

University of Houston STEP

Science Teaching Equity Project

2011-12 University of Houston Regional Science Collaborative

The 2011-12 UH Science Collaborative is a Science Teaching Equity Project (STEP) teacher training program for elementary science teachers and sponsored by the Texas Regional Collaboratives (TRC). During the summer of 2011 and 2011-12 school year 3rd-5th grade teachers of science will participate in approximately 120 hours of training in science content and instructional strategies. Below are some highlights of what teachers will receive by participating in program. This program does not require teachers to be out of their classrooms during the regular school day.

Program Benefits:

- 120 hours of professional development in science content and instructional strategies.
- Approximately \$1200 of science and technology materials for each teacher's classroom.
- An opportunity to earn a stipend for providing at least 24 hours of on-campus mentoring.
- 6 Hours of GT Credit
- A Flip Video Camera for all Participants
- Access to an online community and instructional resources

Program Activities:

- **Summer Science Institute:** A one week summer institute to be held during July 2011.
- **Content and Pedagogy Short Courses:** A set of three short courses covering science content and pedagogy topics and taught by program staff, UH faculty and master science teachers. Each short course will include three afterschool training sessions, reading assignments, online reflections, and application to teaching activities. Participants will select the short courses they want to attend from a menu of options.
- **TEAMS Peer Mentoring Program:** A series of planning-observation-debrief procedures following the Teachers Engaged in Authentic Mirroring Strategies (TEAMS) protocol that includes videotaping lessons and completing online reflections.
- **The UH Science Faculty Lecture Series:** Evening sessions held at Houston area museums and featuring University of Houston science faculty members.
- **A Science Content Field Experience:** A Saturday field experience focused on grade level appropriate science content.

Eligibility:

- Any 3rd-5th grade teacher of science is eligible to apply.
- Special selection consideration will be given to teachers with a high percentage of students whom are economically disadvantaged or from historically under-represented groups.

How to sign-up:

- Any teacher interested in participating in this program should complete this survey: <http://www.surveymonkey.com/s/Z3FYZ44> (link to activate during January 2011)

For more information please contact Andrew Kapral at Ajkapral@UH.edu or 713-743-4383.