

The Unknown Moon

June 24-28, 2013

*Presented by the NASA Lunar Science Institute
The Lunar and Planetary Institute and
the Johns Hopkins University Applied Physics Laboratory*

Who: High school teachers

What: A 35-hour, 5 day institute, investigating the Moon

Where: JHU Applied Physics Laboratory, Laurel, MD

The Institute will:

- Provide numerous hands-on standards-aligned classroom resources that allow you to bridge content from the Moon to the Earth and address the Next Generation Science Standards: (Jan 2013 draft: HS-ESS1-f, HS-ESS1-g, HS-ESS1-j; HS-ESS2a, HS-PS4-f) and a variety of Science and Engineering Practices
- Incorporate **authentic inquiry** experiences for your students
- Provide the opportunity to **interact with lunar scientists**
- Offer certification to bring **lunar samples into your classroom**
- Include **tours** of scientific research facilities

Topics include:

- Geology of the Moon
- Moon phases and eclipses
- Spectrometry
- Formation of the Moon
- The lunar polar environment
- Water at the lunar poles
- Formative assessment
- Student misconceptions

Institute registration is free, and includes lunches. Participants will receive a certificate for professional development hours. Numerous classroom resources will be provided.

For further information, go to
<http://www.lpi.usra.edu/education/workshops/unknownMoon>

Or contact:

Christine Shupla,
Lunar and Planetary Institute
3600 Bay Area Boulevard,
Houston, TX 77058
81-486-2135, shupla@lpi.usra.edu

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The Johns Hopkins University
APPLIED PHYSICS LABORATORY



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