

## *Science and Engineering Council of Santa Barbara: June Luncheon*

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

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

#### **"Building Robots - 2008: How the Dos Pueblos Engineering Academy Does It"**

The Dos Pueblos Engineering Academy (DPEA) provides students who are interested in pursuing science or engineering with the opportunity to participate in a rigorous, hands-on science and engineering curriculum. Each year, for their capstone project, DPEA students enter an international robotics competition. This year, the team won two regional competitions and ranked second out of 85 teams in the Galileo Division of the FIRST Robotics Championships, held in Atlanta.

During this presentation, Academy Director, Amir Abo-Shaeer, and several DPEA students will discuss the engineering academy, the robot design-build process, and their plans for building a 12,000 square foot facility at Dos Pueblos High School. They will demonstrate their robot's winning features.

### **----- PRESENTER -----**

#### **Amir Abo-Shaeer, Dos Pueblos Engineering Academy Director**



**Amir Abo-Shaeer** is the Director and lead instructor of the Dos Pueblos Engineering Academy. He has worked at Dos Pueblos High School for the past seven years, where he has been instrumental in the development and implementation of this innovative program. The Goleta Valley Chamber of Commerce recently named him "2008 Goleta's Finest Educator of the Year (7-12)."

Before becoming a teacher, Amir was a mechanical engineer who worked in research and development in academia, the aerospace industry, and the telecommunications industry. He is also a lifelong Goleta resident and an alumnus of Dos Pueblos High School. Amir earned a B.S. in Physics, a M.Ed. in Secondary Education, and an M.S. in Mechanical Engineering from University of California, Santa Barbara.

### **----- OTHER INFORMATION -----**

**\$14 SEC members, \$20 non-members.**

Information: Barbara Keaney (E-mail [scieng@silcom.com](mailto:scieng@silcom.com)) or call (805) 684-4927.

Reservations not required. **Visit our web page at <http://www.scieng.org>**

**Elephant Bar Restaurant:** 521 Firestone Road, off Hollister

-- near airport administration, in Goleta.



**From the Co-Presidents:** This month we are pleased to welcome **Paul Laguette** of UCSB's Mechanical Engineering Department as a new Individual Member. Also this month, the Scholarship Foundation of Santa Barbara announced that the **SEC's Scholarship** for the 2008-2009 academic year has been awarded to **Tyler Dahl**. Tyler is a 2007 Dos Pueblos graduate completing his freshman year at Cal Poly San Luis Obispo with a 3.10 GPA in the General Engineering major. Congratulations to Tyler, and thanks to all of you who contributed to this scholarship. See you in June!

**Tim Murphy and Gary Kravetz**

**Please Note: luncheon seating is limited and available on a first-come basis.**