GK-12 Fellow and Partner Teacher Training Series

I. Brown orientation session
(A three day orientation session to be held in early June)

Day 1

- Welcome
- GK-12 program overview
- Fellow Presentations – A demonstration of how they might effectively present their own research to their chosen K-12 grade level.

Sessions

- Introduction to the Providence Public School System, the Science Education Timeline, and its Students
- Inquiry Based Science; Inquiry Constructs; Constructivism in Science Education

Day 2

- Developing Effective Partnerships
- Benefits and Challenges of Kits Based Science; Introduction to Science Notebooks
- Mapping Standards with the Science Curriculum

Day 3

- Structuring a High School Science Lesson
- Classroom Management at the High School Level
- Classroom Management at the Elementary Level
- Structuring a Grade 3-6 Mini-Lesson

II. “Methods of Science Teaching”

Fellows will be expected to prepare for and attend the “Methods of Science Teaching” course, which runs from mid-June through early August and is offered through the education department. Second year fellows do not need to attend classes that they have previously attended.

Topics include but are not limited to:

- Diversity
- Assessment I and II
- Professional Conduct
- Constructivism and Inquiry
- Cooperative Learning
- Socratic seminars and Questioning
- Getting to Know the Community
III. Planning Sessions with Teachers

In the two weeks prior to the first day of class (typically the last two weeks of August), each fellow will arrange to meet for a total of three work days at the assigned school with their partner teacher(s). At these meetings, the fellow/teachers should collaboratively define:

- A teacher fellow contract, which will detail the teacher and fellow goals and expectations, schedules, lesson plans, etc.

- The specific fellow schedule in the classroom, including one-hour long weekly planning meetings with their partner teacher(s).

- The content of fellow activities in the classroom. These should be tailored to the grade span expectations for science (http://www.ride.ri.gov/instruction/gle.aspx) in Rhode Island.
April 23, 2009

Student Name: Alexandra Witthoft

Fellowship Duration: June 1, 2009 – May 31, 2010

_____ Yes, I would like to participate as a fellow in the National Science Foundation Sponsored program “GK-12: Physical Processes in the Environment” at Brown University

_____ No, I will not be able to participate as a fellow in the National Science Foundation Sponsored program “GK-12: Physical Processes in the Environment” at Brown University

Signature ___________________________ Date ________________

Note: By signing this form, you are agreeing to the expectations detailed in the Fellow contract as a participant in the National Science Foundation Sponsored program “GK-12: Physical Processes in the Environment” at Brown University. This signature is binding unless you are released from the contract by the Brown GK-12 committee.