



NASA Human Health and Performance Center (NHHPC)

International Space Medicine Summit IV

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Exploring Space, Enhancing Life

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- Purpose – the NHHPC provides a collaborative forum to integrate all disciplines of the human system
- Scope
 - Suborbital, orbital and beyond LEO space flight
 - Aviation
 - Terrestrial human health and performance issues



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- **Benefits**
 - Facilitate collaborative projects between participants
 - Leverage resources for projects too large for any one participant
 - Collect, integrate, disseminate knowledge
 - Assess and promote innovative models for research and technology development
 - Open innovation approaches
 - Provide effective virtual and in-person workshops and conferences
- **Themes (just examples)**
 - Health
 - Performance
 - Environment
 - Commercial Space
 - Education

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- Potential members and participants
 - NASA centers
 - JSC, Ames, Glenn beginning to integrate
 - NASA programs
 - Human Research Program
 - Space flight agencies
 - Other government agencies
 - FAA Office of Commercial Space Transportation
 - NIH, NIST, NSF
 - Academia
 - NSBRI
 - UTMB
 - Industry
 - Commercial space flight



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- Administration

- Jointly sponsored by Space Operations and Exploration Systems Mission Directorates

- Team

- Director, JSC (Jeff Davis)
- Deputy Director, ARC (Carol Carroll)
- Executive Secretary
- Executive Council from members

- Location

- JSC



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- **Current activities**
 - Charter under review at ESMD and SOMD, approved by JSC, ARC and Chief Health and Medical Officer
 - Budget request for 2011
 - For administration, not a funding entity
 - Initial meeting for ISS utilization collaboration May 6 – JSC, ARC and GRC
 - Successfully integrated 3 proposals for ISS
 - Co-sponsored workshop with the FAA about the human system for commercial space operators
 - Life Sciences Academy at JSC
 - Initial operations planned September 2010