

# THEMIS/ARTEMIS Education and Public Outreach Team Recent Results

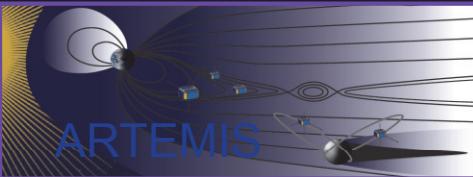
Dr. Laura Peticolas

([laura@ssl.berkeley.edu](mailto:laura@ssl.berkeley.edu))

and

Nancy Ali

([nancy.ali@ssl.berkeley.edu](mailto:nancy.ali@ssl.berkeley.edu))



## Heliophysics Educator Ambassador

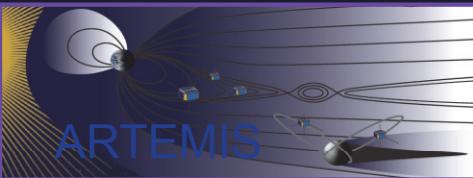


The THEMIS Education Program collaborated with several other NASA missions to present a 5-day Heliophysics Educator Ambassador workshop in Chicago, IL on July 18-22, 2011.

Twenty-two middle-school teachers representing 13 states participated in this 3<sup>rd</sup> annual workshop.



THEMIS and ARTEMIS were highlighted on the 2<sup>nd</sup> day of the workshop to coincide with the press release for the **orbital insertion of the second ARTEMIS satellite** around the Moon. Teachers participated in hands-on classroom activities developed by THEMIS and were given a detailed presentation on the THEMIS and ARTEMIS missions.



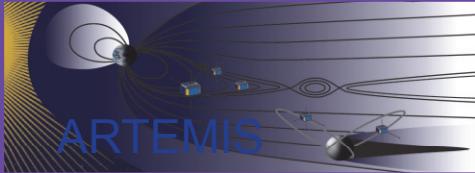
## Other E/PO Highlights



- ROSES supplemental collaborative proposal submitted based on parent awards from Dr. C.-P. Wang, Dr. J. Bortnik, Dr. P. Pritchett
- Website revision to include ARTEMIS;  
<http://cse.ssl.berkeley.edu/artemis>

- ARTEMIS Postcard – distributed at teacher workshops and outreach events, including the International Observe the Moon Night
- GEONS Teacher James Bean & Laura Peticolas presented an invited session at AGU 2011, “Magnetometer Data in the Classroom as a part of the NASA THEMIS Satellite Mission”

The screenshot shows the THEMIS website homepage. At the top, there's a banner with the text "TIME HISTORY OF EVENTS AND MACROSCALE INTERACTIONS DURING SUBSTORMS". Below the banner, there are several navigation links: "MISSION SCIENCE", "NEWS AND EVENTS", "EDUCATION & OUTREACH" (which is highlighted in red), "MULTIMEDIA GALLERY", and "ABOUT US". Under the "EDUCATION & OUTREACH" section, there are links for "Overview", "Classroom Lessons", and "EPO Program". On the right side of the page, there's a large image of a satellite in space. At the bottom of the page, there's a section titled "Successes to date include:" followed by a numbered list of achievements. The list includes items like "The HelioPhysics Educator Ambassador project", "The Geomagnetic Event Observation Network by Students (GEONS) project", and "Launch of a new Lawrence Hall of Science (LHS) Great Explorations in Math and Science (GEMS) site serving Nevada". There's also a note about meeting goals using five main projects.



## Upcoming Plans



- Continue to support HEA program through stipends for teachers and participation in reunion workshop in July 2012
- Distance Learning workshops for teachers @ magnetometer schools through monthly online tag-ups.
- Ongoing updates to THEMIS-ARTEMIS website providing content geared towards teachers
- Draw GEONS and DREAM students and teachers into Peticolas “Surfin’ the Solar Wind” project
- Distribute ARTEMIS postcard through E/PO networks
- Participate in outreach events such as Cal Day and UCLA Open House