

## ***Science and Engineering Council of SB: May Luncheon***

**Elephant Bar Restaurant, Thursday, May 8, 2008 - 12:00-1:30**

### **- THIS MONTH'S TOPIC -**

**The 53rd Annual Santa Barbara Science Fair – April 18, 2008  
AWARD WINNERS Present their winning projects**

### ***PRESENTERS***

A key goal of the Santa Barbara Science Fair is to stimulate students to take an active interest in the study of engineering and science by initiating and completing projects of their own choosing. The SEC and its members fully support this event, and are pleased to recognize the Science Fair winners:

*Introductory Remarks by Richard Schapker – Science and Engineering Council Science Fair Chairman*

**Prizes awarded by the Science & Engineering Council of Santa Barbara, Inc.**

Junior and Senior “Best of Fair” -- \$200 each project

**Scott Hempy** – San Marcos H.S. – Senior Physical Science –  
“Does Altitude Affect the Quantity of Cosmic Rays Detected in a Cloud Chamber?” (Michael McLaughlin)\*  
**Mackenzie Spencer** – Goleta Valley Jr H.S. – Junior Behavioral – “Spaced Out” (Kim Miller)

“Best of Division” -- \$100 each project

**Kenneth Pessino** – San Marcos H.S. – Senior Life Science –  
“A Preliminary Investigation into the Spatial and Temporal Patterns of Red Sea Urchins and Kelp Bass” (Olin Bausback)  
**Scott Hempy** – San Marcos H.S. – Senior Physical Science –  
“Does Altitude Affect the Quantity of Cosmic Rays Detected in a Cloud Chamber?” (Michael McLaughlin)  
**Mackenzie Spencer** – Goleta Valley Jr H.S. – Junior Behavioral – “Spaced Out” (Kim Miller)  
**Jamie Mayner & Alana Petteway** – La Colina Jr H.S. – Junior Biological – “A Twinkle in Your Eye” (David Marchetti)  
**Vy-Luan Huynh** – Goleta Valley Jr H.S. – Junior Environmental –  
“Effectively Using Iron and Phytoplankton to Sequester Carbon” (Kim Miller)  
**Nickolas Zurlinden** – Goleta Valley Jr H.S. – Junior Mechanical – “Stability of Rockets” (Brad Penkala)  
**Hannah Giorgi** – Goleta Valley Jr H.S. – Junior Microbiological –  
“Well Water: Ways to Eliminate Iron Bacteria Infestations” (Kim Miller)  
**Brian Pinner** – La Colina Jr H.S. – Junior Physical Science – “Magnets: Hot or Cold?” (Laura Wilson)

\*Names of Project Advisors in parentheses

### **- OTHER INFO -**

**\$14/SEC members, \$20/non-members.** Info: Barbara Keane (E-mail [scieng@silcom.com](mailto:scieng@silcom.com))  
or call (805) 684-4927. Reservations not required.

**Elephant Bar Restaurant:** 521 Firestone Road, off Hollister near airport administration in Goleta.  
**Visit our web page at <http://www.scieng.org>.**



**From the Co-Presidents:** Please join us at the May luncheon meeting to help foster the continuing tradition of strong support for our young scientists and engineers, and enjoy their very interesting Science Fair projects. This month we are also pleased to welcome **Deborah “Deb” Thiele** as a new Individual member. And, please note the **Dos Pueblos Engineering Academy (DPEA)** has kicked off its much-anticipated fund-raising campaign. The SEC Board will be making a contribution to this worthy cause, and we encourage you to consider a contribution to DPEA either directly or through the SEC. More information will follow on this important effort. See you May 8<sup>th</sup>! **Tim Murphy and Gary Kravetz**