

**2008-2009 PROBLEM-BASED LEARNING FELLOWSHIP  
APPLICATION FOR STUDENTS**

## INSTRUCTIONS

1. The PBL Fellowship Application consists of:
  - **Part A: Signature Page**  
Complete and sign page 4 of this document. Graduate students need also obtain the signature of their faculty mentor (If mentor is unavailable, please contact Jordan Rose immediately at [jordan.rose@emory.edu](mailto:jordan.rose@emory.edu)).
  - **Part B: Written Statement**  
Write a 1-3 page, double-spaced, typed statement which illustrates:
    - i. why you are interested in this Fellowship and in working with the subject area and school you have selected
    - ii. how you are qualified for this Fellowship or how you will benefit from it
    - iii. one way you might use an active learning method to teach a specific concept to a high school class. Extra points for contextualizing your lesson in one of the three schools' themes.  
*(NOTE: prior experience is NOT required - if you have little experience, simply emphasize your interests and rationale for applying)*
  - **Part C: Online Survey**  
Complete this separately at the Center for Science Education Web site:  
<http://www.cse.emory.edu/fellows.cfm>
2. Assemble Parts A and B together with paper clips. Your application will be photocopied, so please **DO NOT USE STAPLES!**
3. Please fax or drop off Parts A and B to:  
*PBL Fellowship c/o Jordan Rose  
Center for Science Education  
Emory University (Mailstop: 2150-001-1AA)  
1399 Oxford Road  
Atlanta, GA 30322  
Fax: 404-727-9702*
4. Application materials must be received by the **deadline: May 26, 2008.**

*Questions? Contact Jordan Rose at [jordan.rose@emory.edu](mailto:jordan.rose@emory.edu) or 404-712-9242*

## **FREQUENTLY ASKED QUESTIONS**

### **What happens in the Fellowship program?**

If you are selected to participate as a PBL Fellow, you will become part of a team of Fellows working with high school teachers from the New Schools at Carver, an Atlanta Public School. You will be partnered with a teacher in one of three schools within Carver: School of The Arts, School of Technology, or the School of Health Sciences & Research. Each school teaches a college-prep curriculum covering traditional courses in science, math, language arts, history, etc., as well as some specialized courses related to the school's theme. Your task will be to use PBL to integrate the school's theme within and across its various courses. We call this PBL Across the Curriculum. You will be partnered up with a teacher to concentrate on curriculum development for his/her courses, but you will also be part of a school team to integrate lessons across disciplines.

As a team, you will attend a five-day Summer Institute to explore an active, inquiry-based teaching strategy called Problem-Based Learning (and its variants). Your team will spend time at the Institute and over the summer developing original problems and cases, and adapting existing materials for use in the high school classroom. You will assist in implementing these lessons in the classroom, spending an average of 5 hours/wk during the fall and spring. Together, your team will write up the lessons you have implemented for publication in our database, CASES Online (<http://www.cse.emory.edu/cases>), to share your work with educators around the world.

### **What am I required to do as a PBL Fellow?**

See responsibilities and activities listed on page 3. You are required to attend all events and complete all aspects of the program as described below.

### **In this partnership, what are the roles of the teacher and the student?**

The Teacher Fellow will serve as a mentor to the Student Fellows with regard to teaching, curriculum planning, and classroom management. The Student Fellow will provide content expertise and serve as an enthusiastic role model of a young scholar. It is important to note that the Student Fellow is neither a student-teacher nor a teaching assistant, instead we envision the team as co-teachers during PBL lessons. Specific details such as classroom discipline, should be discussed among the team before entering the classroom.

### **How will the PBL Fellowship benefit me?**

The Student Fellowship will provide you with an opportunity to develop and implement innovative lessons that engage students in real world problems across the disciplines. You will practice and improve your teaching, communication, questioning, mentoring, and research-dissemination skills. You will boost your confidence in explaining academic work, and in motivating others to think for themselves. You will have the opportunity to present your work at regional conferences, publish your cases online and in scholarly journals, and collaborate with colleagues to implementing this exciting pedagogy. You will become engaged with the community, and become a key component in the bridge we are building between Atlanta Public Schools and Emory University. In partnership with other students, faculty, and staff, you will join a cadre of dedicated educators who are transforming K-12, undergraduate, and graduate education.

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## **FELLOWSHIP RESPONSIBILITIES AND ACTIVITIES**

Overview:

- Attend PBL Across the Curriculum **Summer Institute**, June 23-27, 2008, 8:30-4:30.
- **Meet weekly** with your teacher partner throughout the summer to develop PBL lessons.
- During the school year, spend an average of **5 hrs/wk** on PBL activities, working with your teacher partner to plan, develop, implement, reflect on, and revise PBL lessons.
- Attend **Reflection Sessions** with the other Fellows and CSE staff every other week (a regular time will be coordinated to best fit everyone's schedules).
- Schedule at least one **site visit** each semester when CSE staff can observe PBL implementation in your classroom.
- Attend events listed below and additional program meetings as needed.
  - **Summer Institute**. , June 23-27, 2008, 8:30-4:30.
  - **Summer Planning Day**. July 28, 2008. 9am-4pm.
  - **Fall Planning Day**. October 2008 (exact date TBA)
  - **Spring Planning Day**. January 2009 (exact date TBA)
  - **Demo Day**. May, 2009. (exact date TBA)

Exact program dates TBA. Participants will be notified at the Summer Institute of all program dates.

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**PART A: SIGNATURE PAGE**

If accepted to the Emory College Center for Science Education Problem-Based Learning (PBL) Fellowship, I, (print name:) \_\_\_\_\_, intend to participate fully in agreement with the following terms:

1. Eligible applicants must be graduate or undergraduate students in good standing and enrolled at Emory University for the 2008-2009 academic year.
2. The PBL Fellowship commences on June 23, 2008, and terminates on May 31, 2009. All Fellows must attend our Summer Institute June 23-27, 2008.
3. The Fellowship awards a \$4000 stipend for complete and satisfactory participation. All Fellows will perform the responsibilities listed on page 4 of this document. Failure to participate in program activities or meet responsibilities may result in an adjustment of stipend at the discretion of program administrators.
4. Students will be offered PBL Fellowships based on the merit of their application and interview (if applicable).
5. This document is a non-binding agreement, meant only to assure awareness and acceptance of the terms of the PBL Fellowship.

\_\_\_\_\_  
Student Name

\_\_\_\_\_  
Graduate Program (if applicable)

\_\_\_\_\_  
Undergraduate Major/Minor

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

The table below shows which classrooms are available in each of the schools next year. Please indicate your top 3 choices for classrooms to work in, by numbering entering numbers in three open spaces (1 = your top choice; 2 = second choice; 3 = third choice).

	Arts	Technology	Health Sciences & Research
anatomy & physiology (also teaches algebra)			
biology			
drama			
history			
math			
special education (math, science, & english)			
visual arts			

**Graduate applicants must obtain the signature of their faculty mentor in the space below.**

**INSTRUCTIONS TO FACULTY MENTOR:** Signing below indicates your consent to the above named student's participation in the PBL Fellowship, under the terms above and the responsibilities listed on page 4 of this document. Please review this information before signing.

\_\_\_\_\_  
*Faculty Advisor Signature*

\_\_\_\_\_  
*Date*