



Inland Empire Section

Quarterly Section Report, June 2022

The Section 2021-2022
Officers:

Adriana Cardenas
Director

Reyna Baeza-Oregel
President

Omar Perez
President-Elect

Almabeth Anderson
VP Supervisory

Aaron Brady
VP Rank & File

Keith Elliott
VP at Large

Silvia Rivas
Secretary

JC Alvarez
Treasurer

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RSVP
Required!

WELCOME BACK!

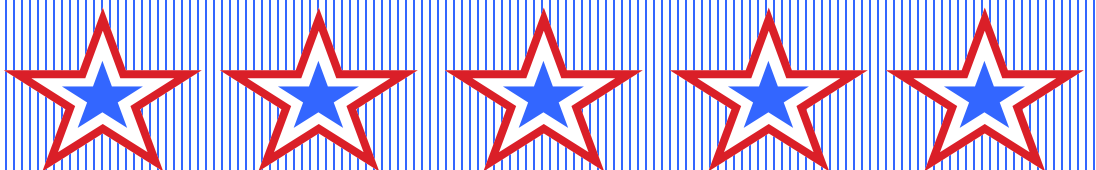
Join us for an IE PECCG member appreciation luncheon with special guest honoree Caltrans District 8 Director Michael Beauchamp as we wish him well in his upcoming retirement!



Tuesday April 26, 2022
11:30 am - 12:15 pm

District 8 - Basement Conference Room

Limited seating - reserve your spot [here](#) or scan QR code above



Welcome Back Meeting



Our Section had a “Welcome Back” meeting where our members were able to have lunch together and also get the latest PEGG information from our guest speaker Jesse Rodriguez. The meeting also gave members a chance to say “Happy Retirement” to our Director Mike Beauchamp, who is retiring with nearly 40 years of State Service!



Section Meeting-President's Information



President Reyna Baeza-Oregel, informed everyone of the upcoming Section Elections and talked about the openings that will be available for Members (Secretary, Treasurer, & VP At-Large, VP Supervisory) She also discussed the upcoming Picnic in July with nearby Sections Los Angeles and Orange County.

PECG PROFESSIONAL ENGINEERS IN CALIFORNIA GOVERNMENT

**2019
PECG
Inland Empire Section
President Elect**

NAME OF CANDIDATE: Adriana Cardenas
CLASSIFICATION: Transportation Engineer (Electrical)
DEPARTMENT OR AGENCY: Department of Transportation (Caltrans)
WORK LOCATION (CITY): San Bernardino
YEARS OF STATE SERVICE: 2 Years

WORK EXPERIENCE:
 1 Year and 4 Months in Electrical Construction
 1 Year and 7 Months in Electrical Design

PECG EXPERIENCE:
 Served as a Judge at the Science Fairs for the past three years.

CANDIDATE STATEMENT:
 Currently I am the Section Treasurer, where I ensure documentation of all purchases and bank account statements are complete and accurate with no exceptions. I have been my utmost priority to display in any formal document that it must be accurate before payment is made. In Section events, such as the PECCG meetings, I make sure that all expenses are under budget.

Apart from my responsibilities as Treasurer, I have organized Section activities such as the Science Fair for San Bernardino County and volunteered for phone banking for local PECCG supported candidates.

If elected, I will continue to help PECCG and provide support to other Section officers. I will hear your concerns and recommend actions to improve our Section. I would like to recruit more members to build a sense of togetherness and create something unique to our Section. It may seem farfetched, but I believe in our potential and the countless possibilities that we have. Also, I would like to bring more activities to our Section in which our members can volunteer to improve our communities within our Section.

Thank you for your time and consideration. I appreciate your vote.

Original Candidate Statements

COMPETITIVE PAY & BENEFITS • PENSION PROTECTION • JOB PROTECTION FROM OUTSOURCING

PECG!

PROFESSIONAL REPRESENTATION

Please Join Today

Delivers

BEST HEALTH CARE REIMBURSEMENT RATE



Section Mentoring



INLAND EMPIRE SECTION
PROFESSIONAL ENGINEERS IN CALIFORNIA GOVERNMENT

Mentoring Opportunities



The IE Section has teamed up with San Bernardino County Superintendent of Schools (SBCSS) - Alliance for Education to provide mentorship opportunities and will host a brown bag session to discuss current programs and how to get involved. Lunch will be provided for those in attendance via electronic gift cards. Register in advance for this meeting:

[https://us06web.zoom.us/meeting/register/tZrdevvpzoshN16SZNfiveQmledpEO1dGkE](https://us06web.zoom.us/join/https://us06web.zoom.us/meeting/register/tZrdevvpzoshN16SZNfiveQmledpEO1dGkE)

After registering, you will receive a confirmation email containing information about joining the meeting.

Micro-Internships

Micro-Internships are short-term assignments of 100 hours or more designed to provide a unique and varied group of students designed around industry needs (to help gain technical and general job experience).

Click on the image below to access the Micro-Internship Toolkit website.



April 13th, 2022, 11:30 a.m. to 12:00 p.m.

Virtual Meeting via Zoom!

Guest Speakers from SBCSS Alliance for Education will present the following topics:

- Engaging professionals and developing the workforce pipeline
- SBConnect Industry Chats
- Micro-internships
- STEMAPALOOZA
- JumpStart Programs

For questions regarding this event please contact

IE PECCG President - Reyna Baeza-Oregel

reyna.baeza-oregel@dot.ca.gov

Section Mentoring

PACIFIC HIGH SCHOOL

MISSION

Pacific High School provides meaningful, relevant, and rigorous opportunities to ensure all students graduate with the experience necessary to make a positive contribution in a global society. All students will be prepared to successfully think, act, and communicate in college, career, and life.



Student Learning Outcomes (SLOs) The 5 Cs

Effective Communicators who:

- ⚓ Develop effective presentation and communication skills
- ⚓ Convey ideas through coherent and focused writing
- ⚓ Defend positions with evidence-based statements that are appropriate in personal and professional settings

Complex Thinkers who:

- ⚓ Apply knowledge, skills, and experience to solve problems relevant to academic content and a broad spectrum of careers
- ⚓ Synthesize information, make connections, and draw conclusions
- ⚓ Persevere in solving problems

VISION

Pacific High School is an exceptional school, committed to preparing all students to be socially responsible, lifelong learners who will thrive in college and careers.

Collaborative Workers who:

- ⚓ Value the individual contributions made by each team member and understand how to build consensus for decision-making
- ⚓ Use social awareness and interpersonal skills to establish and maintain positive relationships
- ⚓ Demonstrate integrity, respect, and ethical behavior

College and Career ready Students who:

- ⚓ Participate in a Linked Learning academy to develop career readiness skills
- ⚓ Set and pursue realistic and challenging educational goals for learning, growth, and success
- ⚓ Exhibit regular attendance, appropriate appearance, and goal-driven behavior

Community Participants who:

- ⚓ Make a positive contribution in the school and community
- ⚓ Respect and encourage the contributions of others in learning and social interactions
- ⚓ Value diversity and demonstrate empathy



Mission Statement

In cooperation with our business partners, students will gain industry certifications, participate in work-based learning, and develop a digital portfolio of digital media projects. The 21st century skills gained in the Digital Design and Communications Academy will ensure students are prepared for college and careers and be civically responsible citizens and leaders.

Section member Tim Curran is serving as our Advisor to Pacific High School's Digital Design and Communications Academy, which prepares students to be socially responsible and lifelong learners in their college education and future careers.

Section Mentoring



Our Section has been supporting the Cal Poly Pomona Steel Bridge Team in their National Competition and they recently placed 4th overall!

Congratulations and good luck in their upcoming careers!

Section Mentoring-Upcoming Events



Live Event
(Limited Seating)
Oct. 6, 2022

STUDENT CONFERENCE
HYBRID
OCTOBER 6, 2022

On Demand
Oct. 7 - Nov. 3
2022

STEM prizes for
Virtual Leaderboard Engagement

Registration Opens: **Aug. 14, 2022**



We are very excited to welcome you and your students to STEPCON22, the premier student STEM conference in the Inland Empire! This Free Virtual Experience will feature a Science Show, Interactive Exhibitor Booths and Roundtable Discussions. You and your students will have an opportunity to meet science educators, scientists and engineers and enjoy thrilling presentations and demonstrations from a variety of exhibitors.



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Riverside, Ca 92507
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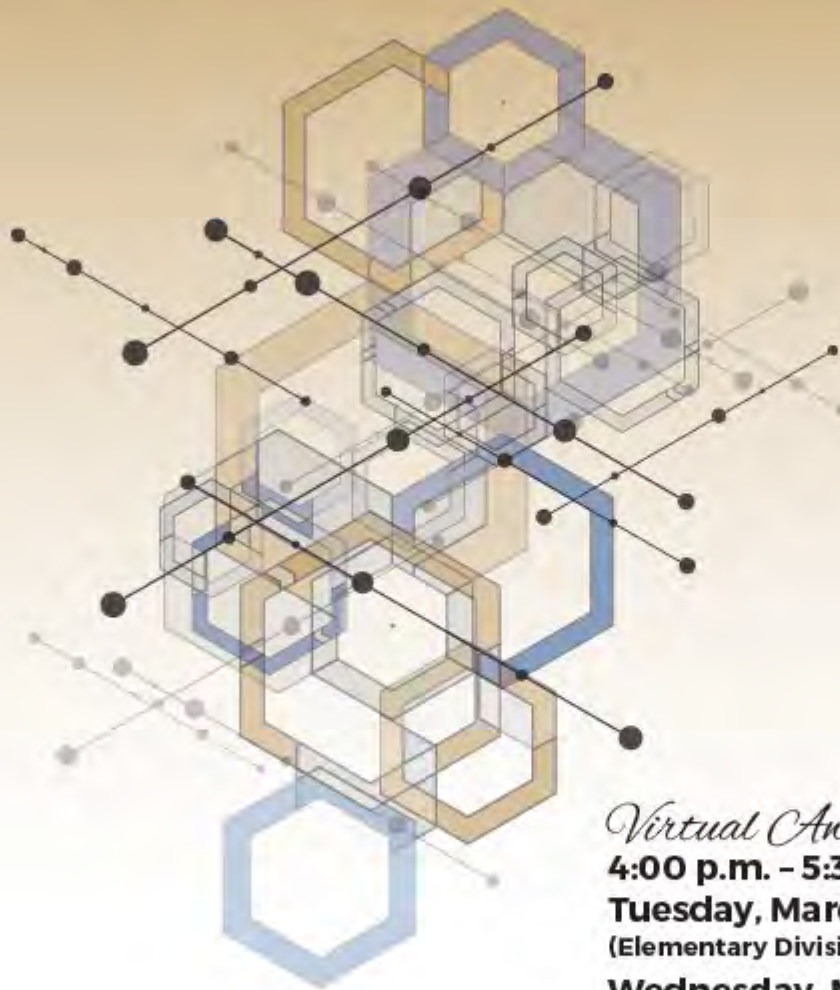
STEP
Post Office Box 21100
Riverside, CA 92516-1100
(708) 526-8781
step.stem@gmail.com



Science Fair



Riverside County SCIENCE AND ENGINEERING FAIR



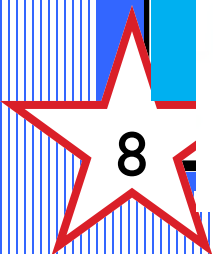
Virtual Awards Ceremony
4:00 p.m. - 5:30 p.m.
Tuesday, March 15, 2022
 (Elementary Division)
Wednesday, March 16, 2022
 (Junior/Senior Division)

ISEF Affiliate



SOCIETY FOR
SCIENCE & THE PUBLIC
Inform. Educate. Inspire.

Sponsored In Part by Professional Engineers In California Government



Science Fair

Inland Empire Professional Engineer

California Award (PECG)



Tenzing Carvalho

Western Center Academy

Renew, Reuse, Recharge: Reviving the Electrostatic Charges in N95 Respirators and Polypropylene Filters, Year Two

Award: \$750

Junior *Award Recipient*

Inland Empire Professional Engineer

California Award (PECG)



Isabelle Kong & Fupeng Zhao

Eleanor Roosevelt High School

A Hybrid of Motor Engines and Magnetism to Re-Innovate The Modern Car Wheel

Award: \$1,000

Senior *Award Recipient*

Powered by Zoom



Science Fair

San Bernardino | Inyo | Mono Counties Science & Engineering Fair Awards Ceremony

March 17, 2022 at 6:00 p.m.



REGENERON INTERNATIONAL SCIENCE & ENGINEERING FAIR (ISEF)

REGIONAL AWARDS



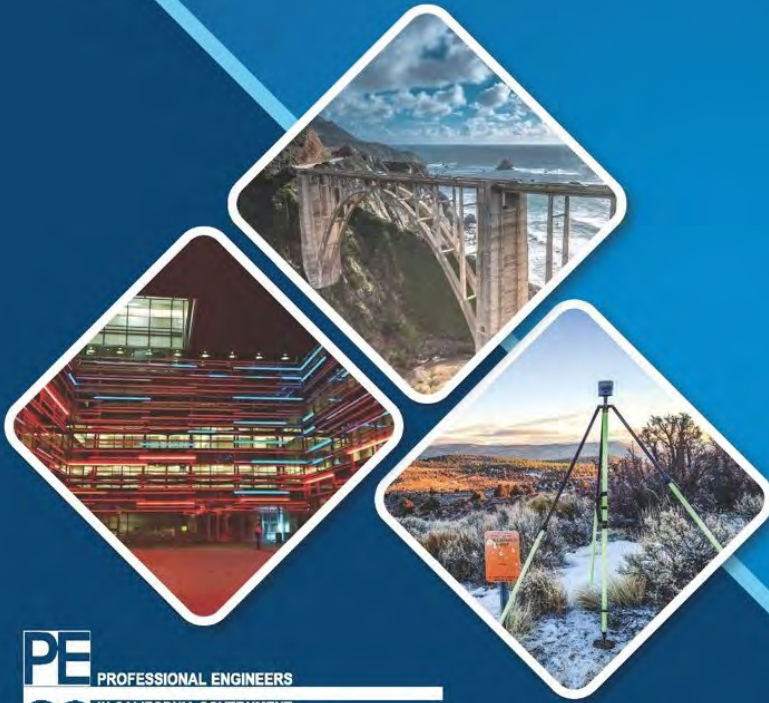
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AWARD



Science Fair

PECGG! Delivers!

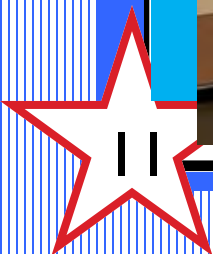
Congratulations students!



PE
CGG
PROFESSIONAL ENGINEERS
IN CALIFORNIA GOVERNMENT



Scott and Ferdinand accept a plaque honoring the Section for the continued support of the San Bernardino County Science Fair



Section Meeting-Retirements



Mike Beauchamp (see page 2)

Venyssa Lopez (above-right)

Ted Lui (above-left) from

Caltrans all retired recently. Venyssa and Ted had over 20 years of State Service and Mike had close to 40 years!



Please let PECG know if you will be retiring soon

