



## Introduction to Nanoscale Science Workshop for High School Teachers

**Get up to speed on the latest scientific developments and use them in your classroom!**

The NanoSense project (<http://nanosense.org>) is pleased to announce an opportunity for high school science teachers to work with research scientists at SRI International and San Jose State University in a 1-day workshop on nanoscale science on Saturday November 3, 2007, at Castilleja School in Palo Alto, California. Learn about the unique phenomena at the nanoscale (1-100 nanometers) and participate in hands-on activities for introducing students to nanoscale science. The workshop will provide an introduction to size and scale, unusual properties of the nanoscale, and example applications of nanoscience (see schedule at right). We'll also share alignment charts that map NanoSense materials to topics in your regular high school curriculum.

The workshop is most appropriate for high school chemistry, physics, and environmental science teachers. Biology teachers are also welcome, but may want to attend just the morning session. Participants who attend the full day will receive a certificate of completion and an honorarium of \$60. Biology teachers who attend the morning only will receive an honorarium of \$30. All participants will also be given materials to take back to their classroom, and are encouraged to give feedback and input on the materials.

**APPLICATION DEADLINE: OCTOBER 19, 2007.** Limited to 20 high-school science teachers. To apply, send an email with your name, home address, high school, and subject area to **Ann Baldwin at [abaldwin@jupiter.sjsu.edu](mailto:abaldwin@jupiter.sjsu.edu)**. Teams from the same school or subject matter are encouraged to come!

### WORKSHOP LOCATION:

Castilleja School  
Science Department  
Room 30  
1310 Bryant Street  
Palo Alto, CA

### WORKSHOP DATE:

Saturday November 3, 2007

### SCHEDULE:

**8:30** Arrival, check-in, continental breakfast  
**9:00** Welcome and overview  
**9:30** Introduction to Nanoscience from the Size Matters unit  
**10:30** Fine Filters unit overview  
**11:00** Lab activities: Unique properties at the nanoscale, Filtration  
**12:00** Lunch (provided) and Q&A  
**12:40** Clean Energy unit overview  
**1:00** Clear Sunscreen unit overview  
**1:30** Lab activities: Nano solar cells, UV Beads  
**2:30** Reflection and evaluation survey  
**3:00** Adjourn