



**SAN FRANCISCO BAY AREA
NANOTECHNOLOGY COUNCIL**

September 2007 Seminar

Subject: The Missing System of Nanoscale Education
Speaker: Dr. Nora Sabelli, Senior Science Advisor
Center for Technology in Learning, (CTL), SRI International

Date: Tuesday, September 18, 2007

Time: Registration & light lunch 11:30am. Presentation & Q/A 12:00 to 1pm

Location: National Semiconductor Bldg E-1 CMA Room. 2900 Semiconductor Drive, Santa Clara, CA
<http://www.google.com/search?hl=en&q=2900+Semiconductor+Drive.+santa+clara%2C+ca&btnG=Google+Search>

Cost: IEEE Members and Students \$5. Non-Members \$10

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Talk Abstract:

The nanoscience revolution brings together diverse areas of human endeavor including science, medicine, industry, and environmental management. It requires a commensurate response in the educational community to increase students' understanding of core concepts in the field. The presentation will discuss the results of a preliminary due-diligence study of nano-oriented course offerings at the community college / lower division undergraduate level to assess the availability and goals of course offerings. The results were combined with the results of three prior survey activities by the National Center for Learning and Teaching in Nanoscale Science and Engineering (NCLT), Boeing Corporation, and Foothill-DeAnza Community College District. The results suggest the nature of the missing pieces in nanoscale education for effective workforce education.

Speaker Biography:

Nora H. Sabelli is currently Senior Science Advisor at SRI's Center for Technology in Learning (CTL) where she is focusing on the Center's mission and strategies to improve education through innovation and inquiry.

Prior to joining SRI International in 2001, Dr. Sabelli was Senior Program Director for the National Science Foundation's (NSF) Directorate for Education and Human Resources, and worked on many NSF-wide and cross-agency initiatives related to education, technology and science, such as Learning and Intelligent Systems and Interagency Education Research Initiative. While at the NSF, Dr. Sabelli worked on education issues at the Office of Science and Technology Policy (OSTP), which serves as a source of scientific and technological analysis and judgment for the President with respect to major policies, plans, and programs of the Federal Government.

She holds a Ph.D. in Chemistry from the University of Buenos Aires, Argentina for research performed at the University of Chicago. Her research area is quantum chemistry.