
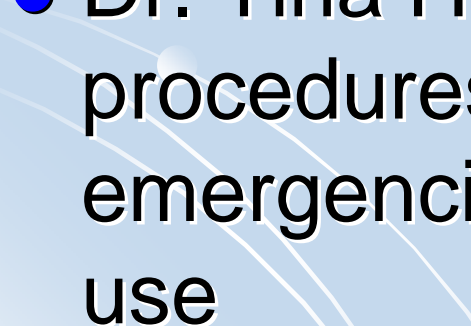


Space Human Factors: Research to Application



Barbara Woolford
Johnson Space Center
Houston, TX, USA

Overview

- NASA research focuses on results that are critical to successful spaceflight
 - Researchers work with engineers and crew to answer questions
 - Dr. Tina Holden describes making procedures and equipment for medical emergencies much faster and easier to use
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Overview, Contd.

- Dr. Edna Fiedler describes work from the National Space Biomedical Research Institute which is changing both flight operations rules and design of future spacecraft
- Dr. Rob McCann, who was unable to attend, described a special test that was requested by the Constellation Program to understand the effects of the Thrust Oscillation problem on crew performance. His work is presented by his co-investigator, Dr. Holden.

Overview, Contd.

- Laura Duvall, who was unable to travel, prepared information on feedback from flight crews to the researchers, that describes the crew debrief and lessons learned process. Ms. Woolford presents.
- Mario Ferrante of Thales Alenia Space describes a research activity in Human Error Avoidance Techniques and its application on Columbus.