

# HGS GUEST NIGHT – SATURDAY, JUNE 8, 2013

## HOUSTON MUSEUM OF NATURAL SCIENCE 6:00 P.M. – 10:00 P.M.

### CURIOSITY ON MARS: THE LATEST RESULTS FROM THE FIRST GREY ROCKS ON THE RED PLANET

Speaker:

**Dr. Dawn Sumner**  
co-investigator for NASA's  
Mars Science Laboratory  
team



The rover in the background is Curiosity's twin at JPL, used to test commands before sending them to the real rover.

**The Guest Night Program includes a Social Hour, Buffet Dinner and Featured Speaker Presentation:**  
**6:30 – 7:30 Cash Bar and Buffet Dinner – Tour the Museum Exhibits and Visit with Guests**  
**7:30 Move into Theater for Presentation of Awards and Speaker**  
**Short Intermission**  
**9:00 Movie (to be determined)**

Incredible opportunity for a fun and informative night out for you and your family!

Learn first-hand from Dr. Dawn Sumner, co-investigator for NASA's Mars Science Laboratory team, about the latest results from Curiosity on Mars!

Hope to see you at this rare event!

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### Upcoming HGS Events:

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**Saturday, June 8, 2013**

**HGS Guest Night at the Houston Museum Of Natural Science**

**Curiosity on Mars: The Latest Results from the First Grey Rocks on the Red Planet**

**Speaker: Dr. Dawn Sumner**

**Register for this event**

Dr. Dawn Sumner will speak at Guest Night on the most recent results from the Mars Science Laboratory Mission, a roving geochemist on Mars! Dr. Sumner is a key part of that mission as a science team member who is coordinating geological mapping and helping interpret depositional environments.

**Monday, June 10, 2013**

**HGS International Dinner**

**Red Sea Frontier: Embracing the Challenge (Saudi Arabia)**

**Speaker: Michael Zinger**

**Register for this event**

This presentation deals with Saudi Aramco's experience in one of the truly frontier areas of pre-salt exploration, the Red Sea. Nine wells were drilled back in the 1960's by international companies in shallow waters of the Saudi Arabian portion of the Red Sea that resulted in one discovery.

**Wednesday, June 12, 2013**

**HGS Environmental & Engineering**

**Evaluating Environmental Risk and Stigma**

**Speaker: Thomas O. Jackson, Ph.D.**

**Register for this event**

Decisions to proceed with real estate transactions are affected by the degree of risk vs. the potential reward for the investor and the lending entity. A variety of factors determine the amount of risk that a particular property may entail. Environmental risk is one of the major factors that determine whether a real estate deal proceeds or not.

**Saturday, June 22, 2013**

**HGS The 30th Annual Skeet Shoot!**

**Register for this event**

Greater Houston Gun Club and National Skeet Shooting Association safety rules will be in effect. Winning shooters will be determined by the Lewis class system. Door prizes will be awarded by blind drawing after the conclusion of shooting.

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### Other Local Events:

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**Thursday, June 13, 2013**

**The HAPL Energy Entrepreneurs Social**

**A gathering of Landmen, Geoscientists, Engineers, and Financiers**

**More information**

Make your move. Gather connections. Build your Team. Complete your project!

**Thursday, June 20, 2013**

**SIPES June Luncheon Meeting**

**Exploring for Tight Oil in the Pennsylvanian Cleveland Sandstone on the Nemaha Ridge Using High**

**Resolution 3D Seismic and Stratigraphic Analysis: A New Play in an Old Area**

**Speaker: Tony Lupo**

**More information**

Tight sands in the Upper Pennsylvanian Cleveland Formation are an active development target in the panhandles of Texas and Oklahoma. Since drilling started in the 1920's along the Nemaha Ridge of north central Oklahoma and

south central Kansas, the Cleveland has traditionally been viewed as a shallow 2,500'-3,000' depth, thin, tight-oil "teaser", or as a tertiary objective on the way down to other more economic objectives. By the integration of high-resolution 3D seismic data with detailed sequence stratigraphic analysis, thicker, productive Cleveland reservoir fairways can be identified and economically drilled on the Nemaha Ridge.

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### Other Events:

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**July 16-17, 2013. Baltimore, MD**

**AAPG North American GTW**

**Geomechanics and Reservoir Characterization of Shales and Carbonates**

**More information**

The goal of this intensive two-day workshop is to engage geologists, geophysicists, engineers, and geochemists in a lively, multi-disciplinary discussion of new findings, lessons learned, and emerging ("young") technologies related to shale play geomechanics and reservoir characterization as they relate to finding sweet spots, mapping fractures and fracture behavior, optimizing hydraulic fracturing, understanding fracturing fluid behavior, selecting proppants, as well as optimizing horizontal drilling and staged completions. The focus will be on established and emerging shale and carbonate plays of northeastern North America, including the Marcellus, Utica, New Albany, Lorraine, and others. Analogues from other regions will also be reviewed.

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HGS

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