



Summer Institute for Teachers  
 June 8-16, 2009  
 Held on Texas A&M College Station

### Application

<b>PERSONAL INFORMATION</b>		
Full Name	Name of School	
Home Street Address	School Street Address	
Home City, State, Zip	School City, State, Zip	
Home Phone	Name of School Principal	
Email address	School Phone	
<b>BEST WAY TO CONTACT YOU</b>		
Choose the overall best contact method. If by phone, include the best times to reach you. <input type="checkbox"/> Phone <input type="checkbox"/> Email		
Preferred contacts <input type="checkbox"/> Home Phone <input type="checkbox"/> School Phone <input type="checkbox"/> Home Address <input type="checkbox"/> School Address		
<b>BACKGROUND INFORMATION</b>		
Years of Teaching Experience	Grade Level(s) you currently teach	
Courses Taught during 2007/2008 Academic Year		
Teaching Certificate Areas		
Undergraduate Institution		
Major	Degree	Year

Graduate Institution(s)												
Major	Degree	Year										
List of other science education professional development programs you have attended in last 3 years												
<p><b>CLASSROOM DESCRIPTIONS</b> – AS THIS IS A GRANT-FUNDED PROJECT, WE NEED TO COLLECT INFORMATION ABOUT TEACHERS’ PRACTICES. THIS IS BACKGROUND INFORMATION ONLY. PLEASE ANSWER OPENLY AND HONESTLY. YOUR RESPONSES WILL NOT BE USED IN THE SELECTION PROCESS.</p>												
<p>About how often do students in your science classes do the following? Base the answers on what students did in your science classes last year. (Please write number next to each item)</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center; width: 20%;">5</td> <td style="text-align: center; width: 20%;">4</td> <td style="text-align: center; width: 20%;">3</td> <td style="text-align: center; width: 20%;">2</td> <td style="text-align: center; width: 20%;">1</td> </tr> <tr> <td style="text-align: center;">all or almost all lessons</td> <td style="text-align: center;">often (e.g. once or twice a week)</td> <td style="text-align: center;">sometimes (once or twice a month)</td> <td style="text-align: center;">rarely (few times a year)</td> <td style="text-align: center;">never</td> </tr> </table> <p>___ Work with other students in small groups on science experiments or investigations</p> <p>___ Generate their own research questions and design their own investigations</p> <p>___ Follow specific instructions in an activity or investigation</p> <p>___ Engage in extended investigations or projects (more than a week in duration)</p> <p>___ Use computer-based activities to collect or analyze data</p> <p>___ Use the Internet to access resources or data</p> <p>___ Keep a science journal</p> <p>___ Record, represent (graph), and/or analyze data</p> <p>___ Talk with other students about their findings and the explanations of their findings</p>			5	4	3	2	1	all or almost all lessons	often (e.g. once or twice a week)	sometimes (once or twice a month)	rarely (few times a year)	never
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<p>Write a short description (about one paragraph) of an ideal high school science lesson in which the teacher uses inquiry and technology to teach a particular concept or idea in biology. What the teacher and students would do in such a class to assure that the expectations for learning would be met?</p>												

**TECHNOLOGY ACCESS** – A CENTRAL COMPONENT OF THIS PROGRAM INVOLVES ACCESSING THE INTERNET FOR SCIENCE COMMUNICATION AND MENTORING. IT IS ESSENTIAL THAT BOTH YOU AND YOUR STUDENTS HAVE READY ACCESS TO INTERNET-CONNECTED COMPUTERS.

How many internet-connected computers do you have in your classroom?

\_\_\_ PCs    \_\_\_ Macs    \_\_\_ Other

How many internet-connected computers per student are available in your computer lab or mobile computer cart?

\_\_\_ PCs    \_\_\_ Macs    \_\_\_ Other

If your students are likely to access computers in the computer lab, how often can your students use it?

Everyday     Several times a week     Once a week     A few times a month

What type of Internet connection do these computers have?

Dial-up modem     Cable modem     DSL     ISDN     T1 line     Not sure

**SCHOOL INFORMATION –PLEASE DESCRIBE YOUR CURRENT SCHOOL.**

Geographic location is

Rural     Urban     Suburban

Estimate the percentages of the student population at your school in the following categories:

\_\_\_\_\_ African American

\_\_\_\_\_ Asian

\_\_\_\_\_ Latino/Hispanic

\_\_\_\_\_ Native American

\_\_\_\_\_ Caucasian

Does your school have a policy regarding education research in the classroom?

**WHAT DO YOU HOPE TO GAIN FROM PARTICIPATING IN THIS INSTITUTE?**

Please describe what outcomes both for yourself and your students that you wish to achieve by participating in this summer institute.

Apply by **March 9, 2009** for guaranteed consideration.

Return completed form by mail, fax or email to:

4475 Castleman Ave., St. Louis, MO 63166 | 314-577-9515 (fax) | [chemingway@botany.org](mailto:chemingway@botany.org)