Call for Applications - 2012-2013

City Science is a year-long partnership between UCSF scientist volunteers who have previous teaching experience with SEP and master elementary school teachers from SFUSD. At each elementary grade level (K-5th), one scientist is partnered with one teacher.

During the school year, the teacher-scientist teams pilot a minimum of eight investigative classroom science lessons using FOSS materials in the teachers’ classrooms. The teams work to customize their lessons and supplement the FOSS kits so that they can best meet students’ learning needs. The partners then draw on this experience to co-plan and co-teach a week-long Summer Institute for other elementary school teachers in SFUSD. During the Summer Institute, the scientist-teacher instructor team models exemplary practices in science teaching pedagogy integrated with adult level science content to help teachers understand the science underlying the content standards.

The goals of City Science include building teacher leadership, increasing the amount and improving the quality of elementary science teaching in SFUSD, while also developing scientists’ knowledge of and proficiency using active teaching techniques. City Science has proven to be a rewarding experience for all involved; teachers, scientists, and students. Both teachers and scientists have commented on how valuable it was for them to have the opportunity to share their expertise with one another.

City Science scientist volunteers will:

- Engage in a year-long partnership with an elementary (K-5) school teacher.
- With their teacher partner, develop and teach a minimum of 8 lessons in the K-5 classroom that are grounded in the California Science Content Standards and the FOSS curriculum.
- Attend the full day City Science Orientation (November 2012) and attend the full day City Science Institute Planning day (April 2013).
- Participate in the Teaching Workshop Series for Scientists (if you have not already done so). The Workshops are offered as a series of 3x3-hour sessions held on the Mission Bay campus. This year’s TW’s are going to be held:
  - Thursday mornings 8:45am-12pm on November 15, November 29 and December 13
  - Friday mornings 8:45am-12pm on November 16, November 30 and December 14.
- Conduct team planning meetings prior to classroom lessons and debriefing meetings after classroom lessons. Develop a resource materials list for your grade level unit.
- Plan and co-teach your grade level Summer Institute (June 10-14, 2013) Monday-Friday, 8:00am-4:30pm.

For this commitment, scientists will receive $2000.

Questions? Contact: Lakisha Witzel: 415-476-0337, Lakisha.Witzel@ucsf.edu or Jennifer Kaelin: 415-476-6937, Jennifer.Kaelin@ucsf.edu

Application deadline is Tuesday, July 31, 2012

Please complete the attached application and email, mail or fax to:
Lakisha.Witzel@ucsf.edu or Jennifer.Kaelin@ucsf.edu, Campus Mailbox 0905, Fax: 502-4846