

Indiana University of Pennsylvania

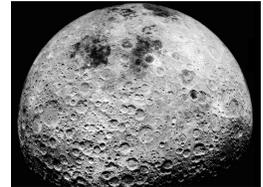
## 2012-2013 Planetarium Shows

**FREE AND OPEN TO PUBLIC**  
Weyandt Hall Planetarium, IUP campus

### Discoveries from the Moon

**Sat., Sept. 22, 2012**

What are the major new findings from recent lunar missions? What future missions are planned? Come see how the Moon moves in the sky, as well as images from the surface and from lunar orbit. (Lunar farside by Apollo 16)



### Curiosity on Mars

**Thurs. Nov. 1, 2012, 7:00 P.M.**

After a successful landing in August, the Mars Science Lab (Curiosity) is taking the closest look yet at Mars. What is it finding? Come find out! (Heat shield separating from Curiosity; NASA/JPL-Caltech)

### Planets way out there

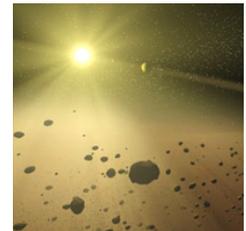
**Mon. Feb. 18, 2013, 7:00 P.M.**

Several hundred planets are now known to orbit other stars. How can they be detected? What sort of worlds are they? Learn how rare or common places like Earth may be.

### Impact! The late heavy bombardment

**Weds. April 17, 2013, 7:00 P.M.**

The Moon and other planets show numerous craters - scars of impacts by large objects. These were thought to date from the beginning of the solar system, but study of Apollo Moon rocks revealed a surprise. Find out what it was, and the strange implications for motions of planets. (Asteroids in a forming planetary system; NASA/JPL)



**Sponsored by the  
IUP Geoscience Department and the  
IUP College of Natural Science and Mathematics**

Shows are at the Indiana University of Pennsylvania planetarium, located on the first floor of Weyandt Hall. Weyandt Hall is on the east side of the Oak Grove next to Oakland Avenue. Weather permitting, after the show telescope observing of the night sky will be available. Seating is limited; doors will open 15 minutes before each show. Groups that wish to attend are asked to call in advance. For more information call 724-357-5626 or 724-357-2379.