

SAN JOAQUIN ENGINEERS COUNCIL

A NON-PROFIT CORPORATION

AMERICAN PUBLIC WORKS ASSOCIATION
AMERICAN SOCIETY OF CIVIL ENGINEERS
AMERICAN SOCIETY OF HEATING, REFRIGERATING,
AND AIR-CONDITIONING ENGINEERS
SOCIETY OF WOMEN ENGINEERS

CALIFORNIA SOCIETY OF PROFESSIONAL ENGINEERS
INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
INSTITUTE OF TRANSPORTATION ENGINEERS
PROFESSIONAL ENGINEERS IN CALIFORNIA GOVERNMENT
AMERICAN COUNCIL OF ENGINEERING COMPANIES

2018 Newsletter

SJEC Celebrates its 50th Anniversary

The San Joaquin Engineers Council celebrated its 50th anniversary at its annual banquet in February of 2017. The 50th Engineer of the Year was named as well at the Distinguished Service Award recipient. One hundred and sixty people attended the festivities including twenty past recipients of the Engineer of the Year award and eleven past Distinguished Service Award recipients. A video was presented that honored all past recipients of SJEC's awards.

National Engineers Week

George Washington was a Land Surveyor. In his honor, Engineers Week activities generally take place in February, during the week that contains his birthday. This year Engineers Week will take place during the week of February 18th to the 24th.

The San Joaquin Engineers Council (SJEC) sponsors various programs promoting the role of engineering in today's society. Programs include:

- "Math Counts" competition for middle school students
- San Joaquin Delta College Engineering & Technology Day
- San Joaquin Engineers Council Scholarship and Awards Banquet

The SJEC will award scholarships to a number of high school seniors who plan to pursue careers in engineering. Interested students from high schools in San Joaquin, Calaveras, Stanislaus, Tuolumne, and Amador Counties were contacted and a number of applications were received. Finalists are chosen through an evaluation of their grades, community activities, and personal interviews.

SJEC may also award scholarships to community college students enrolled in an engineering curriculum who will be transferring to a four-year college to complete their education.

Engineer of the Year Award

Each year SJEC accepts nominations for the Engineer of the Year (EOY) Award. Nominees are registered engineers who have given freely of their time and services for the benefit of the Engineering profession and the community. A committee made up of past EOY

Award recipients makes the final selection. The Engineer of the Year will be honored at the SJEC Awards Banquet.

This year, the committee selected Tony Lopes of Siegfried Engineering. Mr. Lopes began his career with Bechtel Power Corporation in 1980 in San Francisco. In 1980, Mr. Lopes moved to Stockton and began working for Siegfried Engineering. In 1996, became a part Owner and in 2010, he was elected president, a position which he currently holds.

Distinguished Service Award

Each year SJEC accepts nominations for the Engineering Profession Distinguished Service Award. Nominees are individuals who have given freely of their time and services for the benefit of the engineering profession and the community.

This year's recipient is Chad Kennedy; Landscape Architect with O'Dell Engineering in Modesto Mr. Kennedy graduated from Brigham Young University and has been practicing Landscape Architecture since 2006. Mr. Kennedy's interests are in equal play opportunities for all including socially inclusive and sensory integrated play spaces designed to eliminate social, physical, sensory, and cognitive barriers from play.

Math Counts Competition



2017 MathCounts Participants

MathCounts is a statewide event sponsored by the California Society of Professional Engineers (CSPE). SJEC will conduct the MathCounts competition for 6th through 8th grade students in our area. SJEC provides trophies, refreshments, and lunches for all the participating students. Every MathCounts participant gets a MathCounts T-shirt. Winners receive trophies and a chance to compete at the State Competition and National MathCounts competition.

The competition will be held on Saturday February 3rd, 2018 from 8am-2pm at the University of the Pacific School of Engineering and Computer Science. This year we are expecting 10 schools to participate totaling 80-100 Mathletes! This is our biggest year yet. Schools participating are from all nearby counties including teams from San Joaquin, Calaveras, Mono, Stanislaus, and Tuolumne. SJEC would like to thank all the volunteers that have volunteered in the past and hope they can volunteer again. If you are interested in helping the MathCounts regional program, please contact Evangelina Paoluccio at 209-483-6344 or by email at Evangelina@IRIproducts.com. You can also contact Jasmine Noriega at J_noriega2006@yahoo.com. Hope to see you there!

Delta College Engineering Technology Day



Computer Drafting Competition

On Friday, February 9th, 2018, San Joaquin Delta College will be hosting its annual Engineering and Technology Day. SJEC is proud to help sponsor the event and provide proctors, judges, awards, and refreshments.

Approximately 150 high school students interested in engineering and technology will arrive at Delta College and participate in guided tours of the campus and career orientation programs. Teams of students will compete in a "Maze Machine" design project where a golf ball will travel a planned course, incorporating as many different lift mechanisms as possible, and return the ball to the starting point. Teams will be judged on total distance traveled, maximum change in vertical distance, and the number of different lifting mechanisms that operate successfully. Additionally, there will be a robotic vehicle competition requiring teams to program a robot to follow a designed path and avoid obstacles. Students will also compete in computer and hand drafting competitions.

On **Saturday, February 24th, 2018**, Delta College will also be hosting the regional SkillsUSA competition. This organization allows high school and community college students to compete in over 100 different leadership and skills competitions, and if successful, move on to State

and national competitions. If you are interested in assisting with this event, please contact Danell Hepworth at dhepworth@deltacollege.edu or 209-954-5285.

In the fall Delta College annually hosts a STEM Challenge, where middle and high school students participate in competitions for science, technology, engineering, and math (STEM).

SJEC Engineers Week Banquet



Steve Essoyan, 2017 Engineer of the Year

Scholarship recipients, the Distinguished Service Award recipient and the Engineer of the Year will be honored during the SJEC's annual Engineers Week Banquet.

Speeches given by the scholarship recipients have always proved to be entertaining and interesting. The speeches by the Engineer of the Year and the Distinguished Service Award recipient are always inspiring.

The Awards Banquet will be held on **Thursday, February 22nd, 2018**, at the De Rosa University Center at University of the Pacific. The cost is **\$48.00** per ticket for reservations received **before Feb. 9th, \$58.00** for reservations between **Feb 10th and Feb 16th**. Reservations received after Feb 17th will be **\$68.00**.

(See the attached form.)

No host cocktails at 5:30 PM.

Dinner at 6:30 P.M.

Choice of: Tri-tip with Marsala Sauce,
Maple glazed filet of Salmon, or
Butternut Squash Lasagna (Vegetarian)

Please return your RSVP, along with payment and your dinner choice to SJEC as soon as possible. Questions may be directed to Larry Test at (209) 948-2081 tres@sjec-ca.org. On-line reservations and donations may be made at www.2018sjecbanquet.eventbrite.com.

Mail your checks with dinner choice to:

SJEC
c/o Larry Test
PO Box 4561
Stockton, CA 95204

Please remember that a reservation is a financial commitment and those no-shows will be billed and that reservations received **after February 19th** cannot be guaranteed.

Scholarship Contributions

SJEC's Scholarship Award Program is unique. There is no other similar organization where engineers and allied professionals come together to support students wishing to pursue an engineering education.

SJEC's only source of financial support for scholarship awards given to students and its other activities is contributions from engineers, businesses, contractors, individuals, and allied professionals.

Since 1979, SJEC has awarded over \$284,000 in scholarships to 248 deserving students. In 2017, SJEC awarded seven scholarships totaling \$14,000. SJEC and its member organizations represent 1,200 engineers, design firms, and allied professionals.

Currently, SJEC awards three classes of scholarships, 1) SJEC's General Scholarships, 2) one Wilson Sanguinetti Scholarship, and 3) one Robert Skaggs Memorial Scholarship.

We would like to expand our scholarship program to grant more and larger awards. Obviously, this will require additional and larger contributions. We have set up five classes of contributions:

Angel	\$1,000 and more
Sponsor	\$500 to \$999
Benefactor	\$250 to \$499
Patron	\$100 to \$249
Friend	up to \$99

If each engineering firm contributed \$500 and each individual contributed \$25, we could really make a difference for these students.

SJEC asks you to join us in supporting this very worthy cause. Contributions of any amount, from individuals and business, will be greatly appreciated.

Contributions to SJEC are tax deductible. Please make checks payable to SJEC and mail them to:

SJEC Scholarship Fund
C/o Larry Test, Treasurer
PO Box 4561
Stockton, California 95204

Contributors to the SJEC Scholarship Fund are acknowledged in the Awards Banquet Program. Special recognition will be given to our Angels and Sponsors.

SJEC General Scholarship Fund

The following societies, firms, and individuals made generous contributions in 2017 to SJEC's General Scholarship Fund":



2017 Scholarship Recipients

Angel (\$1000 & Up)

American Public Works Association Sacramento, American Council of Engineering Companies, George Campbell, Valimet Inc., Kjeldsen Sinnock & Neudeck Inc., Professional Engineers In California Government, American Society of Civil Engineers Central, and Camilla Saviz

Sponsor (\$999 to \$500)

Neil Anderson, Kleinfelder Inc., Noteware & Associates, and Siegfried Engineering Inc.

Benefactor (\$499-\$250)

Patron (\$249-\$100)

Gary Litton, Danell , Hepworth, Gary Tsutsumi, Gary Martin, Jack Ronsko, James Morgali, Ahmad Haya, Loretta (Douglas) Wilson, Said Shakerin, Scott Larwood, John Paoluccio, Kevin Seeman, Bobby Biffel, N. O. Anderson & Associates, Ravinder Jain, Irvin Dale Dunmire, Richard Prima, Robert Hamernik, and Steven Swain.

Friend (up to \$99)

Paul Sensibaugh, Denzle Thompson, Nader Shareghi, Harpal Singh, Kenneth Steele, Ronald Weldum, Charles R. Leitzell, Albert Frausto, David Fletcher, Wong Engineers, Inc., Ruth (George) O'Dougherty, and Judith Buethe Communications.

Wilson/Sanguinetti Scholarship Fund

The following Firms and individuals contributed to the Wilson Sanguinetti Scholarship fund in 2017:

Loretta (Douglas) Wilson, Knife River Construction, Miller Keplinger, Paul Sensibaugh, John Paoluccio, Kjeldsen Sinnock & Neudeck Inc., Wong Engineers, Inc., Harpal Singh, Kenneth Moeckel, Helmut Haas, Nader Shareghi, and Todd Greenwood.

Robert Skaggs Memorial Scholarship Fund

The following firms and individuals contributed to the Robert Skaggs Memorial Scholarship fund in 2017:

Skaggs Family Trust, John Paoluccio, Kenneth Steele, Kjeldsen Sinnock & Neudeck Inc., Nader Shareghi, Harpal Singh, Ahmad Haya, Camilla Saviz, Gary Litton, Knife River Construction, and Condor Earth Technologies, Inc

Wilson/Sanguinetti Endowment

The Wilson/Sanguinetti Endowment was established by CSPE in the honor and memory of Doug Wilson and Al Sanguinetti. Both of these men played a major role in the Engineering community in Stockton.

SJEC continues to grow the Endowment so that it will be a perpetual source of scholarships for high school students. If you would like to contribute to the Fund in addition to your SJEC contribution, please include it with your dinner reservation or send it to

SJEC W/S Endowment
c/o Laurence Test, Treasurer
PO Box 4561
Stockton, California 95204

SJEC thanks all those who contributed to the Endowment in 2017: Russell Greenlaw, Loretta (Douglas) Wilson, Miller Keplinger, John Paoluccio, Kjeldsen Sinnock & Neudeck Inc., Nader Shareghi, Carolyn Sanguinetti, and Todd Greenwood.

Sensibaugh / UOP Endowment

The Paul Sensibaugh / UOP Endowment was established by and is maintained by the University of Pacific to assist local students attending UOP.

The following firms and individuals contributed to the Sensibaugh / UOP Endowment in 2017:

Ahmad Haya, Henry Hirata, John Paoluccio, Camilla Saviz, Kjeldsen Sinnock & Neudeck Inc., Loretta (Douglas) Wilson, Nader Shareghi, Harpal Singh, Edwin Pejack, and Gary Litton

Silent Auction & Raffle

A raffle and silent auction will be held during the Awards Banquet. Raffle tickets will be \$1.00 each or six for \$5.00. Proceeds of the silent auction and raffle will be added to the Wilson/Sanguinetti Endowment Fund.

Among the items in the 2017 auction and raffle were Water Color Paintings, many fine Wines, Stockton Hockey Night, USB Charging Station, Michael David Winery Gift Certificate, University of Pacific Gift Bag, and a Night on the Town in Davis, Golf Basket, a Kindle, and several Gift cards.



Raffle and Auction Items

Additional thanks go to Bank of the West, Bob Hamernik, Drake Haglan, Klinker Brick, Larry Test, Lori Wilson, Mayaco, Nader Shareghi, NV5, UOP, and West Yost

Order of the Engineer and the Pledge of the Computing Professional

The School of Engineering and Computer Science at University of the Pacific is pleased to announce that it will once again sponsor the annual Pacific Link of the Order of the Engineer installation ceremony. The Order of the Engineer is an organization that seeks to promote professionalism, and is founded upon the following two principles:

1. The prime purpose of engineering is to serve the public, and;
2. All members of the engineering profession share a common bond.

The University will hold the Pledge of the Computing Professional in conjunction with the Order of the Engineer. All professionals in the community who have a bachelor's degree in engineering or computer science are welcome to participate.

The event is planned for Tuesday, Feb 20th, at 5:00 p.m., in the DeRosa University Center Ballroom. If you are interested in participating, please contact Stacey Nunes at 946-3905 or snunes@pacific.edu by February 15th.

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SUBJECT: REQUEST FOR DINNER RESERVATIONS AND SCHOLARSHIP DONATIONS

Dear Fellow Engineers, Scientists, and Contractors:

The San Joaquin Engineers Council's Engineer's Week Banquet is scheduled for Thursday, **February 22, 2018** at the DeRosa University Center on the University of Pacific campus in Stockton. Once again, we will award scholarships to future engineers and present the Engineer Of The Year and Distinguished Service Award recipient. I want to thank you for your past support and ask that you once again help with donations that go directly to scholarships. Last year, we raised \$14,000 to award scholarships to seven graduating high school students to enroll in engineering programs. We hope that you can match or increase last year's donations.

The Banquet starts at 5:30 pm with dinner served at 6:30 pm. Reservations received on or before Feb 9 are \$48, reservations received between Feb 10 and 16 are \$58, reservations received after Feb 16 are \$68 and dinner choices are not guaranteed.

Reservations may be made by sending the reservation form below, along with a check for your payment made payable to SJEC, to SJEC at PO Box 4561, Stockton, CA 95204. Reservations may also be made online at <http://www.2018sjecbanquet.eventbrite.com>. Please contact Larry Test for information on RSVP's and about donations and payment at tres@sjec-ca.org or (209) 948-2081.

This is an opportunity to join in on a good meal and good friendship and meet past recipients of our awards. Please reserve your table (or seat) by returning your reservation form and payment to the address shown below. If you cannot attend, please consider sponsoring a student and their family. Any monies received over the cost for dinner will go directly to the scholarship fund.

Thank you in advance for your kind participation.

Sincerely,

Luis Torres, 2018 Chair

 Please Detach and Return

Name: _____
(Please Print) Last First Middle

Address: _____

City/State/Zip: _____ E-mail: _____

Company: _____ Phone: () _____ - _____

YES, I will be attending and will bring _____ guest(s) at \$48.00 / \$58.00 / \$68.00 per participant \$ _____

Dinner Entrée Selection & Quantity:

_____ Beef Tri-Tip _____ Filet of Salmon _____ Vegetarian (Butternut Squash Lasagna)

YES, I would like to sponsor _____ student(s) and/or their families and have enclosed \$ _____

YES, I would like to make a scholarship donation for (Check all that apply):

SJEC General Scholarship Fund \$ _____ Robert Skaggs Memorial Scholarship Fund \$ _____

Wilson/Sanguinetti Scholarship Fund \$ _____ Paul M. Sensibaugh/UOP Endowment Fund \$ _____

Wilson/Sanguinetti Endowment Fund \$ _____ Other : _____ \$ _____

Please Make Checks Payable to SJEC and Mail to SJEC PO Box 4561, Stockton Ca 95204