

Baylor  
College of  
Medicine

CENTER FOR  
SPACE MEDICINE

## *Topics in Human Space Exploration and Medicine*

*An Elective Lecture Series Presented by the Center for Space Medicine*

### **Issues of Behavioral Performance and Behavioral Health in Space – Detection is Key**

Speaker: David F. Dinges, M.S., M.A.(h), Ph.D.  
Professor and Director, Unit for Experimental Psychiatry  
Chief, Division of Sleep & Chronobiology  
Vice Chair, Faculty Affairs and Program Development  
Department of Psychiatry  
Perelman School of Medicine  
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Wednesday, October 16, 2013

12:10 – 1:00 p.m.

DeBakey Classroom M323

Learning Objective: Exploration of space requires increasingly prolonged periods of confinement, isolation, and exposure to health risks. Maintaining crew members' behavioral capabilities during exploration missions will require finding effective ways to predict, prevent, detect and intervene to counter both individual neurobehavioral deficits and problems of crew cohesion. This talk will review the relevant issues to ensuring humans can cope cognitively, emotionally and socially with the demands of prolonged space flight.