

**From:** Isla Young <isla@MEDB.ORG>  
**Subject:** **Maui Teacher Workshop: NASA Return to the Moon & Smart Skies Teacher Workshop...space still available...**  
**Date:** September 24, 2009 1:36:54 PM HST  
**To:** hasta <HASTAB-L@HAWAII.EDU>  
▶ 3 Attachments, 145 KB

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September 24, 2009

FOR IMMEDIATE RELEASE

Openings still available for teachers to catch a different view of space

Maui teachers are invited to explore the moon and the stars during a fascinating NASA Access to Space educators' workshop offered by MEDB's Women in Technology on Saturday, October 10th.

Part of a week-long celebration of Aerospace in Hawaii, the Maui workshop features components from NASA's Return to the Moon classroom, as well as NASA's Smart Skies presentations.

The one-day session is being offered to Maui County teachers, grades 5-12, from 9 am to 5 pm at the MEDB Malcolm Training center located at the Maui Research and Technology Park in Kihei. Lunch is included.

Because space is limited and slots are going fast, interested teachers should sign up as soon as possible. To register, email [isla@medb.org](mailto:isla@medb.org) by October 5th, 2009.

The NASA Teachers Workshop is sponsored by MEDB's Women in Technology (WIT) Project, the Maui Institute for Astronomy (IFA) and DBEDT's Office of Aerospace.

The Women in Technology Project is a statewide initiative of the Maui Economic Development Board, funded in part by the U.S. Departments of Labor, Agriculture, and Education as a workforce development project.

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**NASA's Return to the Moon  
Formal Educator's Professional Development Workshop  
Agenda**

Time	Description	Moderator
9:00	Welcome and introductions	
9:15	Geologic history of the Moon & Moon rocks - formation of the Moon - early bombardment - volcanism	Hsu
10:00	Activity: Lava layering - using play-doh to make shield volcanoes	Hsu
10:20	Break	
10:30	Activity: identifying lunar surface features (LSIP) - identifying geologic features on the Moon using pictures	Hsu
11:15	Overview: NASA's Lunar Exploration Initiative - LRO - The future of lunar exploration & why we're going back	Peddie Mitchell
12:15	Lunch	
1:15	Activity: Exploring Ice in the Solar System - using flashlights w/ different colors to investigate icy places	Hsu
1:45	LCROSS Overview/Impact preview	Mitchell
2:15	Activity: Impacts! - learning how impacts shaped the surface of the Moon	Hsu
2:35	Activity: Mission Moon - investigating potential landing sites for resources	Hsu
2:05	Other Moon-related classroom resources	Hsu

5:05	Outer Moon related classroom resources	rsu
3:15	Get involved! – participatory exploration with the Moon	Hsu
3:30	Session wrap-up and evaluation	

## **Hawaii Aerospace Week 2009**

**Title:** NASA Smart Skies: Navigate Students Through  $D = R \cdot T$ .

**Description of Presentation:**

Explore distance-rate-time flight problems via an experiment, a graphing tool, and an air traffic control simulator. Use multiple representations to connect equations, their graphs, and real-world scenarios. All materials are standards-based and free online.

**Grade:** 5-9

**Objectives of Presentation:**

To engage teachers in exploring and solving real-world distance-rate-time problems in air traffic control using multiple representations including a hands-on experiment, an on-line graphing tool, an online simulator, and print-based instructional materials.

To enable teachers to apply linear equations, graphs, and proportional reasoning to identify and resolve air traffic conflicts.

To offer free access to standards-based classroom-tested mathematics materials from NASA.

**Speakers:**

Gregory Condon  
Miriam Landesman



[NASAworksh...oc \(55.0 KB\)](#)