



The Lunar and Planetary Institute Presents  
**COSMIC EXPLORATIONS:  
A SPEAKER SERIES**

June 7, 2012

## MARS: DISCOVERIES AND INSIGHTS FROM 50 YEARS OF ROBOTIC EXPLORATION

Mars may hold enough water that, if liquid, would cover the planet in a one kilometer deep ocean. Geologic evidence suggests four billion years ago the Martian climate supported far more water than what is observed today. Did life evolve under these early conditions and could it survive today? What caused the Martian climate to change? Where has all the water gone? Dr. Stephen Clifford of the Lunar and Planetary Institute will outline how 50 years of robotic exploration of Mars has allowed us to ask these questions and to search for the answers.

This FREE presentation at 7:30 p.m. is intended for inquisitive adults and will be followed by a light reception and an opportunity to meet Dr. Clifford.

Speaker presentation held at  
USRA's Lunar and Planetary Institute  
3600 Bay Area Boulevard, Houston TX  
(entrance on Middlebrook Drive)

For more information, please call  
281-486-2163 or visit  
[www.lpi.usra.edu/education/lectures](http://www.lpi.usra.edu/education/lectures)