



# SOCIETY OF AMERICAN MILITARY ENGINEERS SACRAMENTO POST NEWSLETTER

[www.samesacramento.org](http://www.samesacramento.org)

Volume 5 Issue 4

Spring 2016

## Upcoming Events:

### 23 May 2016

General Meeting  
Topic: 2016 Scholarship  
Award Dinner/ Officer  
Installation

### 6 June 2016

SAME Sacramento  
Golf Tournament

See [samesacramento.org](http://samesacramento.org) for details and more upcoming events.

To be notified by email of upcoming SAME events and announcements, please send a request to [info@samesacramento.org](mailto:info@samesacramento.org)

## In this Issue:

Post Awarded Streamers with Distinction	1
January Meeting Summary	2
Evening with Industry	3
Readiness Committee Update	3
August Symposium Coming Up	4
Golf Tournament Information	5-7
Membership Report	8
Sustaining Member Firms	9

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## Sacramento Post Awarded Three Streamers with Distinction by National

*by Sarah McIlroy, Post Director, Stantec*

SAME National recently announced streamer results for 2015. Streamers are essentially “goals” set by National for Posts to achieve during each calendar year. Based on applications submitted by each post, National recognizes Posts who achieve the goals and also recognize an extra level of achievement as “with distinction”. The three streamers the Post was awarded for 2015 are:

- Education and Training
- Leadership and Mentoring
- Relationships and Recognition

Our Post was awarded the streamers “with distinction” meaning that the Post completed all the activities recommended by National. Each streamer award is the result of carefully planned activity by the Sacramento Post Board of Directors and Committee Members and dedicated time and effort to execute each activity and event.

The Education and Training streamer goals for example include the lunch meeting programs and site visits that provide technical information and PDH units and our programs to assist engineers with certifications and higher degrees.

The Leadership and Mentoring streamer goals include our mentoring workshops for young and student members such as the STARBASE mentoring, sending young members to training conferences, our K-12 outreach and support of the Science, Technology, Engineering and Math programs at the high school level, and much more.

The Relationships and Recognition streamer goals include the publishing of this newsletter, maintenance of a web site, email communications, and a solid program to recognize and reward excellent and selfless contributions from Post members to meet Post goals.

Membership is asked and encouraged to get involved by contacting a member of the SAME Post leadership group, found on the web site, and expressing your area of interest.



## Over 20 Speakers Scheduled for the SAME Training and Business Opportunities Symposium August 30-31, 2016

*By David O. Cook, PE, PMP, F.SAME; GENTERRA Consultants Inc, Conference Chair*

This summer your Post is planning a two-day symposium with the theme: Infrastructure and Resource Resilience: Preparing for the Future. The Sacramento Post will be co-host with the San Francisco Post. The Symposium will be held August 30-31 at the Harper Alumni Center on the campus of California State University Sacramento. Updates and a registration link will be on the Sacramento Post web site by mid-June at [www.samesacramento.org](http://www.samesacramento.org).

Over 20 speakers are expected to share their expertise during the two-day event. The symposium will consist of technical and business opportunity presentations on Tuesday and Wednesday with a networking event on Tuesday evening and a local restaurant. There is a separate admission for each of these three events, so you can pick and chose what you have time and interest to attend.



*Kris Tjernell, Special Assistant for Water Policy, CNRA*

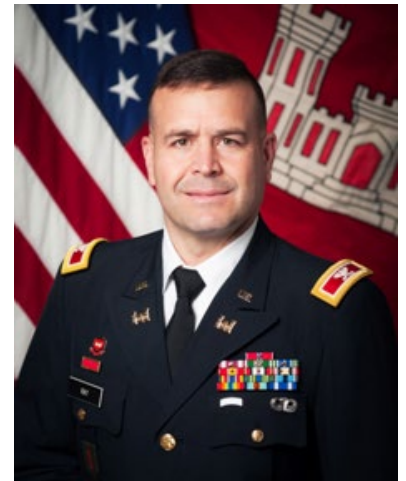
attendees on the California Water Action Plan. The full day of presentations will drill into the details on legislative actions, funding sources, sustainable groundwater management, flood management programs, levee safety programs, desalination, recycling and environmental restorations. The lunch speaker will present the sometimes humorous task of communication of resilience to the general public.

Wednesday will be dedicated to mega-projects and military programs. Attendees will be updated on the

Tuesday's presentations will focus on resource resilience with emphasis on water management and sustainability. Gov. Brown appointee, Kris Tjernell, special assistant for water policy at the California Natural Resources Agency, will provide an overview for the

California Water Fix project and the ongoing Isabella Dam Improvements. Construction of the California High Speed Rail is increasing in intensity and an update for our attendees from two key authority personnel is planned.

The USACE District Engineers from Sacramento, San Francisco, and Los Angeles will be on hand to brief their plans. The new District Commander for the Sacramento District is invited. If you have not met COL Ray, do plan to attend the symposium to meet him.



*COL. David Ray, District Commander, U.S. Army Corps of Engineers, Sacramento District*

We are honored that Brigadier General (CA) Frank D. Emanuel, Director, Facilities and Infrastructure California Military Department (Army, Air, State Military Reserve, Youth & Community Programs), is available to brief us on the expansion of his program. Do not miss his discussion on new facilities planned for the guard.



*Scott Jarvis, Chief Engineer, CHSRA, will address the 2016 SAME Training and Business Opportunities Symposium*

The symposium will provide training content for our technical career track attendees. Industry experts will speak on topics of special interest including energy-efficient building design, dam mechanical designs, incorporating

*(continued on page 3)*

## Symposium (cont.)

(continued from page 2)

the use of drones, dredging and more. Check the agenda and updates for additions and subtractions.

Exhibits will be available for viewing and a few surprises are planned. Don't miss the SAME 2016

Training and Business Opportunities Symposium, our biggest event of the year. For questions and comments please contact David Cook, Conference Chair at 530-558-5697, [dcook@genterra.com](mailto:dcook@genterra.com).

## January Flood Control and El Nino Meeting Summary

*Sarah McIlroy, Stantec, SAME Sacramento Post Director*

On January 28, 2016 nearly 90 SAME members and friends convened at the Old Spaghetti Factory in Sacramento to discuss Flood Control and El Nino. The meeting began with Pete Ghelfi, Director of Engineering of the Sacramento area Flood Control Agency, and Mike Bessette, Director of Engineering with the Sutter Butte Flood Control Agency, providing overviews of their programs and projects.

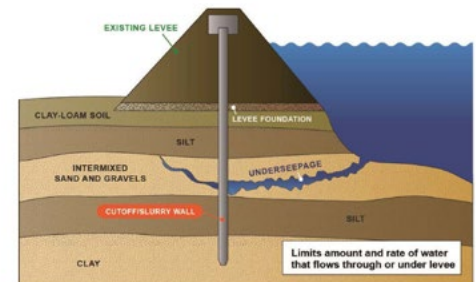
Mr. Ghelfi provided background on the history of flooding in Sacramento and the Sacramento River flood control system. He provided an overview of the SAFCA's programs and the goal of establishing 200-year flood protection. Projects include the Natomas improvements, the Folsom Dam Joint Federal Project, and the South Sacramento Streams project.

Mr. Bessett provided an overview of SBFCA and their current projects. The Feather River West Levee project includes 37 miles of levee repairs and will provide a 200-year level of protection. The project is supported not only by SBFCA as a local agency, but also the US Army Corps of Engineers and the State Central Valley Flood Protection Plan.

Fitting to the topic, just before Dirk Verdoorn of KRCA stepped up to the podium, a nice squall moved through with some large rain drops! Dirk educated us on the Southern Oscillating Index and "wowed" us with several graphs and charts showing predictions for a rainy winter. Indeed El Nino arrived this winter!

### KEY DESIGN FEATURE: CUTOFF WALLS

- Mitigate through and underseepage issues
- Maintain existing levee geometry
- Reduce required right-of-way



**SLURRY WALL**



Aging Levee System



Erosion Protection

## Sacramento State University Evening with Industry

*Mike Conrad, Sapper West, SAME Fellow*

On 28 March 2016, the Sacramento Post of the Society of American Military Engineers (SAME) hosted a Student Members Forum at the Sacramento State University Alumni Center. This forum was entitled an "Evening with Industry" and replicated the much larger and popular event that the College of Engineering and Computer Sciences conducts on an annual basis in this same venue. The intent of the forum was to provide professional and transitional information to our Sacramento State University SAME Student Post members. In addition, informal sessions were held both in groups and at tables to allow our attending professional members to provide personal mentorship to the students.

The event attracted over 50 attendees and 30 of them were student post members. The vast majority of our student post members are seeking engineering degrees and many are veterans as well. As a bonus, the Chair of Sacramento State

University Civil Engineer Department, Dr. Ben Fell, hosted the event. Dr. Fell is an ardent supporter of SAME and our Sacramento State University student post.

The 'Evening with Industry' event included 3 speakers. The first speaker was Ms. Stacey Bennett-Lynch, PE. Ms. Bennett-Lynch is a Sacramento State University graduate and is currently part-owner, project manager, and marketing director for Bennett Engineering. Our next speaker was Mr. Sean McNeil. Mr. McNeil is a veteran and has worked for several local engineering firms. The last speaker was 1LT Bryan Edwards, who is a mechanical engineer with many years of experience, but is currently working in the CA National Guard's Work For Warriors program.

The common themes from all 3 of our speakers were communication, networking, certification, and lifelong learning.

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## Readiness Committee Update

*Sean McNeil, SAME Sacramento Post Readiness Co-Chair*

The Sacramento Post SAME Readiness is group is forming and already has approximately 10 members. The Readiness group is currently focused on creating a new vision for the group to align with today's Readiness and Resilience challenges. The Readiness group will be charged with ensuring the National SAME streamer requirements for resilience are met while integrating with the local emergency management community and providing assistance and expertise where needed. If you are interested

in attending readiness committee meetings and/or helping to develop the group and lead any number of technical areas, please email me (stmneil@yahoo.com) and I will add you to the groups meeting invite list. Any companies who want to get on the Sacramento Post Member Firm Readiness Capabilities Brochure also email me for a template and send it back filled out. We hope to update the brochure just after the California Shakeout exercise.



Join the 'SAME Southwest Region Group' on LinkedIn to get the latest updates on SAME as well as connect with other SAME members in your area. The Southwest Region includes eight Posts and associated Field and Student Chapters throughout California and Nevada.

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**SAME SACRAMENTO POST SCHOLARSHIP FUND**  
**2016 ANNUAL GOLF TOURNAMENT - 6 JUNE 2016**

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**REGISTRATION NOW OPEN!**

[www.samesacramento.org](http://www.samesacramento.org)

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**CATTA  
VERDERA**  
COUNTRY CLUB



1111 CATTA VERDERA COUNTRY CLUB  
LINCOLN CALIFORNIA 95648

The 2016 SAME Sacramento Post Scholarship Fund – Annual Golf Tournament is fast approaching. Do not miss your chance to help our future engineers and be a part of this great networking event.

A wide variety of sponsor opportunities are available. This is an excellent opportunity to promote and provide visibility to your firm. Please see the attached flyers for event and sponsorships opportunities.

The event will include green fees, golf cart, range balls, box lunch, beverages on the course, and dinner. Mulligan and Raffle tickets will be available for sale during the event. Contests included in the day's events will be Closest To The Pin, Long Drive, Accuracy Drive, Long Put, Longest Drive, and a variety of other fun games presented by the sponsors.

***Thank you in advance for your support!***

We look forward to spending the day with all of you. Don't miss out on this great opportunity to help local students become the future of the engineering and environmental world.

Sincerely,

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***2016 SAME Sacramento Post Scholarship, Annual Golf Tournament Committee***

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# SAME SACRAMENTO POST SCHOLARSHIP FUND 2016 ANNUAL GOLF TOURNAMENT

## Catta Verdera Country Club, Lincoln, California

### BECOME A SPONSOR - HELP MAKE THIS EVENT A HUGE SUCCESS

<b>Title Sponsor</b>	<b>\$5,000</b>
<ul style="list-style-type: none"> <li>• Table and tent with company logo banner at central starting area (will be seen throughout the day)</li> <li>• Refreshment Sponsor with premium beverage stop location at 1st and 10th hole tee area</li> <li>• Each dinner table will display company logo</li> <li>• 4-Complimentary Registrations</li> </ul>	
<b>Dinner Sponsor</b>	<b>\$3,000</b>
<ul style="list-style-type: none"> <li>• Company logo displayed in dining room at buffet table and on each dinner table</li> <li>• 4-Complimentary Registrations</li> </ul>	
<b>Lunch Sponsor</b>	<b>\$2,500</b>
<ul style="list-style-type: none"> <li>• Company logo on each lunch bag</li> <li>• 2-Complimentary Registrations</li> </ul>	
<b>On-Course Tent &amp; Refreshment Sponsor</b>	<b>\$1,800</b>
<ul style="list-style-type: none"> <li>• Table and tent with company logo banner at prime tee area (will be seen throughout the day)</li> <li>• Opportunity to provide your own fun, networking, &amp; additional refreshments that reflect your company's personality</li> <li>• Location of golfer beverage stop (1 of 6 locations on course)</li> <li>• 2-Complimentary Registrations</li> </ul>	
<b>Breakfast Sponsor</b>	<b>\$1,500</b>
<ul style="list-style-type: none"> <li>• Company logo displayed at bagels &amp; coffee table during registration</li> <li>• Sponsorship enthusiastically announced</li> </ul>	
<b>1st Drink Sponsor (Dinner)</b>	<b>\$1,500</b>
<ul style="list-style-type: none"> <li>• Company logo displayed at beverage station in dining room</li> <li>• Sponsorship enthusiastically announced</li> </ul>	
<b>Putting Contest Sponsor - Mulligan's</b>	<b>\$1,500</b>
<ul style="list-style-type: none"> <li>• In charge of putting contest and Mulligan's</li> <li>• Company logo displayed at putting green</li> </ul>	
<b>Hole-in-One Car Sponsor</b>	<b>\$1,500</b>
<ul style="list-style-type: none"> <li>• Company logo displayed on course with car (Hole-in-one prize)</li> </ul>	
<b>"Small Business Set-Aside" - Golf Cart Sponsorship</b>	<b>\$750</b>
<ul style="list-style-type: none"> <li>• Company logo displayed on all Golf Carts</li> <li>• Great visibility on reverse side of front windshield, viewed throughout the day by all golfers</li> <li>• Sponsorship is "set-aside" for Small Business companies only</li> </ul>	
<b>Hole Sponsor</b>	<b>\$500</b>
<ul style="list-style-type: none"> <li>• Company logo displayed on sign at hole</li> </ul>	



**For questions, volunteer and sponsorship opportunities, please contact:  
Denise Dutra at 209.915.5073  
ddutra@dutragroup.com**

**REGISTER - MARK YOUR CALENDARS - LET'S MAKE THIS ANOTHER RECORD BREAKING EVENT!**

# Sponsorship Form

Sign-up available at  
[www.samesacramento.org](http://www.samesacramento.org)



*We are seeking support of corporate sponsors for our 2016 tournament.*

*Participating firms will receive highly visible recognition for their contributions.*

*Your participation in this winning combination allows us to contribute and encourage prospect students to pursue careers in the engineering, environmental, and science fields.*

## **SPONSORS**

Please email your logo to Denise Dutra at [ddutra@dutragroup.com](mailto:ddutra@dutragroup.com) by May 20, 2016 in order to have your contribution recognized during the tournament.

For all other questions please contact Denise Dutra at 209.915.5073 or email [ddutra@dutragroup.com](mailto:ddutra@dutragroup.com)

**ALL SPONSOR LOGOS WILL BE DISPLAYED ON THE BANNER AT REGISTRATION AND IN THE DINING ROOM**

## SAME Membership

### Spring Flowers are Blooming and so is the Sacramento Post

*Coreen Cecil, Cecil & Cecil Enterprises, Membership Chair*

SAME meetings have been fantastic this year and more great events are scheduled. Business appears to be up and it's a great time to be networking. Perhaps these are some of the reasons Sacramento membership counts are also springing up. Below is the latest membership report:

#### **Sacramento Post Membership report as of 4 April 2016:**

- Individual Members: **232 (+4)**
- Company & Agency Representatives: **393 (+28)**
- Student Members: **77 (+8)**
- Sustaining Member Firms: **89 (+3)**

#### **Streamer Requirements:**

- Public Sector Members: (baseline is 100) **106 (+5)**
- Total Members (excludes students): (baseline is 579) **625 (+32)**

With memberships on an upswing we want to keep the momentum going. Your membership chairs have been contacting sustaining members to encourage companies to get the most out of their SAME membership by filling in all 6 membership openings and extend a personal invitation to our next monthly event.

In April, SAME National implemented some of their own spring cleaning and launched a new database to organize and maintain memberships. You may have heard from them as they are requesting your help to update:

Help us better serve you.

**STEP 1** - Go to [www.same.org](http://www.same.org). DO NOT use any previous, old links. It would be better to delete history and cookies, especially if you used to access our web site regularly.

**STEP 2** - Click on MEMBER LOGIN. If you do not see MEMBER LOGIN or are getting weird error messages, please make sure you are using Google Chrome, Firefox or Internet Explorer 11 or higher as a browser. If you are using a military computer, you may experience problems that cannot be overcome. Please try from a home computer.

**STEP 3** - Enter your username which 90% of the time is the email that we have on file for you. If you have more than one membership, and the same email on both, you will not be able to login. Please contact [member@same.org](mailto:member@same.org) for assistance.

**STEP 4** - Your password is your ID, unless you personalized it. Your ID number is in the greeting of this e-mail, on the postcard that you will receive in the mail, or on your magazine label, or you can contact your Sacramento Post chair, Coreen Cecil at 916-519-466 or [coreen@cscad.com](mailto:coreen@cscad.com), Sharol Moore at 916-244-7685 or [sharol.moore@347group.com](mailto:sharol.moore@347group.com) or email [member@same.org](mailto:member@same.org) and they'll be happy to send it to you.

**STEP 5** - Once you log in, click on the My Account link on the LEFT toolbar. You will then see your Member Dashboard and can update your information. Make sure to fill in ALL of the fields to complete your records.

If you have any problems, please contact SAME National at [member@same.org](mailto:member@same.org).

## Sacramento Post Sustaining Member Firms

The Sacramento Post is made strong by the continuing support of our Sustaining Member Firms and our Supporting Agencies. These great organizations are listed below (based on the National Database dated September 2015.)

347 Group, Inc.	Environmental Quality Management Inc.
AECOM	ERM
AHTNA Engineering Services, LLC	Forsgren Associates, Inc.
Ahtna Government Services Corp.	Gannett Fleming Inc.
Alta Vista Solutions	Gannett Fleming, Inc.
Amec Foster Wheeler	Genterra Consultants, Inc.
Anvil Builders, Inc.	GHD Inc.
ARCADIS, U.S., Inc	Gilbane Federal
Atkins	Granite Construction Company
Benham Design, LLC	Great Lakes Environmental
Black & Veatch Special Projects Corp.	Great Lakes Environmental & Infrastructure
Blackburn Consulting	Hatch Mott MacDonald
Blaine Tech Services, Inc.	HDR
Bristol Industries	Health Sciences Associates
Brown and Caldwell	HELIX Environmental Planning
Burleson Consulting Inc.	Heron Pacific LLC dba Wildlands
Burns & McDonnell	HydroGeoLogic Inc.
CA Department of Water Resources	Innovex Environmental Management, Inc.
Cabrera Services Inc.	InTech Energy, Inc
Cardno, Inc.	Jacobs
CB&I Federal Services, LLC	Kiewit
CDM Smith	Kleinfelder
CH2M HILL	Leidos
City Light & Power, Inc.	Martin Brothers Construction
EA Engineering, Science, and Technology, Inc., PBC	Mason & Hanger
ECORP Consulting, Inc.	Mead & Hunt, Inc.
Engineering/Remediation Resources Group (ERRG)	MGE Engineering, Inc.
	Michael Baker International, Inc.

(continued on page 10)

## Sacramento Post Sustaining Member Firms (cont)

(continued from page 9)

MWH	Stanley Consultants, Inc.
NCE	Stantec, Inc.
Ninyo & Moore	Suulutaaq, Inc.
Nomlaki Technologies, LLC	Swinerton Builders Government
Nordic Industries, Inc.	Synectics
North Wind Group	Terracon Consultants, Inc.
Northgate Environmental Management, Inc.	Terraphase Engineering, Inc.
Pacific States Environmental Contractors, Inc.	Tetra Tech, Inc.
PIKA International	The Dutra Group
Psomas	The Stahl Companies, Inc.
RORE, Inc.	Towill, Inc.
RVP	TRC
SAGE Engineers, Inc.	Trihydro Corporation
SAME	USACE - Sacramento District
SGS Accutest Inc.	WEST Consultants, Inc.
Shannon & Wilson Inc.	West Pacific Electric Company
Shannon & Wilson, Inc.	Westervelt Ecological Services
Site Work Solutions, Inc.	Wood Rodgers, Inc.
Spectrum Services Group, Inc.	Woodward Drilling Company, Inc.
Stanley Consultants Inc.	Woolpert, Inc.

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**The Sacramento Post appreciates the support from all our  
Individual Members and Sustaining Member Firms!**

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Those individuals or firms interested in becoming SAME members can contact Sacramento Post Membership Chair, Coreen Cecil at 916-519-7466 or [coreen@cscad.com](mailto:coreen@cscad.com) or Sharol Moore at 916-242-4347 or [sharol.moore@347group.com](mailto:sharol.moore@347group.com) For information on types of available SAME memberships, please visit: <http://www.same.org/>

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**SOCIETY OF AMERICAN MILITARY ENGINEERS**