

THE INSPIRE PROJECT HOSTS EDUCATOR WORKSHOP

Teaching Science with an Enthusiastic Attitude

On 2 October 2009, The INSPIRE Project teamed up with the State Office of Career and Technical Education, Office of State Superintendent of Education (OSSE), DC Space Grant Consortium, and Gallaudet University to host Teaching Science with an

Enthusiastic Attitude Educator Workshop. The daylong workshop, hosted by Gallaudet University, was very attended and received by middle and high school educators and administrators from the Washington metropolitan area.



The underlying goals and objectives of the workshop were to explore strategies and techniques for explaining science concepts and teaching in fun motivating ways, help prepare students for postsecondary success in STEM areas. Participants received INSPIRE VLF (Very Low Frequency) Radio Receiver Kits to utilize in their classrooms giving students the opportunity for a hands-on science experience. Below is the program:

Partners:

Julia Martas, State Office of Career and Technical Education - Office of State Superintendent of Education (OSSE)

Dr. Henry Snyder, Acting Physics Department Chair, Gallaudet University
Eric Day, DC Space Grant Consortium

Teaching Strategies: What Do You Currently Enjoy About Teaching Science?

Kathleen Franzen, President, The INSPIRE Project

NASA's Radio Jove Project: Interactive Hands-On Observation and Analysis of Natural Radio Emissions of Jupiter, the Sun, and Our Galaxy

Dr. Leonard Garcia, Heliospheric Physics, NASA/Goddard Space Flight Center
Jay Friedlander, Senior Multimedia Specialist, NASA Goddard Space Science Visualization Studio

Space Science in the Classroom & Educational Outreach Programs

Dr. Lou Mayo, Planetary Scientist, NASA Goddard Space Flight Center

Preparing Students for Postsecondary Success in STEM Areas

Carolyn Ng, Co-Manager, NASA Sun-Earth Connection Education Forum Team & Earth and Space Education Specialist, NASA Goddard Space Flight Center

INSPIRE Pilot Course Overview: Chasing Lightning: Sferics, Tweeks and Whistlers & Very Low Frequency (VLF) Radio Receiver Overview

Paul Schou, Research Analyst/Teaching Assistant, University of Maryland, Baltimore County (UMBC)

South Pole Experience & Science Educational & Public Outreach

Dr. Robert Benson, Astrophysicist, NASA Goddard Space Flight Center

Space Camp for Educators Program Overview (Huntsville, AL) – Professional Development & Implementation Strategies

Ellen McLean, Physics, George C. Marshall High School
(INSPIRE 2009 Scholarship Recipient)

INSPIRE Space Camp Scholarship Opportunities

Kathleen Franzen, President, The INSPIRE Project



INSPIRE would like to thank all of the partners and guest lecturers for their very creative and motivating presentations and participation!