



Employees' children can explore education programs at KSC

Going to Mars subject of FWP Working Group presentation

▲ **Education/Career Program planned for Take Our Children to Work Day July 24:** Has your child dreamed of making the dreams of a nation become the reality of tomorrow? Does your child have aspirations of being an instrumental part in making history and deciding the future of Space Exploration and the world we know? If you answered yes to any of these questions, then you and your child should explore the many education programs KSC has to offer that are aimed at "Inspiring the Next Generation of Explorers." From 1 to 3:30 p.m. in the Debus Conference Facility (KSC Visitor Complex), the NASA Education Office will provide information on the numerous opportunities available.

In the **ATLAS room:** 1 – 1:30 p.m. *Exploration Station Presentation.* 2 – 2:45 p.m. *Engineering Career Panel* (four NASA Engineers will discuss their very different Engineering disciplines and how they knew it was for them). 3 – 3:30 p.m. *Exploration Station.* (**Please note, space is limited for the Education Programs, so seating is strictly on a first-come, first-served basis.**)

Concurrently, in the **JUNO room:** An *education forum* with representatives of various NASA Education Student Programs (i.e., SHARP, Intern, Co-op, etc.) who will be available to explain the various programs and answer questions. There is no formal program associated with this event, so please come on in and take a look around!

In the **perimeter hall:** *FIRST* (For Inspiration and Recognition of Science and Technology) will be located just off the rotunda to answer questions and display their robot. This activity is open to badged children of KSC and CCAFS employees. Access to the Visitor Complex will require security checks – no backpacks, coolers, and sharp objects allowed.

▲ **Mars Exploration Presentation –** The Federal Women's Program Working Group is hosting a one-hour presentation on Mars Exploration to be given by Roy Johanson Jr. on Friday, July 18, at 1 p.m. in the KSC Training Auditorium. Johanson is the lead Ground/Airborne Support Equipment Systems engineer for the NASA KSC Expendable Launch Vehicle and Payload Carriers Program. The presentation will include a discussion of one of the proposed methods of going to Mars and a short animated film on the Mars Rover. All civil service and contractor personnel are invited to attend. For additional information, contact Kandy Warren at 867-7711.

◆ **STARS flight tests space-based tracking methods –** A more effective, economical tracking and communication technology took flight yesterday: Flight Demonstration 1 of Space-based Telemetry And Range Safety (STARS). The demonstration tests the capability to utilize existing space-based platforms such as the Tracking and Data Relay Satellite System (TDRSS) and Global Positioning System (GPS) to provide reliable communication, telemetry and tracking for Range Safety and Range Users. Range Safety support includes flight termination processing from both space and ground assets and vehicle tracking. Range User support includes high return-link data rates for voice, video and vehicle/payload data. STARS methods surpass existing ground-based systems for maintaining tracking and communication with space launch vehicles. The flight occurred at Dryden SFC but STARS work is done at KSC.

◆ **Did You Know?** Expedition 6 crew members Ken Bowersox and Don Pettit are currently scheduled to be at KSC Tuesday, July 22. Their presentation to employees will be held in the KSC Training Auditorium from 1- 2 p.m. Please plan on attending.