

COMMUNICATING & ANALYSIS OF STUDENT EXPERIENCES (CASE) IN THE Physical sciences

A Professional Development Workshop to help teachers create a classroom environment that:

* helps students formulate scientific questions to gain knowledge.
* engages students in activities designed to answer these questions.
* encourages students to develop explanations based on experimental evidence.
* fosters a culture of communicating and justifying explanations between students.
* extends the students’ experience to a socio-economic-political discussion.

Appropriate for Middle and High School

Physical Science, Physics and Chemistry teachers

**Each participant completing 50 hour program receives**

**5 PLU, $300 stipend**

*(80% support provided by the “No Child Left Behind” Title II Part A Higher Education Improving Teacher Quality Grants)*

### **Workshop Schedule**

9 am – 5 pm July 5—July 9, 2011 32 hours

9 am – 4 pm Friday, September 16, 2011 7 hours

9 am – 4 pm Saturday, September 17, 2011 7 hours

9 am – 1 pm Saturday, November 12, 2011 4 hours

TOTAL 50 hours

All sessions will be held at the University of West Georgia in Carrollton

Application deadline: Monday, May 2, 2011

### Dr. Sharmistha Basu-Dutt ([sbdutt@westga.edu](mailto:sbdutt@westga.edu))



### Dr. Gail Marshall ([gmarshal@westga.edu](mailto:gmarshal@westga.edu))

Consultant: Dr. Donald Wink, University of IL-Chicago

Evaluator: Dr. Cianan Russell, Georgia Institute of Technology

APPLICATION FORM

Communicating & Analysis of Student Experiences (CASE)

in the Physical Sciences

NAME

OTHERS FROM YOUR SCHOOL WHO MAY APPLY

SCHOOL SYTEM

SCHOOL NAME, ADDRESS and PHONE NUMBER

HOME ADDRESS and HOME/CELL PHONE NUMBER

# HOME/SCHOOL EMAIL CONTACT THAT YOU CHECK EVEN AFTER SCHOOL IS OUT.

## GRADE LEVEL and SUBJECT(S) TAUGHT

Questions about the workshop? Email [sbdutt@westga.edu](mailto:sbdutt@westga.edu) or [gmarshal@westga.edu](mailto:gmarshal@westga.edu)

Application Deadline: Application must be post-marked by **Monday, May 2, 2011.**

Return completed applications to: Dr. Sharmistha Basu-Dutt, Department of Chemistry, University of West Georgia, Carrollton, GA 30118