

National Santa Clara Provides Summer Fellowships for Bay Area Teachers



National's team of volunteers help educators benefit from the Industry Initiatives for Science and Math Education partnership.

Aug. 2, 2007 - San Francisco Bay Area educators are benefiting from a unique experience at National this summer. National Santa Clara has a strong partnership with Industry Initiatives for Science and Math Education (IISME), and together we are working to improve math and science education in the Bay Area. Partnering with IISME, National has provided 53 Summer Fellowships for local teachers since 2000.

Founded in 1985, IISME seeks to transform teaching and learning in the Bay Area by partnering with companies to provide teachers with useful experiences and tools that they can bring back to their classrooms. For the past 23 years, companies like National have hosted 2,375 Fellowships --reaching 1.6 million Bay

Area students over the years. This year, National is sponsoring six IISME teachers. Each teacher is paired with a National employee, who serves as an advisor and mentor. This summer, IISME Fellows are working in a number of areas, on projects ranging from survey analysis, e-learning tool development, Web design, documentation, special events and instructional design.

Archana Madadi, National's IS Global Program Manager, has been a keen supporter of the IISME program for the past four years. For two continuous summers, Archana had the opportunity to be an IISME mentor for David Cross, a 7th and 8th grade History and Technology teacher at the Charter School of Morgan Hill.

Archana's focus for FY08 was to provide a self-help service for users on the tools and systems used for designing and maintaining websites on the intranet. To meet this goal, David and Archana offered training sessions to Santa Clara employees in Serena Collage and Microsoft FrontPage.

In addition to classroom training, David is also working on creating an eLearning module that will be available to employees after he finishes his summer program. David

says his time at National has been well spent. "I feel like the skills I had when I arrived here have grown dramatically because I am using them in many different situations," he said. Archana adds, "David's eagerness to learn and to take on any challenge given to him is quite remarkable. A



Archana Madadi mentored 7th and 8th grade History and Technology teacher, David Cross on tools and systems for designing and maintaining websites.

dedicated and pro-active team player, he always makes himself available to the user community for any help and guidance needed for their websites.”

Another fellow leaving National with more knowledge about Corporate industry and more enthusiasm for teaching students the skills they need to succeed in the workforce is Amanda Checchio. An elementary school teacher in Cupertino, Calif., Amanda has really enjoyed her fellowship within the Human Resource Global Staffing Department. As a Web designer she says, “I was able to enhance the Human Resources internal department website, while also creating a classroom website to support student and parent interaction in learning. I cannot wait to share what I have learned and prepared with my students this coming fall.” Her mentor, Missy Norquist and the partnering staff, was extremely supportive throughout the entire summer. Amanda adds, “It's difficult for me as a teacher of six years to adapt to a cubicle environment, but everyone was friendly and collaborative. Some teachers might say I gave up a relaxing summer, but I know I gained a wonderful experience and acquired indispensable skills that will benefit me, as well as my students. Thank you National Semiconductor.”

By the end of the summer, the Fellows will have created new lessons, curriculum, materials and teaching strategies to engage their students. Jennifer Bruckner, IISME's Executive Director notes, “We consistently receive very positive feedback from IISME teachers and sponsors alike -- this unique professional development experience helps teachers to better understand the world they are preparing their students for and helps them inspire more students to pursue careers in science, math and technology.”

Anyone interested in learning more about IISME's Summer Fellowship Program should contact Fang Truong at 408-721-5455 or email fang.truong@nsc.com or visit the [IISME website](#).