Agenda

• Why Do We Explore?
• Global Plan: Exploration Themes
• The Space Stakes are High
• NASA Leadership Principles and Expectations
• Ares I-X Flight Test
• Hubble Space Telescope Servicing Mission
• Lunar Crater Observation and Sensing Satellite Impact
• Revitalizing the Space Infrastructure Through Clear, Consistent, Compelling Communications
Why Do We Explore?

**Inspiration**
Inspire students to explore, learn, contribute to economic competitiveness, and build a better future.

**Innovation**
Provide opportunities to develop new technologies, new jobs, and new markets.

**Discovery**
Discover new information about ourselves, our world, and how to manage and protect it.

*Space exploration benefits life on Earth.*
Global Plan: Exploration Themes

- Human Civilization
- Exploration Preparation
- Economic Expansion
- Scientific Knowledge
- Global Partnerships
- Public Engagement

The space cadre comprises many nations from Planet Earth.
The Space Stakes are High

Surveys conducted annually point to similar conclusions about the general public’s perception of space.

How interested are you in space?

- Very Interested: 22
- Somewhat Interested: 19
- Not Too Interested: 15
- Not At All Interested: 44

How has space benefitted you?

- Satellites: Highest benefit
- Knowledge about the Universe: Second highest benefit
- New Technology (unspecified): Third highest benefit
- New Technology (other): Fourth highest benefit
- Computers: Fifth highest benefit
- Velcro: Sixth highest benefit
- Foods: Seventh highest benefit
- Cell Phones: Eighth highest benefit
- Plastics: Ninth benefit
- Knowledge about weather: Tenth benefit
- Microwaves: Eleventh benefit
- Medical Advances: Twelfth benefit
- Communications: Thirteenth benefit
- Clothes/Fabric: Fourteenth benefit
- Educating Young Scientists: Fifteenth benefit
- Other: Sixteenth benefit
- Entertainment/Pictures: Seventeenth benefit

Keeping space “sold” and expanding the sphere of influence are vital to sustainable exploration.
NASA Leadership Principles and Expectations

- Leaders set expectations for engagement in the new Age of Communication
- NASA Administrator Bolden and President Obama are role models for using space as a springboard to inspire students and innovate technologies that benefit life on Earth
- NASA employees are actively engaged in public education and outreach, using traditional tools and contemporary communication channels

“Leadership is the art of accomplishing more than the science of management says is possible.” — General (retired) Collin Powell
Ares I-X Flight Test

- Ares web traffic exceeded the 5,000,000 in 2009
- More than 1,500 new followers on Twitter due to Ares I-X launch
- More than 100,000 views of the Ares I-X blog in October alone
Hubble Space Telescope Servicing Mission

- Using the Space Shuttle to do a unique job
- 3-D movie planned for release in March 2010
- Major press and social media coverage

Proving the value of human space flight in the science realm.
**Lunar Crater Observation and Sensing Satellite Impact**

**Social Media Reaches New Heights**
- 5th most viewed “live stream” in the history of the internet
- Highest Web traffic during an event in the history of NASA.gov
- Real-time posts to the New Moon Missions blog captured more than 300,000 views to date

**Impact Events Targeted Education**
- Washington, DC event at Newseum was attended by more than 300 students and teachers
- Huntsville, AL event at Sci-Quest Hands-on Science Center was a slumber party for 70 students and teachers who watched the early-morning event

*LCROSS made its mark on the Moon ... and history.*
Revitalizing the Space Infrastructure
Through Clear, Consistent, Compelling Communications

• Robust space exploration must reflect the will of the people
• Leaders are responsible for the good stewardship of taxpayer investments
• Helping citizens understand the benefits and inspiring new generations of explorers are the responsibility of the entire space community
• Sharing the risks and rewards of space exploration is paramount to success

“Sustainable space exploration is a challenge that no one nation can do on its own.” Global Exploration Strategy