



Math for Service

Incubating, mentoring, and sustaining student-run community service projects.

Greetings!

The 3rd annual Orange County Science and Engineering Week is nearing. For the first time, OCSEF is partnering with the World Cube Association to host the OCSEF Open 2017, a Rubik's cube tournament open to all ages.

-----**ATTENTION: VENUE CHANGE**-----

OCSEF Open 2017: April 23, 10:00AM to 5:00PM, Discovery Cube

OCSEW Festivities: April 23, 10:00AM to 5:00PM, Tustin Community Center

We apologize for the short notice.

This year, Orange County Science and Engineering Week will feature events for young students interested in not only science and engineering, but also math, computer science, business, and art. Along with the regular Elementary Science Olympiad Invitational and Junior Engineering Olympiad, festivities will include the OCSEF STEAM Scavenger Hunt and Showcase on April 23.

Please mark Orange County Science and Engineering Week down on your calendar. The OCSEF Open 2017 will be held at the Discovery Cube in Orange County on April 23. The Elementary

Science Olympiad Invitational, Junior Engineering Olympiad, and STEAM Scavenger Hunt and Showcase will take place at the Tustin Community Center.

Next, Math for Service's annual Open House will be held on May 13 from 2:00 to 4:00 PM at Sage Hill School. For more information, please read the rest of our newsletter.

Both the Orange County Science and Engineering Week festivities and Open House are open to families and family members of all ages. We look forward to seeing you there!

Sincerely,
Lucy Liu
Math for Service
Editor-in-Chief, 2016-2017
University High School, Class of 2018



Month at a Glance

Math for Service events occurring from 4/15 to 5/15



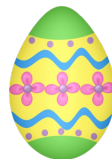
Orange County Science and Engineering Week
Time: 10:00AM-5:00 PM
Date: 4/23/17
Location: Discovery Cube and Tustin Community Center



Arnold and Mabel Beckman Art Contest
Due Date: 4/28/17
Register [here](#).



MFS Open House
Time: 2:00-4:00 PM
Date: 5/13/17
Location: Sage Hill School



April 2017 Newsletter

2017 Orange County Science and Engineering Week

This year's Orange County Science and Engineering Week is from April 17-23.



New this year are the OCSEF Open 2017 (an official Rubik's Cube competition hosted by the World Cube Association in partnership with OCSEF) as well as the OCSEF STEAM Scavenger Hunt & Showcase.

The events this year not only incorporate science and engineering, but also math, computer science, art, and business! We highly recommend you to check these new events out.

As always, details on the 3rd annual OCSEF Elementary Science Olympiad

Invitational and OCSEF Junior Engineering Olympiad can be found on our [website](#). We've introduced some new competition events this year. Make sure you sign up soon!

Attention: Please make note that our venue has changed, and we apologize for the short notice. The venue for the OCSEF Open 2017 Rubik's Cube competition will be held at the Discovery Cube in Orange County. The Elementary Science Olympiad Invitational, Junior Engineering Olympiad, and STEAM Scavenger Hunt and Showcase will be held at the Tustin Community Center (2961 El Camino Real, Tustin, CA 92782).

All questions, comments, and concerns are welcome and may be directed to info@ocscience.org.

Please **RSVP** as soon as possible as spots will fill up soon! **Don't hesitate, this event will be one to remember!**

Arnold and Mabel Beckman Art Contest Registration

Registration for the annual Arnold and Mabel Beckman Art Contest is **CLOSING** this month on **April 28!** Submit your art before it's too late!

Here is this year's theme:

"Arnold and Mabel Beckman were active philanthropists, funding initiatives in science, art, and education. Their philanthropic actions, like Dr. Beckman's contributions to chemistry, helped to make the world a better place.



How do you envision a better world? Visit the Arnold O. Beckman Exhibit at the Beckman Center (100 Academy, Irvine, CA 92617) or the Arnold and Mabel Beckman Foundation website (www.beckman-foundation.org) to get inspired by the Beckmans' many contributions to society. Then, use your creativity to portray your ideal world, or the ways through which science and engineering might manage to achieve it."

Please also submit a brief explanation of how your art relates to the theme (specifically, what you learned about Dr. and Mrs. Beckman that inspired you).

To view the flyer, please click [here](#). To register for the competition, please click [here](#). For information on the Registration and Submission Guidelines, please click [here](#).

Come to the Math for Service Open House

Math for Service's annual Open House will be held on **May 13, 2017** from **2:00 to 4:00 PM** at **Sage Hill School**.

At our open house, you will be able to interact with volunteers from each of our nine organizations and learn more about each organization and the opportunities they provide. Organization presidents will also go over this past year's accomplishments. We will also be handing out President's Volunteer Service Awards, have a senior sendoff and a half hour for refreshments. If you are a volunteer, this Open House is the perfect chance for you to learn about each organization and decide where you would like to volunteer.

The President's Volunteer Service Awards will be awarded to Math for Service volunteers who qualified at the Open House, so please come to be awarded and congratulate your peers for their dedication. For more information on the PVSA award, please click [here](#).

And lastly, we will be sending off our seniors, who have dedicated countless hours and skills to Math for Service. We know they will do amazing things for other communities wherever they go. Please join us in celebrating this remarkable students!

If you are interested in learning more about any of the organizations, you can find links to all the organizations' websites on the Math for Service [homepage](#).



News

Read about our recent events

Voluntu Wins Second at the Diamond Challenge International Competition Finals

After advancing through two rounds, and pitching at the finals, OC Launch's Voluntu won second place in the Social Venture category of the Diamond Challenge International Competition out of over 700 total teams that had participated.

Voluntu is a volunteer-made and run website and mobile application that a team of high school students created to address problems with verification and consolidation of hours.

Upon winning, Voluntu was awarded \$7000, including a \$500 tuition for Catapult for each team member and Preferred Partner Fast-Track Application and Scholarship fund for Catapult*.

Congrats to **Jason Ye (Sr.)**, **Jack Sun (Sr.)**, **Lucy Liu (Jr.)**, and **Amy Zhong (So.)** for their achievement.

At the competition, there were young successful entrepreneurs, such as Haile Thomas and Justin Lafazan, as well as all of the other amazing competitors with their own startup projects.



Amy Zhong and Jack Sun pitching in the final round.

All semifinalists competed on April 6 at the University of Delaware, from which 3 teams from the social venture category were selected to pitch at the final round on April 7.

In the final round, Voluntu competed against two other teams in a 5-minute pitch and 3-minute question period in front of a live audience, an online live-stream, and a panel of judges.



Jack Sun and Amy Zhong receiving the award.

Voluntu is OC Launch's first successful social startup. With OC Launch's help, Voluntu, which began as an idea, went through the entire process of starting a business from building a business model to pitching live.

These members will be part of OC Launch's mentor system, where other teams that choose to work with OC Launch can receive advice and guidance from experience high school students. To learn more about OC Launch, please visit their [website](#).

*Catapult is a high school summer start up incubator designed for entrepreneurs around the world

All Girls Math Tournament 2017

Over a hundred young female math-enthusiasts in Orange County gathered together to compete in the 2017 All Girls Math Tournament held on April 1 at St. Margaret's Episcopal School.

"Women are underrepresented



All Girls Math Tournament 2017

in STEM," says Natalie Yee, the president of All Girls Math Tournament. "We wanted girls to pursue their passion in math and have a space where they can share their love with other female individuals."

The tournament began as emcees Hana and Miya Stauss gave an introduction on the tournament and a summary of the day. The tournament followed the structure of the MathCounts competition.

"The team round was our favorite and the most exciting part of the tournament because we got to meet new people and work together," says Kate and Rachel Cunningham, two participants of the tournament.

The awards ceremony started off with a presentation by Ms. Karmyn McKnight from Endologix, a company dedicated to biomedical technology. McKnight talked about her career and how math applies to what she does.

"Sometimes there is a lot of pressures when girls compete with guys, especially in elementary and middle school," says McKnight. "That is when a lot of girls get discouraged. Sometimes it is intimidating because guys get more aggressive. I think it is really empowering to have a girls-only area so girls can feel inspired and more relaxed."

The organization is determined to encourage girls to participate in STEM not only in Orange County, but in other areas as well through satellite organizations.

"This was our third year doing satellite organizations," says Sophie Courtney, the Director of Marketing. "We had very dedicated satellites in San Diego and Anaheim. I think we will see the payoff of these satellite organizations soon, and we are hoping to get more satellite organizations next year."

To read more about the All Girls Math Tournament, please click [here](#).

Volunteer of the Month

Congrats to Grace Sauers, a sophomore who goes to Laguna Beach High School, for being named Volunteer of the Month!

Recently at the All Girls Math Tournament, she exemplified exactly what the perfect volunteer is: helpful, polite, and having very positive attitude.

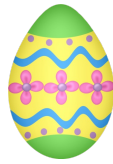
"I noticed how she was always one of the first people to approach participants and parents to lead them to their seats and answer questions, she has great initiative," Director of Membership Sasha Kvitsinski said.

The All Girls Math Tournament looks forward to working with Grace in future events, and is thankful for everyone in helping out and making the 2017 AGMT great!



"This is one of my first time volunteering with AGMT, but I am definitely looking forward to volunteering for them in the future, they have a

great message that they send to little girls, it's really inspiring," Grace Sauers said.



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