



# The Beaker

NEWS FROM THE NORCAL STEM EDUCATION FOUNDATION

Issue 41, August 1, 2017

## ENJOY A MEAL & SUPPORT STEM!

As you all know, there are many ways to help the NorCal STEM Education Foundation succeed in giving the tools to assist students explore their interests in STEM. The Foundation appreciates the many ways in which each of you choose to donate: volunteering at an event, sponsoring our organization financially, even your efforts spreading the word by sharing a post on social media. As a non-profit organization, fundraising is key to our ability to achieve our goals. Coming soon, there will be a delicious way you can sponsor those efforts: eating food!

**The event will be held at the Chipotle located at 2517 Fair Oaks Blvd. in Sacramento on Wednesday, September 6th between 4:00 p.m. and 8:00 p.m.**

Please [CLICK HERE](#) to download the event flyer. When you order your meal, you can show a copy of it to the cashier on your phone or hand them a printed copy, and Chipotle will donate 50% of the proceeds to NSEF. Staff will be on-hand to answer your registration, mentoring or general questions as well. *(Note: we can't give you the flyers on-site, so make sure to bring your own!)*

In the month of September, the NorCal STEM Education Foundation will be hosting a fundraising event at **Chipotle!** This is a great opportunity for all of you, our supporters and your friends and family, to go out and eat while donating to NSEF at the same time.

The proceeds from your meal will help ensure the continuance of the annual Sacramento Regional STEM Fair, the Regional STEM Mentoring Program, the STEM Speaker Series, STEM Outreach, and Professional Development for Teachers. These programs help the Foundation inspire students and give them an opportunity to expand their interests and gain insight into what the STEM world is really like. We can't wait to see you there!



## MSLI ONE-DAY MENTORING PROGRAM RECAP

The NorCal STEM Education Foundation partnered with the CAMP at the California State University, Sacramento to host a one-day mentoring program during their Migrant Student Leadership Institute in June.

successful post-secondary education. The goal of the Foundation in joining this program's effort was to enhance the STEM portion of the existing programming; introduce the students to STEM professionals and different career pathways.

Migrant Student Leadership Institute satisfied many of the goals of the Regional STEM Mentoring Program including those listed above. During it's time with the Institute, the RSM Program introduced hands-on engaging activities in STEM, used trained STEM professional mentors to present career possibilities

The Migrant Student Leadership Institute is a

## CALENDAR OF EVENTS

- September 6** - Chipotle Fundraiser @ Fair Oaks Blvd.
- September 9** - Folsom Electricity Fair
- August - November** - Foundation Presentations to interested Schools, Teachers, Organizations

### Donate to the Foundation While Grocery Shopping!

Do you shop at Raley's, Bel-Air, or Nob Hill? If so, please join the **Extra Credit program** for the Sacramento Regional Science and Engineering Fair Foundation (dba NorCal STEM Education Foundation). It's all online and just takes a few simple clicks to support the Foundation! [See instructions on how to sign up here.](#)

### Are YOU a State Worker Who Donates Through "Our Promise" (formerly CSECC)?

The Sacramento Regional Science & Engineering Fair Foundation (dba NorCal STEM Education Foundation) hopes you will elect to donate to our organization during the Fall 2017 Campaign as a certified non-profit with Our Promise. As information is released on HOW to donate, the Foundation will share it with you!

### Sponsor STEM Education Today!

Does your organization support STEM Education? Would you like to be more involved? Then consider becoming a sponsor of the NorCal STEM Education Foundation, today! All sponsors receive benefits such as being featured on our website and marketing materials. **All** the money goes toward increasing student interest in STEM! It's a win-win! If you or someone you know is interested in sponsoring the Foundation, either monetarily or with in-kind goods or services, please visit our [sponsorship page on the website](#) to learn more.

week-long program that provides students with courses in college-level classes and encourages exploration of subject material in an effort to prepare these students for post-secondary education. The Institute is an integrated program of study that met the following goals: 1) provide a challenging and rigorous program of study focusing on the application of STEM subjects; 2) bridge and connect in-school and out-of-school learning opportunities; 3) provide opportunities for student exploration of STEM related fields and careers; and 4) prepare students for



The Regional STEM Mentoring Program's overall purpose is to build a stronger, more prepared and diverse STEM workforce. Important objectives of the RSM Program are to help students develop collaboration skills with peers and adults, and inspire students to pursue STEM degrees. Partnering with CAMP through the

and performed the scientific process with every day materials to demystify the possibilities in STEM education for these students from migrant backgrounds.

The program included hands-on activities and mentor sessions so that students could see the different career pathways to STEM and all the different professions that fall under the umbrella of the acronym. The program was a success and provided great feedback for the Foundation regarding out programming. For more information, please visit these links for a [report](#) and a [short video of the day!](#)

## GOOD LUCK TO OUR BROADCOM NOMINEES

The Broadcom MASTERS (Math, Applied Science, Technology, and Engineering for Rising Stars), a program of Society for Science & the Public like the Intel ISEF, is a national science, technology, engineering, and math competition for 6th - 8th graders. Entries will be judged during the summer and in September, SSP and Broadcom will announce the top 300 national semifinalists. From the semifinalists, 30 finalists will win an all-expense-paid trip to Washington, DC with a parent to showcase their projects, compete in teams and visit historical sites and organizations that celebrate innovation through science, technology, engineering, and mathematics.

In order to compete in the Broadcom MASTERS program, a student must be nominated through placing in an SSP-affiliated fair like the Sacramento Regional STEM Fair. We would like to recognize and share our pride in the following Middle School nominees from the 2017 Sacramento Regional STEM Fair for entering into the Broadcom MASTERS competition and continuing their journey in STEM!

Khadeeja Baqui  
Al-Arqam Islamic School  
Sacramento

Jacqueline Prawira  
Altamont Elementary School  
Mountain House

Alicia Roice  
Altamont Elementary School  
Mountain House

Ashlyn Roice  
Altamont Elementary School  
Mountain House

Yahvin Gali  
California Connections Academy at Ripon  
Ripon

Zuriel Erikson Joven  
Sutter Middle School  
Sacramento

Nathan Smith  
Sutter Middle School  
Sacramento

Neha Sethi  
Winston Churchill Middle School  
Sacramento

They'll be competing for a top award of \$25,000. The semifinalists will be announced on September 6, and the finalists will be announced on September 20, 2017.

**We wish all of our nominees good luck and we anxiously await the results with you!**



The Regional STEM Mentoring (RSM) program provides a foundation for students to build hands-on skills, receive advice, and grow into independent individuals ready to jump-start their careers. Please visit our website for more information and to sign up for this amazing experience:

[Learn about the Mentoring Program!](#)

## SUMMER'S ALMOST OVER, TELL US ABOUT IT!

### TELL US ABOUT YOUR SUMMER

Summer is almost gone and we want to know what YOU accomplished in STEM! Did you go to a science summer camp? Did you start experimentation (make sure to shoot us a quick email so we can put your experiment through SRC if you intend to use it for next year's Fair!)? Don't be shy - we will accept stories from students, teachers, even parents! Submit your stories to [sacSTEMfair@sacSTEMfair.org](mailto:sacSTEMfair@sacSTEMfair.org) and we will publish them in the next Beaker!

### FOLLOW US ON TWITTER

We're doing our best to ramp up our presence on Social Media - that includes posting to Twitter more often! Do YOU have a Twitter account? If so, follow us. We'll be using it to communicate more often regarding important Fair information, and to announce our upcoming year-long fundraising program, set to kick off in September!

Get Social with us!

