)  
Overview

Dr. Michael Gernhardt

EPSP Integration with Life Sciences Research Areas and  
Institutions

Jennifer Jadwick

Lunar Architecture Study

Kent Joosten

Life Science Research Flight Director Perspectives

Andy Algate

Designing for EVA Applications

Glenn Lutz

Science Plenary

Optimizing Brain and Behavior in Space through Science and  
Technology

Dr. David Dinges

Dinner Banquet

Nano Tools for Space Medicine?

Dr. Mauro Ferrari

**Wednesday, February 14, 2007**

Research Acquisition Process  
Panel Discussion

Acquisition and Evaluation of Research and Technology  
Proposals  
Dr. John Charles

Breakout Session Reporting and Discussion

Questions for Discipline Teams to Discuss in Breakout  
Discussions

Responses from Discipline Teams

Behavior and Performance (Human Performance, Sleep, and  
Chronobiology and Neurobehavioral and Psychosocial Factors)

Bone

Cardiovascular and Exercise

Immunology and Microbiology

Muscle Alterations and Atrophy

Neurovestibular and Sensorimotor Adaptation

Nutrition

Smart Medical Systems and Technology Development

Space Human Factors Engineering and Habitability

Space Radiation