

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

2017 Newsletter

SJEC Celebrates its 50th Anniversary

The San Joaquin Engineers Council will celebrate its 50th anniversary at its annual banquet to be held in February of 2017. The 50th Engineer of the Year will be named as well as this year's Distinguished Service Award recipient. All living past recipients of the Engineer of the Year, as well as this year's Distinguished Service Award recipients have been invited to attend the festivities, about 48.

In 1966, several engineers from differing disciplines got together to form a social group, to assist students wishing to become engineers, and to honor an engineer that made contributions to the Engineering community. The group called themselves the San Joaquin Joint Engineers Council. Later the name was changed to San Joaquin Engineers Council during incorporation as a non profit Corp.

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 21st to the 27th.

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 Steve Essoyan of Knife River Construction. Mr. Essoyan began his career with DSS Company in 1984 and has held various positions at DSS and its successor Knife River Construction, including estimator, project manager, chief estimator, executive vice president, president, and currently Regional President.

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 there are two recipients of the Distinguished Service Award and they are Evangelina and John Paoluccio. Evangelina Paoluccio is a Registered Civil Engineer and has been involved with the MathCounts competition since 2009 and has acted as co-chair of the silent auction and raffle held during our annual banquet. John Paoluccio is a Mechanical Engineer and the President of Inventive Resources, Inc. that manufactures products for storm water pollution control and sewer odor elimination.

Math Counts Competition



2016 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.

Last year our MathCounts student from Monte Vista Middle School, Wentinn Liao placed 2nd place in the National Team (out of 50 teams representing each State!) and twelfth overall out of 224 Mathletes!

The competition will be held on Saturday **February 4th 2017** from 8am-2pm at the University of the Pacific School of Engineering and Computer Science. This year we are expecting teams from San Joaquin, Calaveras, Mono and Tuolumne counties. SJEC thanks all those who have participated in the past and hope that this year you can volunteer too. 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.

Delta College Engineering Technology Day



Computer Drafting Competition

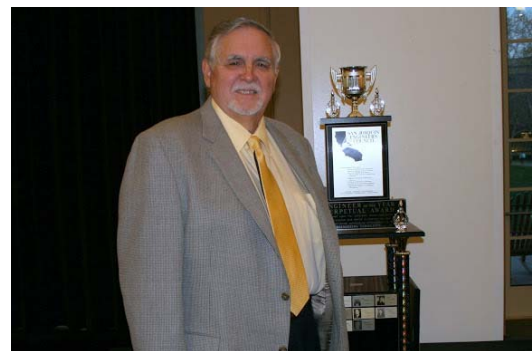
On Friday February 3, 2017, San Joaquin Delta College will host its Engineering and Technology Day. SJEC is proud to sponsor this event providing graders, proctors, awards, and refreshments.

Approximately 125 high school students interested in engineering and technology will arrive at Delta College and participate in career orientation programs. Teams of students will compete in a "Delta Cube" design project where a ping pong ball introduced on one side of the cube will have to touch all of the six inside surfaces and exit on the opposite side. Additionally, there will be a robotic vehicle project and students will compete in computer and hand drafting competitions.

On Saturday, February 11, 2017, 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 skill 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



George Campbell, 2016 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 23rd, 2017**, at the De Rosa University Center at University of the Pacific. The cost is **\$48.00** per ticket for reservations received before Feb. 13th; **\$58.00** for reservations between **Feb 14th and Feb.17th**. 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
Spaghetti squash "bowl" (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.

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 22nd** 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 a quarter of a million dollars in scholarships to 233 deserving students. In 2016, SJEC awarded 5 scholarships totaling \$10,000. 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 2016 to SJEC's General Scholarship Fund":



2016 Scholarship Recipients

Angel (\$1000 & Up)

American Public Works Association Sacramento Section, American Council of Engineering Companies, Siegfried Engineering Inc., Valimet, Inc

Sponsor (\$999 to \$500)

Kjeldsen Sinnock & Neudeck Inc, Professional Engineers In California Government, N. O Anderson a Terracon Co., Kleinfelder, Inc.

Benefactor (\$499-\$250)

Warren Doug Noteware, Peterson Burstad, Inc., Blackburn Consulting

Patron (\$249-\$100)

Gary Tsutsumi, Thomas Rut, James Morgali, Lori Wilson, Christopher Neudeck, Paul Sensibaugh, Gary Martin, Scott Larwood, Danell Hepworth, Nader Shareghi, Jack Ronsko, Gary Litton, Lori Wilson, Said Shakerin, West Yost Associates, Oliver John Partners, Ahamd Haya, Neil Roque.

Friend (up to \$99)

Inventive Resources Inc., Kenneth Steele, Harpal Singh, Michael Hutchison, Albert Frausto, Charles Leitvell, Peterson Burstad, Inc., John Larson.

Wilson/Sanguinetti Scholarship Fund

The following Firms and individuals made contributions to the Wilson Sanguinetti Scholarship fund in 2016:

Carolyn Sanguinetti, Lori Wilson, Knife River Construction , Miller Keplinger, Paul Sensibaugh, Kjeldsen Sinnock & Neudeck Inc., Wong Engineers, Harpal Singh, Camilla Saviz, Irvin Dunmire, Inventive Resources Inc., Ken Moeckel.

Robert Skaggs Memorial Scholarship Fund

The following Firms and individuals made contributions to the Robert Skaggs Memorial Scholarship fund in 2016:

Skaggs Family Trust, BSK Associates Engineers & Laboratories, Kenneth Steele, Kjeldsen Sinnock & Neudeck Inc., Inventive Resources Inc., Nader Shareghi, Harpal Singh.

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 make a contribution 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 made contributions to the Endowment in 2016:

Russell Greenlaw, Helmut Haas, Inventive Resources Inc., Lori Wilson, Miller Keplinger, Kjeldsen Sinnock & Neudeck Inc., Nader Shareghi.

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 made contributions to the Sensibaugh / UOP Endowment in 2016:

Camilla Saviz , Harpal Singh, Kjeldsen Sinnock & Neudeck Inc., Lori Wilson, Nader Shareghi, Ahmad Haya, Henry Hirata, Inventive Resources Inc. Robert Hamernik.

Silent Auction & Raffle

A raffle and silent auction will be held during the Awards Banquet. The silent auction will feature fine wines, artwork, and other gifts donated by various business and individuals. Raffle tickets will be \$1.00 each or 6 for \$5.00. Proceeds of the silent auction and raffle will be added to the Wilson/Sanguinetti Endowment Fund.

Among the items in the 2016 auction and raffle were a Bird House, four Water Color Paintings, a Wine Gift Basket, several fine Wines, an Amazon Kindle Fire HD, a Pacific Gift Basket, a tool box, a Night On The Town In Davis, a Wine & Pasta Gift Basket, a Starbucks Gift Card and a Bluetooth speaker.



Raffle and Auction Items

Additional thanks go to Inventive Resources Inc, Larry Test, Robert Hamernik, Nader Shareghi, Drake Haglan & Associates, the University of Pacific, West Yost Associates, Nolte Vertical 5, Inventive Resources, Tony Martin, Paul Sensibaugh, Viji Sundar, Harris and Associates and Severn Trent Services.

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 21st at 5:00 p.m. in the DeRosa University Center Ballroom. If you are interested in participating please contact Kitty Gilbert at 946-3905 or kgilbert @pacific.edu by February 16th.