

Outreach & Communication Streamer

Post Name: San Diego
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1.) **Principal Criteria:** Providing mentoring activities

Required 1A

Desired 1B and 1C

1A) Post Program for **K- 12 Outreach** has included participation in SAME Camps, West Point Bridge, Boy Scouts, Girl Scouts and School-based programs.

1B) Post Program for **College Outreach** has included an active Student Chapter with a local college or university or a mentoring program for engineering students

1C) Post Program for Young Member has involved mentoring by SAME Members

2.) **Principal Criteria:** Utilize Post Education and Mentoring Fund

Desired Any of the four topics below (2A, 2B, 2C, 2D)

2A) Sent one or more high school students and/or Mentor to a SAME Engineering and Construction Camp

2B) Sent one or more college students, NCO or YM to a regional or national conference

2C) Sent Post members to SAME-sponsored events or Certification programs

2D) Awarded scholarships to deserving high school seniors and/or college students pursuing a career that meets the mission of SAME

3.) **Principal Criteria:** Community Service

Required 3A

Desired 3B

3A) Established and conducted outreach program or event to support deployed forces and their families (to include Active Duty, Reserve, National Guard, DOD Civilians, and Contractors)

3B) Conducted at least one community service project

4.) **Principal Criteria:** Web Page

Required 4A

Desired 4B

4A) Post has website that lists at least current officers and other points of contact linked to the SAME National website

4B) Website provides upcoming events and other announcements

5.) **Principal Criteria:** Post maintains communication with members

Desired 5A

5A) Post uses mailings (newsletter or flyers) and/or electronic messages (e-mail) at least quarterly to communicate with its members

1.) Principal Criteria: Providing mentoring activities

Required 1A

Desired 1B and 1C

1A) Post Program for K- 12 Outreach has included participation in SAME Camps, West Point Bridge, Boy Scouts, Girl Scouts and School-based programs:

The San Diego Post is an active and proud participant in local high school mentoring efforts with the Greater San Diego Engineering and Science Fair, Girl Scouts of America, the National Academy Foundation and Sustaining Member Mentoring.

.A continuing example of this effort is the sponsorship of the Greater San Diego Engineering and Science Fair. The San Diego Post's Board of Directors member, Pete Campbell, has led this for several years and is turning it over to Gita Murthy. Throughout the year, our BOD leader helps organize the science fair and subsequently invites additional members of the post to assist him in judging the fair.

The Fair was held on 12 April 2008 at the Balboa Park Activity Center. This year, more than 1,000 junior high school and high school students participated in the event and represented schools throughout San Diego County. The SAME San Diego Post participated, along with more than 100 professional organizations, in judging the student exhibits. Although the diversity of exhibits ranged from Biochemistry to Space Sciences, the Post judges focused on projects in the Engineering, Earth Sciences, and Environmental Sciences arena.

This year the Post selected four students as its 2008 Awardees and honored them during our May Post Business luncheon and awarded each of them with \$100. The awardees were as follows:

- Coleman Baker for his project "Wood that Stand?"
- Mike De Maria for his project "Granite, Soil, and Sand: Which Levee Material Protects the Land?"
- Sophia Graf for her project "Build Your Dream Castle: Just Add Water!"
- William Herrin for his project "How a Truss Design Affects the Weight Capacity of a Bridge."

Furthermore, the San Diego Post continues to support the Girl Scouts of America and our troops overseas through Operation Thin Mint and sponsorship of Girl Scout Gold Awards (Eagle Scout Equivalent). At the February business lunch, eight-year-old Brownie, Carly Medved, daughter of SAME BOD Awards Chair, CDR Marko Medved, CEC, USN collected over \$350 for Operation Thin Mint, which ships cookies to US troops. Catherine Mbaya and EDAW Inc, sponsored Ms. Lauren Downs in achieving her GSA Gold Award project from SEP 2007-FEB2008.

The Post also has recently been involved with the National Academy Foundation that establishes centers of excellence within public high schools. In 2008, NAF is sponsoring three engineering schools in the San Diego area. CDR Marko Medved, CEC, USN has been participating on the Executive Steering Committee to further develop these programs this year.

Numerous **SAME** San Diego firms (like RBF Consulting) also regularly participate in high-school intern programs established at some of San Diego's local schools, so as to start the "recruiting" process early. Civil engineering and planning are not well understood by high school students – mostly it's not even on their radar screen. When they pass through their daily world, they have no idea that planners and civil engineers planned, designed and built the roads they travel, the housing development they live in, the water supply to their house, the labyrinth of water/wastewater systems underneath their houses and streets, dams, storm water systems, bridges. It's all just there. You can't get excited about what you don't know about. To that end, **SAME** San Diego firms (like RBF Consulting) are encouraged to get involved in educational programs in local middle schools, high schools, even grade schools. As an example, RBF Consulting regularly participates in semester-long intern programs through Kearny High's Construction Tech Academy and High Tech High. During these internships, pairs of high-school juniors work with RBF professionals two days per week – along with a two-week full-time "immersion" session - so as to gain exposure to the world of civil engineering and planning. RBF encourages other **SAME** San Diego firms to participate in these and similar programs, shares their experiences in such programs with them, as well as ideas as to how to tailor these in-house programs so that they encourage an enthusiastic interest in civil engineering and planning in the students. **SAME** San Diego firms (like RBF Consulting) are also encouraged to go into classes to teach students about our professions, host RBF office tours, and guide student field trips.

1B) Post Program for College Outreach having an active Student Chapter with a local college or university or a mentoring program for engineering students:

The San Diego Post's Sustaining Member Firms provide mentoring to college students via internships, The Post also provides scholarship opportunities for college students totaling \$28,400. The following firms have provided college internships in 2008.

- SDGE: San Diego Gas and Electric has an Engineer Mentoring program for both newly hired Associate Engineers, who are recent college graduates; and Summer Intern Engineers, who are usually in their junior or senior year of college. The Engineer Mentoring Program is especially important at SDG&E in that it allows for a senior Engineering Manager to be teamed with a new engineer, to ensure that the engineer understands the operating characteristics of SDG&E and also has a resource to answer questions regarding career decisions. During 2008, Dave Guebert, SAME San Diego Post President, was a mentor for both an Associate Engineer and a Summer Intern Engineer. During the year, Guebert met with both of his mentees on a periodic basis

Outreach & Communication Streamer

providing guidance and input as they performed their various engineering assignments. He was able to provide background information on various aspects of company operations, give direction on various aspects of public utility engineering, and offer counsel interactions with all departments in the engineering division of SDG&E. Whenever the mentee had a particular question regarding their career or work assignments, Guebert was able to provide information and guidance relative to their inquiries. A critical role of the Mentor is to be both a counselor and an adviser to ensure that the new engineer has a good experience during his first few months in the engineering division.

- RORE, Inc, a small, Woman-owned business, has mentored interns from the University of California, San Diego, Department of Engineering, in environmental engineering. Fabiola Hatley was one such engineer-intern. Fabiola has worked with Sr. engineers, CAD, and GIS folks to support environmental engineering projects. In 2008, after her graduation from UCSD, she was hired full-time by RORE.
- RBF Consulting, a Sustaining Member of SAME, is continuously seeking interns to join professional teams in our offices throughout California, Arizona and Nevada. We have a very large and successful internship and new graduate program, with the majority of our interns returning to RBF to begin their careers after graduation. Our recruitment staff teams with Alumni to visit over 20 campuses throughout the United States each year in search of the best new graduates and interns from programs ranging from Civil and Environmental Engineering and Surveying /Geomatics Engineering, to Planning and Landscape Architecture. RBF knows that the continued growth and success of our company depends on the interns and graduates we hire each year who will help us shape the future of RBF.

Some of the key features of RBF's Intern Program include:

- **Senior Intern Event** - A one-day event that brings all graduating senior interns, company-wide, together to learn more about the company's vast array of resources. The event provides interns with the opportunity to network with one another, learn more about the company's civil engineering, planning and field service areas, and develop relationships with a panel of young professionals who started their careers at RBF as interns. Participants gain a better understanding of the timeline for joining RBF upon graduation, as well as the company's grad program and benefits.
- **Real World Employment Experience & Mentoring** – During the internship, interns will have the opportunity to work on current projects while being trained and mentored by seasoned professionals. This real-world job experience will provide interns with the edge they need upon graduation. Interns also have the opportunity to meet and network with other interns from multiple schools throughout California and other states.
- **Flexible Work Schedule** – Summer and year-round internships are available. Interns have the option of working part-time during the school year and/or full-time during the summer.
- **Competitive Pay** – Interns can expect competitive pay based on class level and previous internship experience.
- **Bonus** – All Interns are eligible for a bonus that recognizes them for their valuable contributions to the company.

Outreach & Communication Streamer

- **Company Sponsored** Events – Interns have the opportunity to participate in special events such as picnics, golf and tennis tournaments, holiday parties, intramural sports, ski trips, barbeque lunches and more.
- In addition to investing time and resources in cultivating student interest in civil engineering and planning, **SAME** San Diego firms are active fundraisers for **SAME** scholarships. Rick Rubin of RBF chairs the **SAME** San Diego Scholarship Committee, which awarded over \$28,000 in scholarships in 2008. Through RBF's efforts \$11,500 was raised in 2008 from other member firms to assist in this program, which brought the three year total of fund-raising to over \$35,000. Also, John Harris of RBF organizes the **SAME** San Diego Golf Tournament fundraiser, which raised over \$13,000 for the College Scholarship Fund, in 2008 as well as similar results the previous 4 years.
- NAVFAC Southwest, has supported its staff NCO, EA1 Mark Mulhern, in his pursuit of a college education and has commissioned a Navy Officer. EA1 Mulhern is applying to the Seaman to Admiral program.

1C) Post Program for Young Member mentoring by SAME Members: The San Diego Post offers many opportunities for young member leadership and mentoring. In 2008, we added three additional young members to our Board of Directors. Our young member program is vibrant and growing.

<u>Name</u>	<u>Organization</u>	<u>Position</u>
Allison J. Basche	NAVFAC Southwest	Young Members and Mentoring
LTJG Laura Juette, CEC, USN	NAVFAC Southwest	Programs
LCDR Oscar Bernal, CEC, USN	NAVFAC Southwest	Webmaster, outgoing
LTJG Darren Jacques, CEC, USN	NAVFAC Southwest	Webmaster, outgoing
LT Nick Cieslak, CEC, USN	NAVFAC Southwest	Webmaster, incoming
LTJG Dalone Jenkins, CEC, USN	NAVFAC Southwest	Young Members and Mentoring
EA1 Mark Mulhern, USN	NAVFAC Southwest	NCO
Catherine Mbaya	EDAW, Inc.	Public Relations

Our Post fosters mentoring of young members by encouraging SAME Fellows to meet with young members during the Post's monthly SAME luncheons. At the beginning of the program, the Post President identifies the Fellows and Young members in the audience to facilitate this meeting. Currently, SAME Fellows include:

<u>Name</u>	<u>Organization</u>	<u>Position</u>
CAPT Thomas Crane, CEC, USN (ret)	Thomas Crane Consulting	Executive VP
CAPT Roger Frauenfelder, CEC, USN (ret)	Retired	Treasurer
CAPT James Barrett, CEC, USN (ret)	San Diego Water Dept.	Member
COL Stewart Bornhoft, USA (ret)	Sullivan Group	Past President

The Young Members are highly active and were involved in: Construction Camp mentoring, Regional and National Conferences, Habitat for Humanity and Engineers without Borders, Toys for Toys, and Operation Rescue. Young members are encouraged to attend the monthly business luncheons for education and training at just \$10/lunch; the member luncheon fee is \$25.

2.) Principal Criteria: Utilize Post Education and Mentoring Fund Desired Any of the four topics below (2A, 2B, 2C, 2D)

2A) Send one or more high school students and/or Mentor to a SAME Engineering and Construction Camp: Don Costello, Board of Direction lead for Engineering and Construction camps has led the San Diego Post to an unprecedented year in providing Construction Camp support.

The post sent a team of six mentors including SAME Fellow Roger Frauenfelder, Allison Basche, Harry Kim, Kim Caudle, Dalone Jenkins, and Tina Franzen to support the Seabee Construction Camp in Port Hueneme, CA. Duane Mockis of Sustaining Member Firm, Sundt Construction, recruited sponsors for all the events. The camp provided a fantastic opportunity for 40 high school students (29 men and 11 women) to learn practical engineering principles while fostering a team-building environment. SAME President, Rear Admiral Greg Shear, addressed the cadre on the last day of the week-long camp. San Diego Post Presidents, CAPT Steve Wirsching and Dave Guebert also supported the camp with visits.

The San Diego Post sponsored Chris Magerick of HiTech High School to attend the Air Force Academy Engineering Camp during the summer of 2008.

Young Member Leader and Construction Camp Mentor, Allison Basche, submitted an article to The Military Engineer magazine that was published in the September/October edition and presented our experience at the SAME Post Leadership conference in September. The camps were also featured in ENR's Aug/Sep 2008 edition titled Engineering "Boot Camps" Boost Competitive Spirit.

The SD Post continued its joint venture with the Ventura County Post and several Sustaining Member firms to be official sponsors of the Port Hueneme Seabee Construction Camps. Sponsorship entails sending Senior and Junior mentors, organizing projects, and providing materials.

2B) Send one or more college students, NCO or YM to a regional or national conference: The San Diego Post proudly sent Young Member, College Student and BOD NCO, EA1 Mark Mulhern, USN, NAVFAC SW Reserve Center Program Manager, to the National Convention in Minneapolis in May 2008. The San Diego Post also sent Young Member BOD Lead and Graduate College Student Allison Basche to the National Convention in Minneapolis, MN. They attended with several other Young Members (LTjg Dalone Jenkins, CEC, USN and Laura Juette, BOD Programs Lead) as well as past SD Post President and new SAME Fellow, COL Stewart Bornhoft, USA (ret). Allison Basche also attended the Regional Conference in Arizona. Both events were well attended by senior BOD members, offering yet another mentoring opportunity to the Young Members.

2C) Send Post members to SAME sponsored events or Certification programs

Outreach & Communication Streamer

As stated in 2B), SAME San Diego Post sent numerous members to both Regional and National Conventions this year. The Post sponsored the Post President, Dave Guebert, and Young Member Lead, Allison Basche, to Post Leadership Workshops in April and September, respectively. CAPT Steve Wirsching, Past President, and CAPT Bob Fahey, BOD Member, both attended the SAME Transition Workshop this year.

2D) Award scholarships to deserving high school seniors and/or college students pursuing a career that meets the mission of the Society: The San Diego Post continued its strong tradition of awarding undergraduate scholarships through a competitive process. Based on initial screening of applications, transcripts, essays, resumes and finalist interviews, the Scholarship Subcommittee offered seven candidates scholarships totaling \$23,000, increasing the value of individual scholarship amounts. The Subcommittee increased funding in our Post Graduate scholarship for \$2,500 and \$3,000 for the College Opportunity Foundation. The College Opportunity Foundation, Inc. is a non-profit organization that specializes in managing financial assistance to deserving students to attend junior college, college or university. Primarily, they are young people who have "graduated" out of the foster-care system and have no family or financial assistance. In total, the San Diego Post provided \$28,500 in scholarship in 2008, which is an increase of \$3,500 since 2007.

The major fund sources for providing these scholarships are the San Diego SAME Post Annual Golf Tourney and the Post Scholarship Trust. The Fall Golf Tourney efforts have been led by BOD member, John Harris of RBF Consulting; the tournament has continued to increase in popularity and revenue. In 2008, the San Diego Post netted over \$13,395 from sponsorships and greens fees, a new record and increase of \$2,000 since previous years. Over 130 post members participated in the tournament by playing or volunteering. Rick Rubin, Chair of the Scholarship Committee, also garnered \$11,400 in new pledges to the Scholarship and Mentoring trust fund this year through persistent calls to sustaining members.

As a result of the scholarship drive, the following college students have received scholarships in 2008:

Student	University	Scholarship
Brian Hayek	San Diego State University	\$5000
Scottt Weiser	San Diego State University	\$5000
Amanda Berlinsky	University of San Diego	\$2500
Daneil Soltero	San Diego State University	\$3500
Robert Danner	San Diego State University	\$3500
Tim Palmer	Univeristy of California, San Diego	\$3500
Oscar Bernal	SDSU, Graduate Studies	\$2500

View Sustaining Member donors at: <http://samesandiego.org/scholarships.php>

3.) Principal Criteria: Community Service

Required 3A

Desired 3B

3A) Establish and conduct outreach program or event to support deployed forces and their families (to include Active Duty, Reserve, National Guard, DOD Civilians, and Contractors): NAVFAC SW has deployed over 50 officers in Individual Augmentee status to Iraq, Afghanistan, and Africa in support of the Global War in Terror. As a response to a very dynamic program, our command has taken aggressive steps to ensure both the deployed officer and their families are supported and receive assistance. Our command has contacted every deployed service member and their family on a monthly basis and has ensured that all family members receive information about activities in our area.

This year, the Young Members, engaged the Rescue Task Force in Project “Help Build a Back Pack – Happy Hearts for Hurting Heroes.” Our November luncheon **raised over \$6,000** to buy essential support items for medical evacuees that are being treated in a far-off hospital without their personal belongings.

“When the troops are med-evaced from overseas to our facility due to injuries, they often arrive alone, scared and without any of the personal belongings. The backpacks from the Rescue Task Force provide many of these essential items they have left behind as well as boosting their morale and showing them that their sacrifice is greatly appreciated. “ – Debra Banks, MD, LT, Medical Corps, US Navy, Balboa Hospital, San Diego, CA.

3B) Conduct at least one community service project: The San Diego Post has continued its strong role in serving the community throughout the year. In April, we presided over the Greater San Diego Engineering and Science Fair and recognized winners with cash awards. The fair also serves as an avenue to open our engineering camps to high school students. A dozen Young Members led by LTjg Dalone Jenkins, CEC, USN, participated in Habitat for Humanity as “hammer swingers” over the weekend of 13 September 2008 to build houses in the San Juan Capistrano. The project constructed 14 homes for Service Disabled Veterans. The Young Members continued their annual support of the Toys for Tots drive. During the December 2008 program, the Young Members invited the US Marine Corps Reserve Toys to collect donations from the Post members.

4.) Principal Criteria: Web Page

Required 4A

Desired 4B

4A) Post has website with at least current officers and other points of contact linked to SAME National site: Three young Members continued to improve our web connectivity and content in 2008. LCDR Oscar Bernal transferred to graduate school and has passed on the responsibilities to LTJg Darren Jacques who has since improved the website and introduced several features like a database similar to Evite.

The site is located at: <http://samesandiego.org/index.php> and includes the following major pages:

- **Upcoming Events**, to include new Invite database for monthly events
- **News** – post headlines and articles
- **Power Point Archive** - includes presentations and featured firms
- **Scholarships** – acknowledges donors and winners
- **Membership** - provides links to sustaining member firms, **and SAME National**
- **Small Business** - provides links to Small Business Council
- **Contact us** - lists current BOD Officers and provide contact links/info

4B) Website provides upcoming events and other announcements: As discussed in Section 4A) above, the San Diego Post website lists all Upcoming Events and posts Power Point presentations of current and past speakers. The site has helped the Post track attendance at monthly luncheons; attendees RSVP using the Post's website..

<http://samesandiego.org/upcoming.php>

5.) Principal Criteria: Post maintains communication with members

Desired 5A

5A) Post uses mailings (newsletter or flyers) and/or electronic messages (e-mail) at least quarterly to communicate with its members

The San Diego Post has published a monthly newsletter online and has distributed a link to it via email through Google Groups™. The members have been directed by a link to our SAME San Diego website to register for the monthly business luncheons/tours, to find briefs from speakers, and to obtain corporate information from presenters. Post accomplishments and awards have also been posted on the website, including Scholarship winners and Construction Camp participants.