



FINAL STEPS TO THE FAIR!

FINAL PROJECT ADJUSTMENTS

If you have any final adjustments to your project, especially regarding the required paperwork, they must be emailed directly to Nadia Compton no later than **March 17, 2017**. **THIS INCLUDES REQUESTING ELECTRICITY FOR YOUR PROJECT.** As was noted in our last email, ARC has limited electricity available for the project demonstrations that request it. If you need electricity for your demonstrations (NOT for your laptop or your phone), please submit a request [here](#).

INFORMATION PACKETS

We are so excited to welcome everyone to the 2017 Fair! To make everyone's scheduling easier, we have developed some informational packets for attendees. Please click each link to view or download the appropriate packet for you!

[Student, Parent & Teacher Information Packet](#)

[Judge Information Packet](#)

[General Volunteer Information Packet](#)

[Exhibitor Information Packet](#)

FAQS - BEFORE THE FAIR

- 1. Have you completed your project registration?** You should have received an email notifying you that your project registration was submitted. You may have also received a request for additional forms or are awaiting SRC approval. These items need to be completed prior to the Fair; otherwise you may be held up in the registration line or worse!
- 2. What should the display consist of? What should not be included?** The best place to start to answer this question is to read our Items not allowed at your display document. See the Rules & Regulations for specificity. However, the big no-no's are anything potentially dangerous - hypodermic needles, diseased organisms, etc. - anything of great monetary value, anything large enough to infringe on Friday for project drop off and for display set up. Business attire is recommended and encouraged for the judging interviews and awards ceremony on Saturday, but is not required.
- 4. Is food provided?** Yes, the Student Breakfast is hosted by the Paton Group and a pizza lunch will be provided by Mountain Mike's Pizza. The Starbucks on campus will also open at 7:30AM for purchases. Bring some cash - ARC may open their snack bar in the gym hallway for students to enjoy!
- 5. Where's Project Drop Off?** Competition and Showcase Division project entries can be dropped off on Friday to make Saturday morning easier. Check-in is also open Saturday morning at different times, dependent upon your extension cord (MUST be three-pronged) and a surge protector.
- 6. Are souvenirs available for all?** Yes, commemorative pins will be provided to all student and volunteer participants. Commemorative pins and branded tote bags are also gifted as part of our "thank you" for donations. A donations table will be on site the day of.
- 7. When must a student be at the event?** A student MUST have their project set up by 8AM on Saturday in order to remain in the Competition Division, so they need to take advantage of either the Friday night drop off time or the Saturday morning time. A student MUST be available for student orientation and their judging interview on Saturday. It is recommended

2017 CALENDAR OF EVENTS

- March 3** - Final day to submit Project Adjustments
 - March 6** - Judging & General Volunteer registration closes
 - March 6** - Exhibitor Registration Due
 - March 24** - Project Drop Off and Set up day
 - March 25** - Sacramento Regional STEM Fair and College & Career Expo at American River College
- COUNTDOWN TO THE FAIR: 9 days!**

DONATE TO THE FOUNDATION WHILE SHOPPING FOR GROCERIES!

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. [See instructions on how to sign up here](#). It's all online and just takes a few simple clicks to support the Foundation!

ARE YOU A STATE WORKER LOOKING TO DONATE THROUGH "OUR PROMISE" (formerly CSECC)?

The donation website for "Our Promise" has been taken offline, but state employees can still make their donations the old-fashioned way! The Sacramento Regional Science & Engineering Fair Foundation (dba NorCal STEM Education Foundation) hopes you will elect to donate to our organization. We've even prepared the form for you with our information to make it simple. Use the Our Promise form with our information [here](#).

THANK YOU TO OUR SPONSORS

The NorCal STEM Education Foundation would like to thank



another exhibitor's space, Division. See Saturday's and live plants & animals. tentative schedule. Bring any tools needed to set up your project. If you have been I project. If you have been wear? Casual attire can be approved for electricity you worn may want to bring an

that all students participate in the College & Career Expo as well as the Awards Ceremony; however, these activities are not mandatory.

FAQS - THE DAY OF THE FAIR

1. Why is project check-in so important? Project check-in verifies that you will be present for judging on Saturday. Project check-in allows us to confirm table set up, project placement and the number of judges that are assigned to each category.

2. Is Student Orientation mandatory? Yes. Student Orientation is accompanied by Student Breakfast, sponsored by The Patton Group.

3. Do Judges review my project before my presentation? Judges are encouraged to view the projects from 8PM-9PM on Friday night and from 8AM-9AM on Saturday morning. Many judges only know the category that they will be judging and are not aware of what exact projects they will be judging. Do not assume your judges have read your project board. You may ask them politely if they had time or ability to preview yours.

4. What happens during judging? Only students and judges are present in the exhibit hall for judging on Saturday at 9AM. Students should be prepared to explain their projects and/or answer questions about it in 2 minutes or less. It can be helpful to outline a possible presentation in advance, but don't rely on it - we do not suggest reading a set speech. The student presentation should run about 2 minutes.

Total judging time is 6-8 minutes. Unfortunately, judges cannot spend more than this amount of time at any projects due to the number of projects entered. Graphs, pictures and models can be helpful in explaining the more complicated aspects of a project. Answer the questions to the best of your knowledge and remember to relax!

5. Why is Judging a closed-door session? Judging is a closed-door session. That means that parents, siblings and friends who are not also participating are not allowed in to the project halls during the hours judges are interviewing students. This is to allow students to feel pressure-free and ensure that they feel that judges can spend the time talking to the student about their project.

6. Can I take my project down before 4PM on Saturday? No, by signing the application for entrance to the Fair, you agree to have your project up for public display until Saturday at 4:00PM. If you cannot take your project down between 4:00PM-5:00PM on that Saturday, please have a classmate, teacher or other responsible party take charge of it.

FEEL FREE TO CONTACT US WITH MORE QUESTIONS - WE WILL POST THEM ONLINE TO HELP OTHERS AS WELL!



The Regional STEM Mentoring Program

Great minds follow great mentors! 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. The RSM program dedicates itself to opening the minds of students to pursue greater STEM careers with a passion for what they want to do. Students who go through the program emerge better equipped for the STEM workforce and their future careers! Please visit our website for more information and to sign up for this amazing experience:

[Learn about the Mentoring Program!](#)

THE 4TH ANNUAL COLLEGE & CAREER EXPO: 12PM-5PM

Thank you to our registered exhibitors! Fourteen exhibitors are registered so far for the College and Career Expo! Our fourth annual Expo will feature area colleges and



Capital Branch

for their continued and generous sponsorship of the STEM Fair and the Foundation!

We would also like to thank the Paton Group for sponsoring the Student Breakfast



Thank you all!

SCIENCE SPOTLIGHT

Color Changing Hair

Lauren Bowker is an up-and-coming master of the fashion world: a chemist, fashion designer, and the founder of a London-based material design studio, The Unseen, Bowker is a busy woman! Recently, while watching a movie, she was inspired by the idea of hair that could suddenly change color on a whim. Bowker took her knowledge of chemistry and engineered something fantastical - hair dye that will change color based upon the person's mood or their surrounding temperature! The Unseen currently has seven different color options, including: black to crimson red when the user blushes, white-blond that changes to icy blue at temperatures below sixty degrees, silvery grey to pastel pink, and even one that changes from red to green to blue.

The hair dye consists of a complex carbon-based molecule that undergoes a reversible reaction with itself. The scientists in Bowker's lab manipulated the chemical bonds in the dyes so that the molecules form more stable bonds in certain configurations at certain temperature ranges, and other configurations at different temperature ranges. The molecule configuration (often taught as "folding") will cause altered light absorption, allowing the dye to appear to be a new color at different temperatures. View the color changing hair dye here: [#seetheunseen](#)

SCHOLARSHIPS

UCD Young Scholars Program

The UC Davis Young Scholars Program is a summer residential research program designed to expose approximately 40 high achieving high school students to the world of original research in the natural sciences with emphases on the biological, environmental and agricultural sciences. Students must be currently enrolled as sophomores or juniors in high school. In addition to scientific research, the UC Davis Young Scholars Program strives to introduce participants to the climate and culture of living and working on a university campus.

Application Deadline: March 16, 2017

Click here for more details: [#UCDYongScholar](#)

organizations that promote STEM careers and education! The Expo will be held from 12PM-5PM on March 25th at American River College.

Interested in promoting your organization or business?

Sign up as a [Parent Programming Exhibitor](#) or [College & Career Expo Exhibitor](#) today!



Visionary Integration Professionals' Women in Technology Scholarship Program

Attention all college-bound women! If you're pursuing a career in computer science, information technology, management information systems, or other related fields, Visionary Integration Professionals (VIP) would like to invite you to apply for our annual Women in Technology Scholarship (WITS) program. VIP awards multiple scholarships of up to \$2,500 per recipient. We encourage qualified women to apply by downloading the application.

Application Deadline: March 7, 2017

For more information contact WITS@trustvip.com

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