

## Science and Engineering Council of Santa Barbara: April Luncheon

(Please note: The SEC accepts cash or check at the door. We're not equipped to process credit cards at present.)

Elephant Bar Restaurant, Thursday, April 14, 2011 - 12:00-1:30

### --- This Month's Topic ---

## The 56<sup>th</sup> Annual Santa Barbara Science Fair: Award winners present their winning project

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.

### --- Presenters ---

Introductory remarks by Richard Schapker, SEC Science Fair Chairman  
Prizes awarded by the Science and Engineering Council of Santa Barbara, Inc.

#### Junior and Senior "Best of Fair" - \$200 each project

#### Project Advisors

Elizabeth Garfinkle – Garden Street Academy, Senior Life Sciences Division, *Is It a New Species?*

Jessica Sanford

Ami Thakrar – La Colina Jr H.S., Junior Behavioral Division, *Picture This!*

Danielle Bean

#### "Best of Division" - \$100 each project

Elizabeth Garfinkle – Garden Street Academy, Senior Life Sciences Division, *Is It a New Species?*

Jessica Sanford

Michael Feldman – Dos Pueblos HS, Senior Physical Science Division, *Simulating Effects of Bond Vibrations on Heat Capacity of a Gas*

Barnaby Dillon

Ami Thakrar – La Colina JHS, Junior Behavioral Division, *Picture This!*

Danielle Bean

Mark Raphael – La Colina JHS., Jr Biological Division, *Leading Causes of Lung Cancer in Non-Smokers*

David Marchetti

Talia Cohen – Goleta Valley JHS, Jr Environmental Division, *Is Your Dirt Healthy? The Effect of Additives on the Microbial Balance in Soil*

Kim Miller

Ethan Brier – Goleta Valley JHS, Jr Mechanical Division, *How to Maximize the Ability of a Solar Thermal Fluid Heater*

Kim Miller

Diana Pasternak – La Colina JHS, Jr Microbiological Division, *Evaluation of Different Antibodies for HER-2 Neu Status in Breast Cancer*

Laura Wilson

John Ryan – La Colina JHS, Jr Physical Sciences Division, *The Science of Blood Splatter Analysis*

David Marchetti



50 years!

### --- Other Information ---

\$15/SEC members, \$20/non-members. Info: Barbara Keaney (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 admin. in Goleta.

Visit our web page at <http://www.scieng.org>.

**From the Presidents:** This month we are pleased to welcome **Gunnar Thomer** to Individual Membership. We look forward to your joining us at the April luncheon meeting to help foster the continuing tradition of strong support of our young scientists and engineers, and enjoy their very interesting Science Fair projects and presentations.  
**Tim Murphy and Gary Kravetz**

**Please Note: Luncheon seating is limited and available on a first-come basis. This meeting is sponsored in part by Reiker, Pfau, Pyle and McRoy, Attorneys.**