Exploration Enables Science

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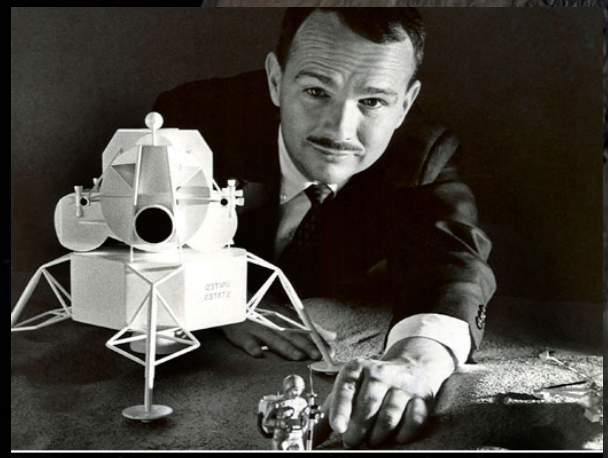
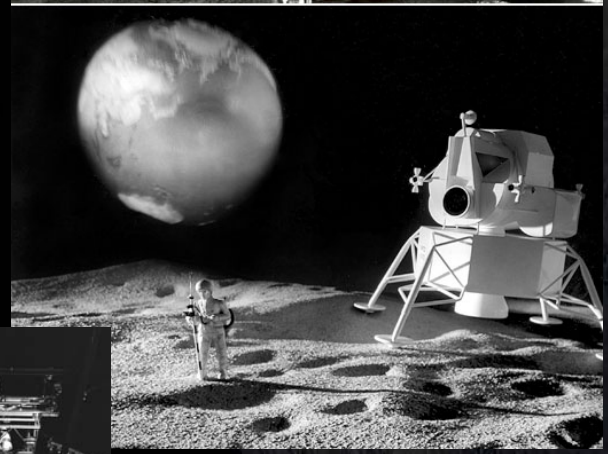
Legacy of Exploration Enabling Science

- One fourth of the Apollo funding was devoted to the last six scientific exploration missions to the Moon
  - Missions resulted in a profound increase in our understanding of the history of the terrestrial planets
  - Particularly the Earth, and of the environment in which it and life evolved.

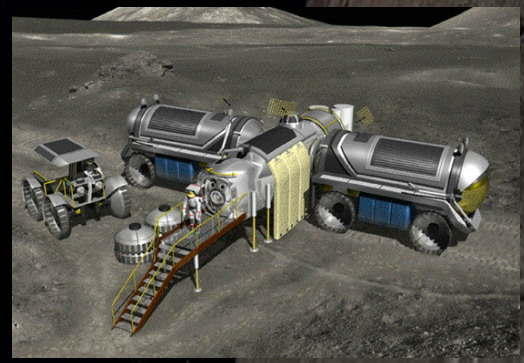
1965 Summer Conference on Lunar Exploration and Science

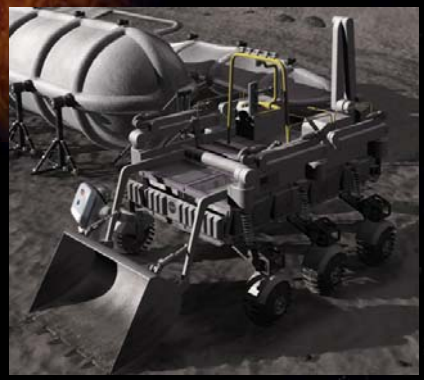


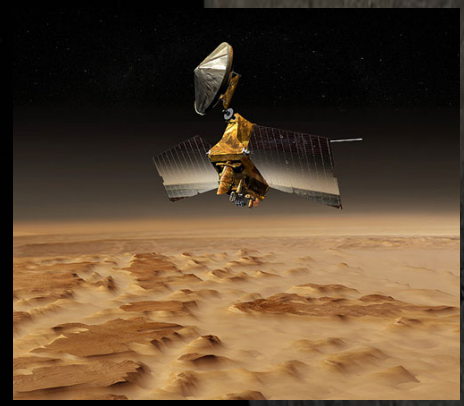


- Made over 100 recommendations regarding areas of lunar science that would be valuable to pursue
- Many of these recommendations could not be pursued during the limited 6 human landing missions of Apollo
  - Those that were accomplished uncovered many new questions

Moving Forward … … .







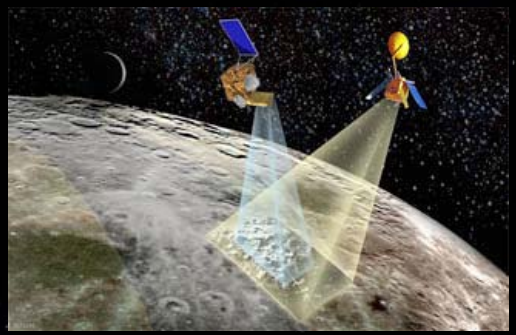
- Our concept of exploration is that it includes and enables science
- Must rethink planned programs of scientific activity in light of the opportunities to be made available through a newly vigorous program of human exploration
- That is exactly what our NASA Advisory Council is asking the community to do through this Lunar Science Workshop.

International Focus on Exploration

Shenzhou-VI spacecraft
(China)

Lunar Globe
(Russia)

We are focused on pursuing an International engagement Strategy that retains U.S. Leadership in exploration



Chandrayaan-1
(India)

Small Mission for Advanced Research & Technology 1
(Europe)

SELENE
(Japan)

NOT Science vs. Exploration … We Do BOTH