

Francis Clifford Phillips Lecture

Every year, the graduate students in the Department of Chemistry at the University of Pittsburgh select a chemist from one of the four areas of chemistry (inorganic, organic, physical and analytical) to present the **Francis Clifford Phillips Lecture**.

The 2009 speaker, from the area of analytical chemistry, is

Dr. Héctor D. Abruña, Cornell University.

Title: **“Perspectives in Electrical Energy Generation and Storage”**

Date: March 4 and 5, 2009

Time: 4 pm

Site: Chevron Science Center, room 12,
University of Pittsburgh.

The talk on March 4, 2009 titled **“Fuel Cells and Batteries in the Electrical Energy Landscape”** will present an overview of the national energy landscape and how fuel cells and batteries may contribute to meeting future national electrical energy needs.

A more technical seminar will be held on March 5, 2009 titled **“Materials Advances for Electrical Energy Generation and Storage: Fuel Cells, Lithium Ion Batteries and SuperCaps”** dealing with materials aspects related to electrical energy generation and storage as exemplified by fuel cells in the former and lithium ion batteries and super capacitors in the latter.