

2004 APPLICATION Introduction to Biotechnology Summer Institutes

Sponsored by the Institute of Agricultural and Environmental Research and the Institute for Understanding Biological Systems at Tennessee State University through a grant from the United States Department of Agriculture in partnership with the Tennessee State Department of Education

Check the dates you will be attending: June 14-18, 2004 June 21-25, 2004

Name: _____ Subject Taught _____

School: _____ District: _____

County: _____ Principal Name: _____

Currently teaching: Middle School High School

Where is your school located? Large city Inner city (within large city) Urbanized suburb (of large city)
 Rural suburb (of large city) Small town (not a suburb) Rural

School Information

_____ street address

_____ city, state, zip

phone: (w) _____ (fax) _____

email: _____

Home Information

_____ street address

_____ city, state, zip

phone: _____ (fax) _____

email: _____

To Register: Email Judy Butler at Judy@DragonflyEnterprises.org to indicate that you are submitting an application, then mail the application to:

Judy Butler
251 Cumberland Cir.
Nashville, TN 37214

Please take a few minutes to answer the following questions.

1. Does your teaching license include certification in science? Yes No

2. Is your endorsement in a vocational area? Yes No If Yes, please describe:

3. Please select the category that best describes your school:

- Low poverty (poverty level below 35%)
- Medium poverty (poverty level between 35-50%)
- High poverty (poverty level between 50-75%)
- Very high poverty (poverty level above 75%)

4. Please select the category that best describes your school:

- Under 35% underrepresented groups
- Between 35-50% underrepresented groups
- Between 50-75% underrepresented groups
- Above 75% underrepresented groups

Note: Information in questions 3 and 4 are needed for the funding agencies.

5. What courses do you currently teach or is your class self contained all subjects?

6. Briefly describe how you include biotechnology or molecular biology in your curriculum.

7. Briefly describe how your use electronic media (Internet and other media) to teach biotechnology or molecular biology in your classroom.

8. Rate your current level of use of the following in your classroom prior to the workshop:

	Rarely occurs in my classroom	Happens occasionally in my classroom	Often occurs in my classroom
1. Aligning your classroom curriculum to the state standards in molecular biology and/or agricultural biotechnology			
2. Using agricultural biotechnology techniques in my classroom			
3. Presenting agricultural biotechnology content			
4. Engaging students in scientific thinking and inquiry			
5. Providing my students with opportunities to extract DNA in labs			
6. Providing students with opportunities to discuss the issues related to agricultural biotechnology			

9. The amount of time in percent per week you have students engages in labs or hands on activities (choose the closest percent per week):

less than 20% between 20% and 40% between 40%-60% more than 60% of the time

Teachers must agree to participate in the evaluation component of this project, which includes the following: (1) pre- and post-summer institute surveys; (2) journal of reflections; (3) possible classroom visits by workshop staff; and (4) possible audiotape interviews by workshop staff.

I agree: _____
Applicant's Signature

Date