



CPG NEWS

Vol. 2, No. 2, September 2017



MARK YOUR CALENDAR

- **College Night:** Representatives from ASU, NAU, UofA, and GCU will be in the Media Center on September 7th from 6:00pm - 8:00pm. They will each give a short presentation about admissions, scholarships, and their programs. Please come and learn about some of in-state universities and ask them any questions you may have.
- **CREST Parent Group Executive Board Meeting:** Monday, September 18, 2017 6:00pm CREST Building.
- **Financial Aid Night:** Our speaker will discuss financial aid - scholarships (private/college), grants, different types of loans, etc. This will be held in the Media Center from 6:00pm - 8:00pm on September 26th.

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



CPG UPDATE

WELCOME BACK TO THE 2017-2018 SCHOOL YEAR!

Dear CREST Families-

Thank you for another amazing start to the school year! Our JJ's Deli event attracted over 150 people and earned us \$300 for immediate use by our teachers and students. It was heartwarming to watch the joyous interactions between faculty, parents, students and alumni. Please continue to support JJ's from time to time as a thank you for their commitment to our program.

Throughout the course of the year I will introduce you to the dedicated individuals who serve on the CPG Executive Board. We were all once freshman parents looking to find our way and connect with others who share our passion for quality (public) education. When my oldest son started at CREST a friend invited me to a CPG meeting one Monday night. And just like that, I was hooked! Every ounce of effort and penny raised by the CPG goes directly to your children in the classroom and their incredible teachers. It is truly rewarding to give of one's time when you can see a direct impact. That being said, please join us in the months ahead and see how you can become an active part of our community. Our general meetings are open to all CREST families.



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

A little bit about our CPG President, Lisa Lisk:

My most important position is MOM to 4 wonderful children. Ian and Julia are former CREST students studying engineering at The University of Arizona. Harry is a CREST junior in computer science with a passion for First Robotics and Pokemon. Ben is a CREST freshman in bioscience and a lineman on the PVHS freshman football team...go Trojans!

My other full time position is teaching Gifted Preschool at Desert Trails Elementary School. I am honored to work for, and send my children to, the best schools in the state. I absolutely love working with young students, helping them grow and develop into their best selves. I am equally as passionate about working with parents, helping them navigate the wonderful, yet challenging journey of raising gifted children.

My husband Geoff and I have been married 23 years. We have four cats whom we ridiculously adore. Our family loves spending time in the San Francisco, Bay Area and watching Cardinals football!

There are many exciting events coming up this fall at CREST. Please remember to check our website at www.crestparentgroup.org and follow us on Facebook and Twitter for the most up-to-date information. We ask you to encourage your friends to join the CPG online and continue to receive our monthly newsletters. Membership donations are encouraged but not required.

Best- Lisa

CPG President

CPG WELCOME RECEPTION

Thank you to all who attending this year's welcome reception. We had a great turnout and impressive presentations from our student groups.





STAY CONNECTED

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

Stay connected through text updates by signing up for Remind.

CREST T-SHIRTS STILL AVAILABLE: \$15



CREST T-Shirts are available, and popular sizes have been restocked!



STUDENT NEWS

BIOSCIENCE NEWS AND UPDATES

DEPARTMENT OF BASIC MEDICAL SCIENCES OFFERS SIX-WEEK PROGRAM TO HIGH SCHOOL STUDENTS

Fourteen high school students from the Phoenix area participated in a six-week internship program at the University of Arizona College of Medicine – Phoenix, which provided them the opportunity to train in a laboratory setting and explore careers in research and medicine.

Three CREST students (all who applied) were accepted: Joe Velazquez, Mason Hendrix, and Ryan Lisiewski. All three are pictured in the group shot, and two of them are pictured in the [story](#). Student feedback was positive and I recommend future students apply for this summer program.



BIOSCIENCE NEWS

HOSA: The next HOSA meeting is Friday 9/1 from 220-330pm, please encourage ALL Bioscience to join the #HOSAHYPE. The process for paying dues has changed, please do not pay them online. Please send the \$30 dues fee with your student on 9/1, we have to pay as a group.

daVinvi Robot: In conjunction with Abrazo Health, Phil has arranged for the daVinci surgical training robot to be in the CREST building on 9/12. There are 3 possible time rotations to choose from: Session 1 9:00 - 11:30 Session 2 11:30 - 2:00 Session 3 2:00 - 4:30

Invitations to see the presentations and USE the robot have been sent to all CREST students. Please encourage them to take advantage of this once in a lifetime opportunity.

Guest Speaker for the Sophomore class: Mrs. Landreville has secured a valuable guest speaker presenting to the Cell Biology students on Monday 8/28. Yamila El-Khayat is a U of A research librarian and will present research techniques to students.

New Global Citizens: This is a new club open to ALL PV students. We are focused on thinking globally and acting locally. The club had its first meeting yesterday and there was a great turn-out. This club is an easy way for even the most reluctant student to become involved!

The Bioscience Mentor Program: is having their first Meet and Greet party on 9/7 after school in the presentation hall. We have paired all freshmen who responded to the survey with an upper classmen. Pizza will be served and games will be played. If your freshman did not fill out the survey but would like to be involved, please e mail Riley Reed (rreed2@pvlearners.net), the president, or Kyle Kline (kkline@pvlearners.net) immediately.

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 turn around time for continuing applications is ~2 weeks.

HOSA will need ~4 chaperones (1-2 males) for the FLEX conference 11/8/17 from approximately 8am-5pm. Please notify Michelle Landreville or me if you are willing to chaperone AND to confirm that you are an approved 17-18 candidate. The district will deny our field trip paperwork if the listed chaperones are not preapproved.

Thinking ahead, 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.

ENGINEERING NEWS AND UPDATES

EDD is working on creating Inventor assemblies and presentation files, as well as researching topics for their major project.

HSC is working on lab/shop/computer science/sustainability rotations, as well as forming groups and brainstorming for their research projects.

Mr. V's CREST engineering seniors are beginning work on Solar Ovens made from mostly recycled materials. This is not a contest to see who can make the hottest oven; it is about modeling the oven mathematically to see how accurate students can predict the temperature inside the oven.

Mr. V's CREST engineering sophomores completed building mouse trap cars as an introduction to teamwork and simple machines. They are embarking on designing and building compound machines using VEX components.



ALUMNI CORNER

BIOSCIENCE ALUMNI NEWS

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



COMMUNITY CONNECTIONS

ARIZONA SCIENCE TEACHERS ASSOCIATION: TEACHER OF THE YEAR PROGRAM – NOMINATIONS ARE NOW OPEN

- Do you know an outstanding K-12 science teacher?
- Do you know an outstanding K-12 novice teacher (1st three years)?

We all know a teacher who makes a difference in the lives of children. Go ahead and nominate them today or nominate yourself for an ASTA Teacher of the Year Award.

Awards are given to an outstanding elementary teacher, middle level teacher, high school teacher and to a K-12 novice teacher (first three years). Anyone – principals, teachers, parents, students or members of the general public – may nominate.

[Click here](#) for the nomination form. **Nominations close September 15, 2017. Completed applications are due September 30, 2017.**

GENERATION NANO: SUPERHEROES INSPIRED BY SCIENCE

Scholarship Opportunity! Generation Nano: Superheroes Inspired by Science! – Open to 6-12th graders

The [National Science Foundation's](#) Create-Your-Own science superhero competition. Students compete for a chance to win cash prizes and a trip to Washington, D.C. to present at the [2018 USA Science & Engineering Festival](#). They can enter individually or in teams of 2-3 and use science or engineering to create a unique superhero. They then tell their hero's story in a short comic or video. Submissions accepted Sept. 18, 2017 – Jan. 8, 2018.

See [nsf.gov/GenNano](#) for more information, and follow us at #GenNano. Questions: email gennano@nsf.gov.

HISPANIC HERITAGE FOUNDATION (HHF) IS ACCEPTING APPLICATIONS FOR THE 2017 YOUTH AWARDS EDUCATIONAL GRANTS PROGRAM.

Our 19th Annual Youth Awards program will award students, graduating Class of 2018, with educational grants to pursue their higher education or to fund a community-based project. Recipients will be selected for their accomplishments in the classroom, community, and for their excellence in various educational categories.

Students and parents will be celebrated at 10 regional ceremonies: Atlanta, Chicago, Dallas, Houston, Los Angeles, Miami, New York, Phoenix, Northern California, and Washington, DC.

To APPLY and find out more information about the program, please visit www.hispanicheritage.org.

The DEADLINE to apply is Monday, October 2nd, 2017.

REGENERON SCIENCE TALENT SEARCH

The Regeneron Science Talent Search (Regeneron STS), a program of Society for Science & the Public (Society) is the

nation's most prestigious science research competition for high school seniors. Since 1942, the Society has provided a national stage for the country's best and brightest young scientists to present original research to nationally recognized professional scientists.

As the new school year approaches, we thought you might know a few students with great research project (from any year of high school) who deserve to be recognized for their work, and might be interested in a top prize of \$250,000. Interested students, and teachers, should [sign up here](#) to learn more.

The application opens on August 1, and will remain open until November 15, 2017 at 8pm ET. Three hundred entrants will be named scholars and will receive \$2,000 each; 40 finalists will be named, awarded \$25,000 each, and will be invited for a week long competition in Washington, DC in March of 2018. Check out this [story](#) on last year's top winner, Indrani Das, and the [highlights video](#) from 2017 to learn more about the amazing top 40 finalists—teens who are future leaders in STEM fields.

We hope to see your students apply this fall to the 77th Regeneron Science Talent Search.



PERRY OUTREACH PROGRAM ANNOUNCED



We're very excited to announce an upcoming Perry Outreach Program on Saturday, September 30, 2017 at Mayo Clinic Arizona in Phoenix, AZ. The Perry Outreach Program is a free, one-day, hands-on experience for high school and college-aged women who are interested in pursuing careers in medicine and engineering. Students will hear from women leaders in these fields and try it for themselves by performing mock orthopaedic surgeries and biomechanics experiments.

We are now seeking applicants for our Phoenix program. Participants should be women in grades 10 and up with an expressed interest in science, medicine and/or engineering. We would very much appreciate if you could pass this information along to any high school principals,

high school science teachers or high school students you may know. Applicants should be directed to fill out our online application in advance of the August 30, 2017 application deadline.



Additional information can be found on our website: www.perryinitiative.org

The application may be accessed directly using the following link:

<http://perryinitiative.org/programs/student-online-application/>

More information and a printable flyer for this event can be found [here](#). Please feel free to contact me directly with any questions you may have. Again, we sincerely appreciate your help in identifying qualified applicants for our program.

SENIORS EXPLORING ENGINEERING AT PURDUE (SEE PURDUE)!

This program is geared toward young women in their senior year of high school who have an interest in engineering.

- Date: Monday, October 16, 2017
- Time: 8:00 a.m. – 4:30 p.m., Eastern Time
- Place: Purdue University Campus, West Lafayette, IN

Please visit: <http://www.purdue.edu/WIEP> and look under the "Events" tab for further information or to register online to attend!



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/>