



East Side Union High School District Education Foundation 2013 Annual Report

July, 2014

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Special Points of Interest about East Side Union High School District:

Located in East San Jose, California, the District:

- Opened its 1st high school in 1950
- Graduated over 250,000 students
- Currently has 11 comprehensive high schools
- Current enrollment 26,297 students
- Believes in academic, personal and social success for every student

Interest in STEAM Grants Grows

For the past 2 years the ESUHSD Education Foundation has been offering STEAM (Science, Technology, Engineering, Arts and Mathematics) grants to East Side teachers. Educators have been asked to submit proposals designed to inspire science, technology, engineering, arts and math learning in the classrooms. Applications are evaluated by a committee of teachers and several Foundation board members. In year two, a 600% increase was realized in the number of grant applications received, indicating that the word is getting out to the teachers.

The awards have been presented each year at the Hall of Fame event. Grants range from \$500 to \$1000. Funds can be used for the purchase of equipment, materials, or field trips which are not funded through school budgets.

This year's award winners were:

- William Cavada (MP)** - Multimedia & Music Department Collaboration
- Debra Dimas (ST)** - Making It Real
- Mike Gomez (WCO)** - Technology in Music
- Wei Li (IH)** - Lie Detector
- Brandon Lo (YB)** - Super Hero Lighting
- Doug Miller (EV)** - Start-Up Prototyping: Product Development w/3D Printer
- Rebecca Palmer (MP)** - How the Human Eye and the Mechanical Lens Work Similar to Perceive
- Mary Pollett (YB)** - iPads in the Classroom
- Ian Tippetts (PH)** - The Science of Color Theory



Grant Awardees Attending Hall of Fame Event
From left to right: Brandon Lo, Wei Li, Rebecca Palmer, Doug Miller and Debra Dimas.

Hall of Fame Dinner Honors More Successful East Side Graduates

A large crowd was in attendance at the third signature Hall of Fame event, held this past November at the Hayes Mansion in San Jose. The East Side community applauded as 12 extremely successful alumni were inducted. The event serves to highlight the many successes East Side Graduates achieve. This year's inductees included:

- **Frank Carbajal** (Silver Creek) – Author and Community Activist
- **Kelly Clarke** (W.C. Overfelt) – Space Exploration Scientist
- **Regina Clewlow** (Silver Creek) – Non-Profit Leader
- **Dr. James Delgado** (Santa Teresa) – Maritime Archaeologist, PHD
- **Melissa Dyrdaahl** (Piedmont Hills) – Silicon Valley Business Leader
- **Darcie Green** (James Lick) – Trustee, Santa Clara County Bd of Education
- **Christine Lovely** (W.C. Overfelt) – Attorney
- **Alex Munoz** (Andrew Hill) – Author and Director/Filmmaker
- **Dora Padilla** (W.C. Overfelt) – Workers' Compensation Judge
- **Viet Pham** (Independence) – Chef, Restaurateur, Food Network Celebrity
- **Lloyd Pierce** (Yerba Buena) – NBA Assistant Coach



Inductee Alex Munoz, a Film Director announced he will be premiering his upcoming film about growing up in San Jose this fall and will have a special sneak preview fundraiser for the Foundation as a means of giving back to his community.

All funds raised at the event support athletics, special needs students, co-curricular activities and science, technology, engineering and math programs in the classroom.



Foundation President Ed Buller (left) and Vice President Chris Funk (right) congratulate inductee Melissa Dyrdaahl



Class of 2013—Top row from left to right—Lloyd Pierce's Mother (Lessie Mackey), Darcie Green, Christine Lovely, Lloyd Pierce's sister (Deedre Scott-Keane), Bottom row—Alex Munoz, Viet Pham, Frank Carbajal, Jerry Soriano, Dora Padilla, Regina Clewlow and Kelly Clark

Letter From Foundation President Ed Buller



Teacher Feedback on Impact of Grant

As a recipient of STEAM grant from ESUHSD Education Foundation, I'd like to say thank for giving our students opportunities to enhance learning mathematics with the help of technology such as graphing calculators and iPads.

As indicated in the student technology survey that I completed, the majority of our students either agree or strongly agree that technology helps them learn faster and earn better grades. In addition, many of them want to see more technology used in classroom and have a desire to learn more about it. In many lessons through the school year, our students have used graphing calculators to enhance learning mathematics. Recently, two iPads were added to our technology tools box. Our students have used iPads and graphing calculators to graph trigonometric functions such as $f(x) = \sin x$, $g(x) = 2 \sin x$, $t(x) = 2 \sin(2x - \pi)$, $h(x) = \sin(2x - \pi/4) - 1$ and making conjectures of how amplitude, period, phase shift changes when the function is changing. Students were working in group of 4. Domain and range can also be determined by looking at graphs of those functions. Other trigonometric functions such as cosine, tangent, cotangent, secant, and cosecant were included in the activities. Since only two iPads were available, they were rotated over two-day lesson to give all students opportunities to access. Students were deeply engaged and fully discussed whether their conjectures were correct. I'm collaborating with other teacher on site to plan more lessons using technology to better serve our students.

Sincerely
 Mary Pollett
 Math/Vietnamese Teacher
 Yerba Buena High School

**“Education is
 the most
 powerful
 weapon which
 you can use to
 change the
 world”**

**Nelson
 Mandela**

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We're on the web

www.esuhsdef.org

The mission of the East Side Union High School District Education Foundation is to support and enhance the athletic, educational and co-curricular experiences of the students of the East Side Union High School District.

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