

CREST

Est. 2008 at Paradise Valley High School

CPG NEWS

Vol. 2, No. 6, March 2018



MARK YOUR CALENDAR

Bioscience HOSA NAMI Night

- **What:** Special event and fundraiser for the National Alliance on Mental Illness
- **When:** Thursday, March 29th at 6:00pm
- **Where:** PVHS
- **Who:** Open to the Public

CPG Executive Board Meeting

- **What:** Monthly CREST Parent Group (CPG) board meeting
- **When:** Monday, April 16, 2018 6:00pm
- **Where:** CREST Building
- **Who:** All CREST parents interested in learning more about student internships.

CREST Senior Banquet

- **What:** Senior banquet and awards for CREST students
- **When:** Wednesday, April 25, 2018
- **Where:** Orange Tree Resort
- **Who:** CREST seniors and families. Invitations to be sent soon. Hold the date!

Click for the [CREST Parent Group calendar](#) and see all the latest events at CREST.



DID YOU KNOW?

CPG News and the Crest Parent Group website both periodically post student scholarship and summer program opportunities. Be sure to read the information included in this Newsletter under Community Connections or access the [CPG Website](#).



CPG UPDATE

Welcome back! We hope you all had an enjoyable and restful spring break. Can you believe we only have 2 more months until the end of the school year? We are always amazed at how quickly the year flies by – especially after spring break. AZSEF, Spring Leadership Conferences, Project Symposium, and upcoming events for our seniors. The next two months are sure to be a whirlwind! There is a lot happening with each of the CREST strands so please make sure you take the time to read this issue carefully.

The next two months will be busy for the CPG Executive Board as well as we support our teachers and students with these upcoming activities. In that regards, we would like to invite our CREST parents to join us at one of our upcoming meetings to learn more about joining a CPG committee. We have some open committee positions we need to fill for the 2018-2019 school year and will be sharing more information at the April and May meetings. Don't have time to attend a meeting? Feel free to email us to find out more information. Hope to see you there!



STAY CONNECTED

Follow CREST on Twitter. For news from the CREST Program, faculty, and about CREST student accomplishments and timely information, follow the PVHS CREST Program on Twitter @pvhscrest and the PVHS CREST Parent Group @crestparentgroup

To receive CREST Parent Group texts va REMIND, text: @crestp to 81010



STUDENT NEWS

SENIORS — SAVE THE DATE!

Please look for your Senior Banquet invitation in the mail. The CREST Senior Banquet will be April 25, 2018 from 6:00-8:30 at Orange Tree Golf Resort 10601 N 56th St Scottsdale, Az 85254. Student dinners will be paid for by the Crest Parent Group. Any guests accompanying the Senior the fee is \$25.00 per person. Reservation RSVP's are due by April 13, 2018.

You can either mail in your RSVP cards or drop off with Mr. Howardell. We will not be accepting walk ins, so please make sure that you get your reservation in on time. We are putting together a slideshow, and would like to include a then and now photo of each graduate.

Please email TWO pictures of your Senior to Sohara@cox.net. The first picture should be of your son/daughter at age 5 or younger (if available), and the second picture should be a current photo taken within the last year. Also, feel free to email any other pictures that you would like to have included in the slideshow.. We want to have a photograph of every Senior in the slideshow. We would appreciate having these photos by April 6, 2018. (E-mail photographs to Sohara@cox.net)

PARENT CHAPERONE'S NEEDED

Field trip season is upon us and we will be in need of chaperones soon. The district has changed the process for chaperone approval; I have attached the instructions below.

Every chaperone/volunteer must repeat the process annually, even if the chaperone is a district employee and/or certified teacher. The current turnaround time for continuing applications is ~2 weeks.

HOSA will also need 2-3 (1-2 males) chaperones for the 3 day State Leadership Conference in Tucson at the Westin LaPaloma resort 4/2-4/4/18.

INTERNSHIP REPORT

Due to some changes in age restrictions with some of the organizations who have accepted our CREST students as interns in the past, we are looking for parents who may have connections in the community in the following areas:

Bioscience: Internships in labs, hospitals and doctor shadowing experiences. We also have a need for botany/plant studies internship.

Engineering: Internships in mechanical and aerospace engineering as well as architectural firms.

General Business: There are always a few students who are interested in working outside of their strand area including Finance, Accounting, Marketing, etc.

ENGINEERING NEWS AND UPDATES

The Introduction to Engineering Design class have been working on a modeling unit. They are creating an automata design project both in Inventor on the computer, and in the shop. Be sure to ask your kids how an automata works. Our next unit will be on geometry, where we will be continuing with our projects.

The Engineering Design and Development class is working on their projects. Putting together some final ideas, brainstorming solutions to their problems, and selecting a solution path. We are just about to start putting together working drawings, and then we will be in the shop building.

Seniors are dedicating time to creating their senior projects while we wait for warmer weather to build, predict and test the temperature inside solar ovens they will design.

Sophomores are using the design tools they learned to design, simulate, build and test the digital circuit to control a gas fireplace (no real gas fireplace involved).

FIRST TECH CHALLENGE

First Tech Challenge, or FTC, is a new club focused on teaching STEM principles by solving complex challenges using robotics. In FTC you will have the opportunity to learn engineering, electrical, and computer science principles and apply them, building robots from scratch to participate in a challenging game. This years game is called Relic Recovery, and involves sorting blocks into specific patterns to score points while you and your alliance partner work to defeat the other team. All students are welcome and no previous knowledge is required to get involved. The team meets every Tuesday and Wednesday in Mr. Vivers room after school from 2:10 PM to 4:00 PM. We'd love to have you come join us for a meeting if you're interested in engineering and robotics, and join us for our 2017-18 build season!

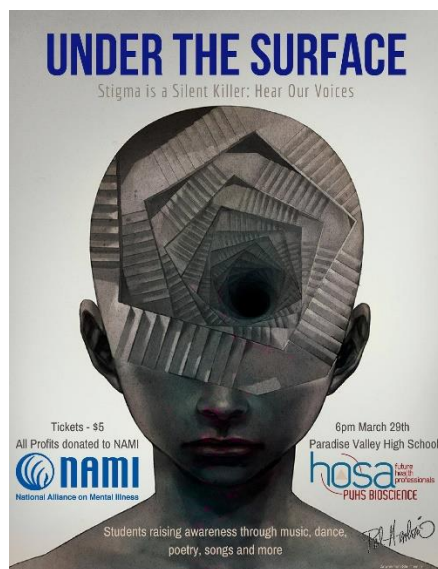
BIOSCIENCE NEWS AND UPDATES

Spring Leadership Conference: April 2nd through 4th.

This is the link to the letter that was sent home for the [Spring leadership conference](#) in case students did not bring it to their parents.

JOIN US ON THURSDAY, MARCH 29TH FOR NAMI NIGHT

All parents are invited to NAMI night, next Thursday, March 29th at 6:00 PM. This performance based with poetry, songs and dances is being put on by our Bioscience HOSA students in collaboration with the National Alliance on Mental Illness. It will be a moving event for family and friends and will be a powerful message about how mental illness is affecting students. Admission is \$5 and all profits will be donated directly to NAMI. Along with the show, during intermission, there will be a silent auction with items such as; gift cards and gift certificates.



CONGRATULATIONS:

Big congratulations to Hannah Butler-Robbins for being named a TGen Helios Scholar Finalist and Kyle Kline who won both the Baird Scholarship AND the Flinn Scholarship.

AZ SCIENCE AND ENGINEERING FAIR: MARCH 22ND AND 23RD

The AZ Science and Engineering fair is 3/22 & 3/23, many students have not turned in their permission slips to Howardell.

The awards night is 3/23, all are welcome.

HOSA INDUCTION CEREMONY:

The HOSA induction ceremony is 4/26. New officers are inducted during this event and many HOSA members are recognized during this event. All HOSA members and parents are invited. More details to follow.

COMPUTER SCIENCE NEWS AND UPDATES

CONGRATULATIONS:

Big congratulations to Zach Rolfness for his acceptance into MIT.



ALUMNI CORNER

BIOSCIENCE ALUMNI NEWS

News from past Bioscience students can be found on Mrs. Landry's [blog](#).



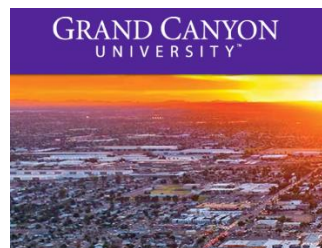
COMMUNITY CONNECTIONS

GRAND CANYON UNIVERSITY 2018 SUMMER INSTITUTE

The 2018 Summer Institute is a FREE opportunity for high school juniors and seniors to stay overnight at GCU to experience campus life and explore academic programs such as engineering, computer science, hospitality, business and more.

The following sessions offer hands-on learning experiences in engineering, computer science, hospitality, business and more taught by experienced GCU faculty and industry experts. Learn all about GCU and tour our vibrant campus. Choose from the following camp options:

Applications will be evaluated on a first come, first served basis. The application deadline is March 15, 2018 or until the camp session reaches capacity. Space for each camp is limited to 40 participants, so make sure to apply today! Click on the picture below for more information.



2018 SUMMER INSTITUTE

NATIONAL INSTITUTES OF HEALTH (NIH) SUMMER PROGRAMS

Summer programs at the National Institutes of Health (NIH) provide an opportunity to spend a summer working at the NIH side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research (At the NIH "biomedical sciences" includes everything from behavioral and social sciences, through biology and chemistry, to physics, mathematical modeling, computational biology, and biostatistics). The NIH consists of the 240-bed Mark O. Hatfield Clinical Research Center and more than 1150 laboratories/research groups located on the main campus in Bethesda, MD, and the surrounding area as well as in Baltimore and Frederick, MD; Research Triangle Park, NC; Hamilton, MT; Framingham, MA; Phoenix, AZ; and Detroit, MI. NOTE: the number of positions in Hamilton, Framingham, Phoenix, and Detroit is limited.

Internships cover a minimum of eight weeks, with students generally arriving at the NIH in May or June. The NIH Institutes and the Office of Intramural Training & Education sponsor a wide range of summer activities including lectures featuring distinguished NIH investigators, career/professional development workshops, and Summer Poster Day.

For more information visit their site by clicking on the picture below.

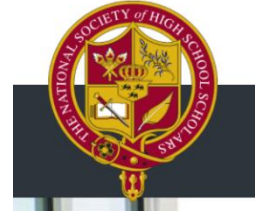


NSHSS SUMMER PROGRAMS

The National Society of High School Scholars (NSHSS) provides information on numerous summer programs, scholarships and other opportunities for students. To review and search for opportunities like the ones below, click on the NSHSS picture.

- Summer Programs at Johns Hopkins University
- TIA TULA Colegio de Espanol
- United Planet
- George Washington University Summer & Special Programs
- Outward Bound Costa Rica
- Baruch Leadership Academy

- The Wellesley College Pre-College Residential Program



STANFORD MEDICINE HIGH SCHOOL AND PRE-MEDICAL STUDENT SUMMER INTERNSHIP

The Cardiothoracic Surgical Skills and Education Center Stanford Summer Internship is designed to educate high school and pre-medical students considering careers in science, medicine, and public health in basic and advanced cardiovascular anatomy and physiology as well as medical and surgical techniques that will be utilized in pre-medical and medical school. This program is open to all students worldwide.

For more information visit their site by clicking on the picture.



SUPPORTING CREST

Families and friends can help support the CREST Parent Group and student organizations (HOSA, Skills USA (Engineering), and Skills USA (Computer Sciences)) with donations and tax credit donations. For more information or to make a donation please visit the CPG website and remember to please consult a tax advisor for questions regarding tax credits:

<http://crestparentgroup.org/donate/>

EMPLOYEE DONATION MATCHING PROGRAMS

Employers will often match employee donations and two local employers have made sizable donations to CREST this year. Special thanks go to Honeywell and American Express for their support of CREST programs.

