



# DOS PUEBLOS ENGINEERING ACADEMY FOUNDATION

*"Supporting engineering education on the South Coast"*

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## Spring-Early Summer 2011 DPEAF Newsletter

### The 2011 Robotics Season in Review

Team 1717 experienced a challenging and exceptionally exciting robotics season. At each regional FIRST competition Team 1717 competed through the semi-final or final rounds! In San Diego, Team 1717 was awarded the Motorola Quality Award which celebrates machine robustness in concept and fabrication. This award is especially meaningful, as it recognizes the best designed robot in the competition. Team 1717 has won the Motorola Quality Award at regional or championship competitions three years in a row! At the Los Angeles regional competition held in Long Beach, DPEA Director, Amir Abo-Shaeer won the Woodie Flowers Award and Team 1717 won the Engineering Excellence Award. Finally at the FIRST Robotics Championship in St Louis, Team 1717 finished strong, making it to the semi-finals of the Curie Division.

### October 1st Ribbon Cutting Ceremony for the Elings Center for Engineering Education

Dr. Virgil Elings will cut the ribbon to officially open the Elings Center for Engineering Education (ECEE) on Saturday afternoon, October 1, 2011. He will be assisted by the Penguinbot! You are invited to celebrate with the DPEA students, DPEA Director Amir Abo-Shaeer, DPEA Alumni, families, DPEA teachers and our community friends.



### The Capital Campaign for the DPEA

We still have \$100,000 to raise this summer to complete the \$3,000,000 Capital Campaign. Virgil Eling's challenge grant for \$34,000 just concluded successfully with help from Gus Gurley. Diana and Simon Raab followed immediately with a challenge for \$40,000! *This will be the final challenge for the DPEAF Capital Campaign!* The Diana and Simon Raab challenge grant will conclude October 1<sup>st</sup>, the day of the Ribbon Cutting Ceremony that marks the opening of the new ECEE building. **We need your help to close out the Capital Campaign by October 1<sup>st</sup>, 2011. Time is of the essence.**

Donations can be made at <http://www.dpeaf.org/give.php>. A few naming opportunities remain open: (<http://www.dpeaf.org/foundingdonors.php>). Donations and pledges at \$5,000 and up are recognized by a plaque with your names on the donor wall in the new building. (<http://www.dpeaf.org/patron.php>). **The plaque recognition will close out at the end of the Capital Campaign.**

**We need your help to close out the Capital Campaign before October 1<sup>st</sup>, 2011!**

### The DPEAF Board Welcomes Two New Members

Eric Tran Le and Steven Green, MD have joined the Board of Directors of the DPEA Foundation. Eric Tran Le is Vice President Product Management at Oracle Corporation. Steven M. Green, MD, is Professor of Emergency Medicine & Pediatrics at Loma Linda University Medical Center & Children's Hospital. Both reside in the Santa Barbara area.

### 2011 Team 1717 is Off to College at the End of the Summer

All 32 DPEA Seniors are off to college in the fall. They will be attending UC Berkeley (5); UCLA (5); Cal Poly San Luis Obispo (5); UCSB (4); Santa Clara (2); University of Michigan, Ann Arbor (2); Columbia University; Duke University; Pt Loma; SBCC; University of Colorado at Boulder; University of Nevada, Reno; University of the Pacific; University of Texas, Austin and Yale University.

## Welcome to the 2015 DPEA class

The DPEA is expanding in Fall 2011. Over one hundred students were invited to join the entering class for Fall 2011. This year's freshmen will be the first DPEA students to attend class in the Elings Center for Engineering Education. Their classes will also be the first lessons from the new DPEA curriculum, "The Art of Engineering."

## Spring 2011 Events in Recognition of the DPEA

- In February, the Change Happens Foundation (<http://www.changehappens.us/>) made a grant for \$250,000 towards the Capital Campaign. In recognition of the grant, the conference room in the new facility will be named the "Change Happens Meeting Room". This grant is the first grant the DPEA has received from a national foundation.
- Neal Bascomb's book, *The New Cool* was released March 3rd. The author followed the 2009 DPEA Class through their senior year. It details the excitement and challenges of robotics and provides a glimpse of what the upcoming senior classes can look forward to.
- *The New Cool* book signing took place at Chaucers Books on March 16th. Amir Abo-Shaeer and several members of the 2009 class, including Luke Seale, Chase Buchanan, Anthony Cazabat, Angie Dai, Daniel Huthsing, Alyssa Ogi, Anthony Turk, Yidi Wang, and Kevin Wojcik were on hand to sign copies of the book.
- The DPEA Seniors presented a review of their Year in Robotics on May 23rd to a packed audience in the Elings Performing Arts Complex at DPHS.

## DPEA Business Team Staffing

Each year Business Team Mentors teach DPEA students a variety of business skills in addition to the technical/engineering skills they acquire during senior year robotics. The 20 Business Teams for 2011-12 academic year will be Accounting, Admissions, Apparel, Awards, Press Relations, Foundation Events, Grant Writing, Graphics, Historian, Internships, DPEA Events, Sponsor Relations/Presentations, Travel, Web Content, HR - Business Teams, HR - Engineering Mentors, IT (incl. Website structure), Safety, Service Learning (AVID, Lego League) and Building/Equipment.

We want to thank all the volunteers who served as 2010-2011 Business Team Mentors: Jack Meyer, Emily Shaeer, Julie Williams, Vern Vincent, Kathy Logan, Sandy Seale, Don Holm, Jon Williams, Kevin Kjoller, Donna Voigt, Takae Araki, Arn Adams, David Perez, Juliana Bernal Ostos and Scott Schulte. We welcome the 2011-2012 Business Team Mentors: Arn Adams, Susan Beers, Ellen Bildsten, Jeannine Daniels, Don Holm, Kevin Kjoller, Kathy Logan, Alex Marsh, John Martinis, Jack Meyer, Patrick Morris, Mei Sheng Ng, Ming Ng, Emily Shaeer, Denise Tisdale, Eric Tran Le, Vern Vincent, Donna Voigt, and Jon Williams. Thank you!

We are still looking for a parent volunteer to mentor the DPEA Events Team. This team leads the arrangement of dinners for the seniors on Monday nights during 1st Semester and every night during 2nd Semester robotics. This is a vital team to staff as the students must eat at school during these times. We need a junior parent and a senior parent to mentor this team. Please contact Gary Simpson ([gmsimpson@cox.net](mailto:gmsimpson@cox.net)) if you are interested in learning more about the Business Teams.

## Screen Writer working on *The New Cool* by Neal Bascomb with the DPEA Class of 2009

Members of the 2009 DPEA Class (Luke Seale, Chase Buchanan, Kevin Wojcik, and Anthony Turk), along with Amir Abo-Shaeer, recently met with a screen writer working on the film edition of *The New Cool* by Neal Bascomb. The DPEA group showed the screen writer around the robotics room, talked about the robotics season, answered questions about *The New Cool*, demonstrated the robot, and visited Valley Precision. The screenwriters took notes and video of the robot, commenting that the robot is "very cinematic." Stay tuned for the developments!