



NASA's Mission to Planet Earth

A Course for Classroom and Pre-Service Teachers



Who: Pre-service and in-service classroom teachers in any subject area whom teach Grades 2nd – 8th.

What: A 10 day teacher institute

When: June 3rd – 13th, 2009

Where: University of Oklahoma

Why: The Oklahoma NASA Space Grant Consortium is sponsoring a summer institute for NASA's Space Science Mission Directorate. We call this **Mission to Planet Earth** (MTPE). Use the excitement of Aerospace Education to motivate students with a research-based, hands-on curriculum across all subject areas. *Enhance your teaching by aligning these motivational activities with the National Standards and the Oklahoma PASS.*



Special Events

--Experience Interactive Flight
In University-Owned Aircraft

--Field Excursion to the Omniplex
Air and Space Museum/Planetarium

--Field Excursion to Space Imaging
Tracking Station

Course Topics

- *Basic Principles of Flight
- *Classroom Application of Remote Sensing
- *Unmanned and Manned Satellites
- *Living and Working in Space
- *Hands-On Rocketry and Model Rocketry

Cost: Selected participants will receive NASA funding that covers the cost of: ten nights lodging, meals for eleven days, morning and afternoon refreshment breaks, handout materials, curriculum notebooks, "mini ground school", orientation flight in University owned aircraft, flight materials and logbook, and model rocket projects.

Also, we will be giving a \$250 stipend to all participants!!!



All applications will be reviewed on a competitive basis and are due no later than December 22nd. To receive an application, please contact Adam Gentis at 405.325.6559, or via email: adamoksg@ou.edu.

The University of Oklahoma is committed to making its activities accessible to persons with disabilities, language, or other special needs. Accommodations on the basis of disabilities are available by contacting Adam Gentis.