

PRISM GRADUATE FELLOWSHIP OVERVIEW

PRISM is a National Science Foundation Graduate Teaching Fellows in K-12 Education (NSF GK-12) program that awards fellowships to eligible graduate students. Each PRISM Graduate Fellow partners with a middle or high school teacher to develop and implement compelling, inquiry-based science lessons. This year, the program runs from June through December 2012. Fellows and teachers participate in a two-week Summer Institute on problem-based learning (PBL) and investigative case-based learning (ICBL) pedagogy. Together, each teacher-graduate student team spends the summer writing original problems and cases and planning for classroom implementation the following school year. Graduate Fellows spend approximately 12 hrs/wk during the fall semester participating in PRISM activities including case development and implementation, planning, evaluation, and reflective teaching practices. This time will include approximately 10 hrs/wk in the classroom. Days actually spent in the classroom will vary according to placement, and Fellows may not be in the classroom every week. Participation in PRISM requires a time commitment that typically fluctuates from week to week, but will average 12 hrs/wk, and include a two-week summer institute (June 18-29) and three planning days (one each in July, September, and January). More details below.

IMPORTANT APPLICATION DATES

Apr 2, 2012	Application Deadline
April 12-13	Group Interviews, Center for Science Education, 1399 Oxford Road
Apr 16, 2012	Award Notification
Apr 20, 2012	Deadline for Acceptance of Award

ELIGIBILITY

PRISM is open to doctoral candidates in the following programs and departments: Emory's Anthropology, Behavioral Sciences and Health Education, Biomedical Engineering, Biostatistics, Chemistry, Environmental Health Sciences, Epidemiology, all Graduate Division of Biological and Biomedical Sciences programs, Physics, and Psychology. Previous experience in K-12 classrooms is not required. Applicants must:

- be full-time students in good standing in their graduate program
- be U.S. citizens or permanent residents
- have permission of their mentor to participate

All Fellows are expected to devote themselves full time to their PRISM and research activities during the fellowship year and hence may not undertake other coursework or teaching opportunities, without approval from PRISM administrators. Emory Fellows who receive offers for other awards should contact the Graduate School and PRISM to determine whether the two awards may be held concurrently.

AWARD INFORMATION

For participation from June – December 2012 (plus one full day in January 2013), each PRISM Graduate Fellow will receive \$10,000 applied toward his/her annual stipend. Failure to participate in program activities or meet the responsibilities listed on pages 4 and 5 of this document may result in an adjustment of stipend or removal from the program at the discretion of program administrators.

FOR MORE INFORMATION

Visit our website at <http://www.prism.emory.edu>. For questions about PRISM or the application process, contact Jordan Rose at 404-712-9242 or jordan.rose@emory.edu

APPLICATION PROCEDURE

Part A: Online Survey

Complete the survey available at <http://www.prism.emory.edu/app/grad.cfm>

Part B: Student Materials

1. Emory Graduate School Fellowships Application Cover Sheet
2. Curriculum vitae
3. Written Statement - In a 2-5 page, double-spaced, typed statement, please address the following:
 - a. Why you are interested in the PRISM Fellowship, how you will benefit from participation in PRISM, and how PRISM will benefit from your participation.
 - b. Brief statement of any prior experience and interest in working with K-12 teachers or students. This could include volunteer work, tutoring, or other experience. (NOTE: prior experience is NOT required - if you have little experience, emphasize your interests and rationale for applying)
 - c. Preferred K-12 grade level and subject (e.g., high school chemistry, middle school physical science) to work with, and brief statement of science background (baccalaureate and post-baccalaureate coursework, research, or other experience) and teaching experience (if any) that might support your placement in one or more grade levels and subjects.
 - d. You've been invited to present a seminar on your current and future research to colleagues in a similar department at another university. What is the title and abstract for your talk?
 - e. You are fortunate to have stepped into an elevator with Oprah. She is looking particularly generous today. You have one minute to explain your research to her and convince her to support you. What do you say?
 - f. Describe one way you might use an active learning method to teach your research to the grade level and area chosen above. State which specific science concepts are relevant to your lesson.

*Assemble all Part B items together in a single PDF file and email it to Jordan Rose at jrose14@emory.edu. Name the file "YourlastnamePRISM12.pdf". Download the Cover Sheet and guidance on creating PDF files from the right-hand margin of http://www.gs.emory.edu/resources/financial.php?entity_id=18
You may also use the Woodruff Library or other office to scan and email the file as a PDF.*

Part C: Mentor Support Materials

1. Signed Cover Sheet
2. Letter of Support

Ask your faculty advisor / research mentor to complete these materials (Cover Sheet available at <http://www.prism.emory.edu/app/grad.cfm>) and submit them to Jordan Rose.

All application materials must be received by 5pm on **April 2, 2012**.

FELLOWSHIP RESPONSIBILITIES AND ACTIVITIES

Overview:

- Graduate Fellows should spend an average of **12 hrs/wk** on PRISM activities:
 - Spend approximately 10 hrs/wk planning, developing, and implementing problems and cases with K-12 teacher partner. During the school year, Graduate Fellows should spend *no more than 10 hrs/wk in the K-12 classroom*.
 - Spend approximately 2 hrs/wk for independent work, including readings, case preparation and research, completion of evaluation instruments and progress reports (see below).
- Meet weekly with your K-12 teacher partner (face-to-face or by phone).
- Develop, implement, and submit **Case Materials** for publication on our CASES Online website, which serves as a resource to educators in Georgia and across the world.
- Attend **Reflection Sessions** every other week with PRISM staff (a regular time will be coordinated to best fit everyone's schedules).
- Attend events listed below and additional program meetings as needed.
 - **Summer Institute**. June 18-29, 2012. 8:30am-4:30pm.
 - **Summer Planning Day**. July 27, 2012. 9am-4pm.
 - **Fall Planning Day**. September 2012. 9am-4pm.
 - **Demo Day**. January 2013. 9am-4pm.

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

**2012 PRISM GRADUATE FELLOWSHIP
APPLICATION INFORMATION**

Pre-Fellowship Events

- **School visits.** We will arrange for you to visit your teacher-partner's school.
- **Kickoff Picnic** (date TBA). This is a social event that occurs prior to the official commencement of the Fellowship. Payment will not begin until June 2012.

Summer Specifics:

- **Attend the Summer Institute** from 8:30am-4:30pm, Monday-Friday June 18-29, 2012. Some evening work is necessary (readings, team meetings, brief tasks).
- **Meet weekly** with K-12 teacher partner to continue case development and planning.
- Develop **Fall Implementation Plan** outlining when and how cases will be implemented.
- Attend **Summer Planning Day** (July 27, 2012) and submit current versions of case materials

Fall Specifics:

- Attend **Fall Planning Day** (September) and update Fall Implementation Plan
- Submit final versions of **case materials** (December)

Spring Specifics:

- Make **30-minute presentation** giving a brief overview of cases implemented, example of successful case including student products, and reflections on the PRISM experience to faculty, school administrators, next year's PRISM cohort, and guests at **Demo Day** (January)

What you can expect from PRISM:

- Meals, beverages, and/or snacks at PRISM meetings, as appropriate
- Support for classroom implementation of curricula, including additional facilitators, technical support, supplies, etc.
- Professional development in job application process, teaching philosophy development, etc.
- Feedback from PRISM staff on progress and materials.
- PRISM stipend distributed in equal monthly installments from June through December 2012.