

Happy New Year: 2013-2014 Board Election Results

The results of the 2013-2014 nominations for the SEAOSC Board of Directors were announced at the June 5 awards dinner. We are happy to announce the following positions:

Treasurer: **Michelle Kam-Biron, S.E.**
Member S.E. Orange County: **James Parker, S.E.**
Member S.E. Ventura: **Kelsey Parolini, S.E.**
Member SE: **Jia Wang, S.E.**
Member PE: **Ryan Smith, P.E.**

Officers, according to succession procedure, are **Doug Thompson, S.E.**, President, and **Kevin O'Connell**, President-Elect. **Joe LaBrie, S.E.** will continue to serve on the board of directors as the Immediate Past President. Also continuing on the board of directors will be **Ifa Kashefi, S.E.**, **Diana**

Nishi, S.E., **Francisco Garcia, P.E.**, and **Daniel Traub, S.E.**

Thanks again to the Nominating Committee, chaired by Senior Past President **Jeff Crosier** and to all the SEAOSC members who participated in the first-ever election by Constant Contact survey. We received a record-breaking **24% response rate** from the voting members! Many members provided constructive and positive comments which are being reviewed by the Board.

The Board will attend an orientation training prior to the July board meeting to review the roles and expectations for the coming year.

[See the Member Spotlight feature to read select profiles of the new board members!](#)

UPCOMING EVENTS

(See inside newsletter for reservation forms and details.)

Annual Golf Tournament Monday, August 26, 2013

Location: Friendly Hills Country Club, 8500 S. Villaverde Dr., Whittier

Time: Noon-4:30 pm, Dinner 6:00 pm

Cost: Varies. See flyer insert.

REGISTRATION NOW OPEN!

Los Angeles Dinner Meeting September 5, 2013

Save the Date!

Location: Luminarias Restaurant, 3500 W. Ramona Blvd, Monterey Park, CA

Networking: 5:30 pm

Dinner & Program: 6:30-8:30 pm

Cost: \$35; Students: \$15

Professional Business Practices

By Vinil Ramchandran

Research & Development Tax Credits Possible for Structural Engineering Firms

Did you know that several structural engineering firms around the country are taking advantage of Research & Development (R&D) tax credits? Yet, many more companies across the nation are unaware that they may be eligible to claim this credit, and are missing out on millions of dollars in Federal and State tax incentives.

The reason for this is that many companies hear the word "research" and automatically envision scientists in a lab wearing white lab coats inventing something revolutionary. Hence, many businesses fail to take advantage of R&D tax credits, since they erroneously believe it doesn't apply to them. Fortunately, the IRS definition of "Qualified Research Expenditures" is quite broad, and a variety of U.S based manufacturing, engineering, software development, utility, and pharmaceutical firms qualify for the tax incentive.

sophisticated function that often involves many areas besides "traditional" building design. The complexity of modern structures require significant innovation from engineers in order to ensure the structure withstands all the ongoing stresses throughout its lifespan.

Examples of structural engineering activities that may potentially qualify for R&D tax credits include:

- Developing alternate water flow or plumbing systems
- Improving or developing alternative ventilation/heating/cooling system for structures
- Development of unique processes or methods for installing energy-efficient systems
- Improving acoustical qualities
- Determining alternate construction materials, or means of assembling/fastening components
- Environmental design, sustainable design, new technology

Structural engineering has evolved into a



*Celebrate the SEAOSC new year beginning July 1st.
Renew online during July!*

Table of Contents

SEAOC Mbr. Directory	Pg 2
Calendar	Pg 3
New Mbrs, Updates & Member Spotlight	Pgs 4-5
Past President's Night & EISE Awards	Pgs 6-9
Research Cmte. NEES	Pgs 10-11
YM Cmte. Bowling	Pg 12
ACE Mentor Report	Pgs 13-14
Golf Tournament	Pgs 15-17
SEAOC Convention	Pg 18
Job Advertisements	Pg 19
Contact Information	Back

(Continued on Page 2)

Article: Professional Business Practices

(Continued From Page 1)

and more!

The costs involved in these activities – primarily wages, but also supplies used in the R&D process, and sub-contractors -- may fall under Qualified Research Expenditures. Generally, the maximum federal credit is 6.5% of these qualified expenditures.

To be clear, not every structural engineering firm is going to be eligible for R&D tax credits. It is critical to utilize an experienced consulting firm that specializes in R&D tax credits that can conduct a thorough evaluation process, and scrutinize the company's activities to determine eligibility. In addition, the firm must effectively document and substantiate your qualifications for the tax credit, to minimize the risk should you be audited. Finally, as part of their service, they must be willing to defend their work in case of an IRS audit.

The benefits for qualifying firms are quite substantial, and can often yield a six-figure tax credit. This is especially true for states like California, that offer a State level R&D credit in addition to the Federal benefit. More importantly, if your firm has not been

claiming these credits, you may be eligible to capture the benefit for the past three open tax years! Is your firm eligible to take advantage of these lucrative tax credits?

About the Author:

Vinil Ramchandran is the President of AcuSolutions, Cost Recovery Group. AcuSolutions is a Long Beach, California, based consulting firm dedicated to helping businesses capture various specialized tax incentives. Contact AcuSolutions at (323) 989-2281, or info@acusolutions.net and mention SEAOSC to receive a FREE, no-obligation consultation. Visit www.acusolutions.net

The 2013 SEAOC Member Directory is Now Available!

A handy compilation of all current members of the Structural Engineers Association of California regional associations (SEAONC, SEA OCC, SEAOSC, and SEA OSD) is available to members each year.

Access Electronically:

Use your SEAOSC username and password to log-in to www.seaosc.org. (Forgot Password? Go to http://www.seaosc.org/forgot_password.cfm and enter your email address to retrieve it.)

Once logged in, click the tab "Document Library", then on the left column select "Association Documents". Look for the heading "SEAOC 2013 Membership Directory" for the links to view and search the directory online or download a .pdf version.

Request a Print Copy:

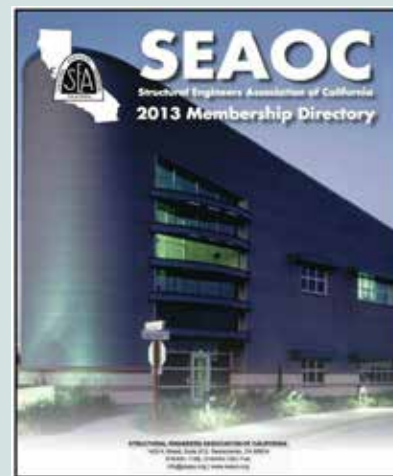
As benefit of SEAOSC membership, you are entitled to a printed copy free of charge! Complete this form to request your copy to be mailed to you: bit.ly/184ItLh

Need to update your contact information?

Did you know you can update your home and business information in your SEAOSC profile? After logging-in, click on the tab "Member Services". Select "My Personal Profile" and "My Company Profile" in the left column to view and edit your data. This data is provided to SEAOC for inclusion in the annual membership directory.

Questions? If you have trouble logging-in or accessing the directory, please contact Lynn Hanger, SEAOSC Executive Director at seaosc@seaosc.org or 562-908-6131.

For all other questions, please contact info@seaoc.org.



SEAOSC Calendar



MAY

23	12-1 pm	Webinar	GoToWebinar
31		Excellence in Engineering Award Recipients Notified	Email

JULY

1		2013-2014 Membership year begins. Invoices mailed to members for renewals.	
TBD		Board of Directors Meeting	Structural Focus, Gardena

AUGUST

26	Noon	Annual Golf Tournament	Friendly Hills Country Club, Whittier
30		Membership dues due	

Mark your calendar now or save this page. Don't miss your favorites!
Topics and dates subject to change — for the latest seminar details and registration go to www.seaosc.org



SEAOSC ANNUAL EVENTS: 2013

- Feb. 6: Student Awards Night Night
- Apr. 30: Deadline to Submit Excellence in Structural Engineering Posterboards
- June 5: Excellence in Structural Engineering Awards Dinner & Past Presidents' Night
- Aug. 26: Golf Tournament, Whittier
- Sept. 18-21: SEAOC Convention, San Diego
- October 8: Buildings At Risk Summit, Bonaventure Hotel, Los Angeles
- Oct. 17: Great CA Shakeout Event

Information regarding these events can be found on the SEAOSC website.

Seminar Registration How-To

Please go to www.seaosc.org for secure online registrations or use the enclosed registration flyers. Be sure to remember to log in to the website as a member to take advantage of SEAOSC's member benefit of member pricing. It is advised to register early to ensure a seat. Please note that confirmations will only be given to those people who register via the SEAOSC Website.



Next SEAOSC
 Newsletter Deadline:
 August 9
 for the September Newsletter

SEAOSC Sincerely Appreciates You

By Lynn Hanger, SEAOSC Executive Director

I recently read an article entitled Grateful Leadership: The Power of Appreciation which discussed the ways that sincere appreciation is lacking in corporate America and thus resulting in dissatisfied employees and higher turnover. Most employees are highly motivated by regular and sincere expressions of appreciation. In the workplace, this may not be easy for leaders to deliver because some may worry it will sow jealousy among those who feel they are less appreciated. However, sincerity has a tremendous ability to build on itself and eventually creates a stronger, more productive office culture.

Applying this concept to SEAOSC, I believe the need for a culture of acknowledgement and gratitude is just as necessary as it is at for-profit firms. If not more so! Our volunteers go the extra mile to

participate, contribute and give back to our association- all without getting paid! I can't begin to say "Thank You" enough to each and every one of you.

This appreciation was expressed during the June 5 Past Presidents' & Awards Night dinner meeting where the SEAOSC Board of Directors spoke about their appreciation for the Past Presidents, volunteers and each and every member. We know you have gone out of your way to support SEAOSC and it's the least we can do to sincerely say that we appreciate all you have done this past year and anticipate for the upcoming year. Happy New Year!

Article: Grateful Leadership: The Power of Appreciation, Mark Athitakis, Associations Now March 2013

John C. Kariotis, S.E. Member Since 1967

SEAOSC is saddened by the news that prominent structural engineer John Kariotis died unexpectedly in June from a quiet battle with cancer.

He was named SEAOSC Honorary Member in 1998. An *In Memorium* article, written by his son, John Kariotis, Jr. , will follow in the September newsletter

WELCOME, New Members!

Member SE

Xiaozhe Zhang, KPFF Consulting Engineering, Los Angeles, xiaozhe.zhang@gmail.com

Member

Matthew Melnyk, Nous Engineering, Los Angeles, matthew.melnyk@nousengineering.com

Dr. Huseyin Darama, Arup, Los Angeles, huseyin.darama@arup.com

Joe Castorena, Vertrees A & E, Brea, martinc@vertreesae.com

Jan Johansson, Thornton Tomasetti, Los Angeles, OJohansson@thorntontomasetti.com

Associate

Rocio Duran, LA Unified School District, Los Angeles, rduran129@gmail.com

Associate Levels 1-4

Maria Mohammed, Structural Focus, Gardena, mmohammed@structuralfocus.com

Kareena Killam, DLR Group, kkillam11@gmail.com

Ashwin Mahavadi, Simpson Gumpertz & Heger, vmahavadi@sgh.com

Nolan Lenahan, Arup, Los Angeles, Nolan.lenahan@arup.com





Get to Know SEAOSC's New Board Members



Kelsey Parolini, SE

Tri-County Representative
Smith Structural Group, LLP
Member since 2007

Why you chose to join the board of directors:

Opportunity to meet and collaborate with fellow engineers.

Future hopes for your term:

Grow SEAOSC involvement in the Santa Barbara and San Luis Obispo areas. Increase interest in the new generation of engineers.

A personal unknown fact about you:

I enjoy running, hiking, swimming and waterskiing!

Michelle Kam-Biron, SE

Treasurer
American Wood Council
Member since 1990

Why you chose to join the board of directors:

Although, my time is more limited with my new job, I want to continue to give back to my profession/organization. I feel SEAOSC is at a turning point in its history and we need to continue the momentum of what we started with the Realignment Plan.

Future hopes for your term:

To increase the involvement of the membership (retired engineers and new) and to grow as an organization. Also, I'd like to provide resources/education on the business aspect of engineering.

A personal unknown fact about you:

I like to knit and I wish I could play a musical instrument.

Ryan Smith, PE

Director
SidePlate Systems
Member since 2006

Why you chose to join the board of directors:

I want to aid in our organization's mission of maintaining the high standards of performance, ethics, and outreach the public expects from structural engineers.

Future hopes for your term:

I am looking forward to bringing my background of design and field experience to the board where I will work to

Abraham Baca, EIT

Student Member
Civil Engineering, UC Irvine

Email: BacaA@UCI.edu

Abraham Baca has been honored as a **Scholar Of the Week** by Great Minds in STEM™, a gateway for Hispanics in Science, Technology, Engineering and Mathematics (STEM).

Abraham is a civil engineering senior, at the University of California, Irvine (UCI), whose goal is to graduate from UCI and receive his Professional Engineering License. He has traveled a long road from Mexico to UCI, distinguishing himself as a role-model, who is disciplined, self-directed, and has demonstrated maturity and commitment to his family and community, while completing his undergraduate program!

Abraham is best described as a student that seeks out any academic, leadership or career development opportunity that comes his way. As president of the Latino Business Student Association, he reengaged community service opportunities for the organization, which was very important to him. He also instilled a mentorship program, which paired upper classmen with lower classmen. Abraham believes the best way to create drive is to have someone guide you along your academic path.

Aside from his leadership and academic excellence, Abraham continues to give back to the community, by mentoring students through the America On-Track: Mentoring Children of Prisoners and tutoring math through the SAGE Scholars for Scholars Tutoring Program.

Read more about Abraham's impressive accomplishments: <http://www.greatmindsinstem.org/scholars-of-the-week/abraham-baca>

strengthen our profession's relationships with the other groups involved in the construction industry.

A personal unknown fact about you:

I am avid sports fan, particularly football. I spend my Saturdays playing in a co-ed touch football league in Huntington Beach.

Past Presidents' & Awards Night: June 5, 2013 Excellence in Structural Engineering Competition

Honorary Member
Larry Brugger



Public Service Award
Nick Delli Quadri



Engineer of the Year
Janah Risha



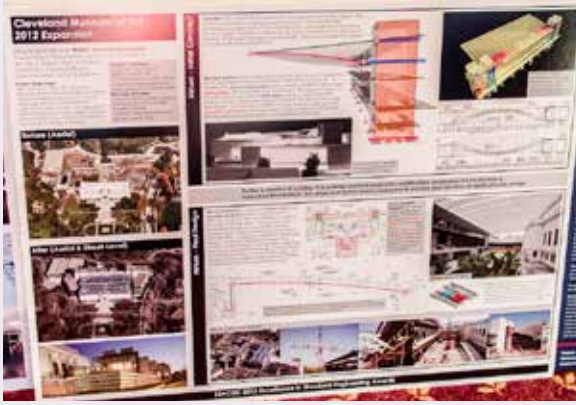
Winners of the 2013 Excellence in Structural Engineering Awards Competition

Thank you to the 2013 EISE Judges:
Larry Kaprielian, Board Member
Diana Nishi, Board Member
Doug Thompson, President-Elect

Thank you to event volunteers Richard Perez,
Kent Kaewwaen, Karen Keal & Tarik Saoud for
assisting and taking these wonderful photos.

(Continued on Page 7)

Excellence in Structural Engineering: Award of Excellence Winners



Category: Retrofit / Alterations
Project: Cerritos College Gymnasium Building
Firm: IDS Group
Cost: approx. \$8.5 million

The Cerritos College Gymnasium is a unique 1950s structure consisting of approximately 40,000 SF of column-free space, constructed with multiple barrel vaults which are supported by steel trusses and V-shaped diagonal braces. These braces provided seismic resistance in the transverse direction. Continuous reinforced concrete shear walls provide seismic resistance in the longitudinal direction.

Seismic deficiencies included overstressed diaphragms, diagonal braces, and gravity-carrying trusses, in addition to a liquefiable site. The new seismic resisting system, which now carries the main portion of gravity load as well, is supported on new pile foundations.

The arched diaphragms were strengthened using multiple layers of plywood sheathing to accommodate the existing curvature. The V-shaped diagonal braces were sliced at the common bases to transfer all seismic loads to a new exterior tube truss systems.

The trusses are supported at the two ends with buckling restrained braced frames, which provide ductility and reduced seismic demands.

The cost savings obtained from the design allowed the school to include the restoration of deteriorated interior and exterior finishes, as part of the project.



Award accepted by:
 Victor Mercado,
 IDS Group



Category: New Construction
Project: United States Courthouse, San Diego
Firm: Englekirk
Cost: approx. \$300 million

The Courthouse comprises a 16-story, 464,000 square foot annex adding 14 courtrooms, chambers, general office and support space as a free-standing tower adjacent to the existing Schwartz U.S. Courthouse. The project integrates new and existing federal buildings with gardens, plazas, a water feature, and pedestrian paths that support downtown urban design goals.

An Eccentrically Braced Frame system provides seismic stability and offsets drift problems created by courtroom floor-to-floor heights in excess of 22 feet that made moment frames impractical. Concrete shear walls below the Plaza Level transfer lateral loads to the foundations.

At 320 feet in height, the building exceeds the 240-foot maximum height limitation for an Eccentrically Braced Frame System. The owner approved innovative performance-based design criteria -- which demonstrated that a steel EBF exceeding the prescriptive building code height limitations was an effective seismic system, saving several million dollars.

Architecturally exposed structural steel is expressed prominently in the architecture, including the lobby curtain wall and screen as well as site amenities such as the trellis along the main entrance ramp. Weathering steel plate edging the accessible path between the plaza and entrance lobby boldly complements the subdued colors of the building.



Award accepted by:
 Russell Tanouye,
 Englekirk

(Continued on Page 8)

Award of Excellence Winners

(Continued from Page X)



Category: Landmark Structures
Project: Cleveland Museum of Art 2012 Expansion
Firm: Nabih Youssef & Associates
Cost: \$350 million

The Cleveland Museum of Art expansion, undertaken with Rafael Viñoly Architects, adds 390,000 square feet of galleries and public space to triple the size of the original museum and integrate two historic buildings in a new complex surrounding a central atrium quad.

The glass roof and walls of the football-field-sized atrium are supported by slender steel trusses carefully detailed to protect the original 1916 museum building located along one full side of the space -- and the entire enclosure is conditioned by a radiant water-filled pipe system also hung from the roof.

Both glass and pipe systems have a high sensitivity to deflection and erection tolerances that was addressed through an intensive process of modeling, as-built surveying, and field adjustment to ensure no leaks would occur over priceless art.

Bracketing the atrium, the 6-story tower and 3-story East & West wings feature high floor-to-floor heights with minimal columns and heavy art loading to create expansive galleries with flexible spaces.

Aggressively cantilevered roofs enclose glass box galleries at the leading edge of both wings and glass-walled corridors connect the new buildings to the renovated original museum.

At a total cost of \$350 million, the expansion is the largest cultural project in Ohio's history and will greatly expand the museum's ability to make their impressive art collection available to public.



View more photos at
[Facebook.com/SEAOSC](https://www.facebook.com/SEAOSC)



Award accepted by:
Daniel Ahkiam,
Nabih Youssef &
Assoc.



(Continued on Page 9)



Past Presidents 1973-2013

Back row: Don Jephcott, Bill Warren, Mel Green, Fred Schott, Jeff Crosier, Rawn Nelson, Jack Bruce, Janah Risha
Front row: Ted Christensen, Martin Johnson, Mel Green, Michael Cochran, Larry Brugger, James Lai

SEAOSC 2012-2014 Board of Directors

Back row: Kevin O'Connell, Tim Kaucher, Daniel Traub, Doug Thompson, Joe Labrie, Larry Kaprilian, Janah Risha
Front row: Ifa Kashefi, Diana Nishi, Ryan Smith, Francisco Garcia



SEAOSC Supports Research Committee in NEES-Soft Testing



The SEAOSC Board of Directors is pleased to announce their approval of funds to help support the research testing about to start at UCSD for the **NEES-Soft Testing Program**.

The program will be testing several different seismic retrofitting systems on a full scale four-story wood-framed building. During the past year the SEAOSC Research Committee has proposed investigating the validity of R-values for cantilever steel columns. The use of cantilever column system in conjunction with wood shear wall systems as a dual system has not been tested.

Majority of the weak story buildings use ground level for parking or retail space. From the public policy perspective, allowing ground level only retrofit scheme prevents displacement of the occupants during retrofit, thus reducing financial burden on the occupants and significantly reducing the cost of construction and loss of revenues from rents during construction. The policy that is friendly to occupants and property owners ensures public support and speeds up implementation. However, this constraint creates a physical limit to the level of performance that that can be achieved.

Since the dynamic behavior of the ground level and upper levels are fundamentally linked, leaving upper levels “as-is” establishes an upper bound on the overall building performance. As the strength of the ground level is increased by the retrofit, the demand on the upper level rises as well and once the capacity of the upper level is reached further increase in ground level strength simply shifts the critical mode of failure from ground floor to the level above. Thus, the ability to determine the capacity of the existing upper floors becomes a critical component of any procedure for a weak story retrofit.

The task of determining the floor capacity considering contribution of all available components is complicated by the significant differences between present and archaic construction practices. For example, the archaic construction practices did not include any steel hardware in wood to wood and wood to concrete connections which is a standard practice in modern construction.

There is no reliable data to determine the contribution of the hardware to the system capacity and precise evaluation using numerical methods is a complex process. The current best engineering judgment is that it might be responsible for anywhere between 25-35% of the overall system capacity. This is further complicated by lack of reliable data or total lack of data on the performance of the archaic assemblies.

Test Building Design (Overview provided by the NEES-Soft)

The test structure was designed to be representative of a variety of three to four-story wood-frame buildings built in the greater San Francisco, California, area during the early and mid 20th century, presently classified as soft/weak story structures. A number of site visits to examine existing buildings under retrofit construction and the review of the retrofit drawings were undertaken to assist in developing the test structure.

The visual observations confirmed a number of known deficiencies associated with early 20th century construction practices. For example, the lack of steel hardware in the connections, lack of connections to foundations the use of diagonal block bracing for lateral load resisting system were confirmed.

It was also confirmed that architectural layouts featured relatively open ground floors used as either tenant parking or leasable commercial office space, while upper levels were used for residential use and had a large number of interior walls. The architectural finishes for exterior walls included stucco, plaster on wood lath and wood siding. The interior wall finishes were mostly plaster on wood lath, plaster on gypsum board, or, where some remodeling may have occurred, gypsum wall board.

The exterior property line walls were primarily wood siding to accommodate constructability requirements (the exterior architectural finish had to be installed prior to wall placement, since no exte-

(Continued on Page 11)



NEES-Soft Testing

(Continued from Page)

rior access would be available). The floor and roof were typically covered with straight wood sheathing and in some cases additional wood flooring, thus forming diaphragms of undefined properties.

Based on the site visits, and considering the constraints imposed by the test budget, time limitations and facilities constraints, the test structure is specified as a four-story building with a 38 ft x 24 ft footprint and 8 ft typical wall height with finishes adjusted to address practical construction concerns.

The construction of the building is underway and is scheduled to begin in July.



Celebrate the SEAOSC new year beginning July 1st.

Members will receive one renewal invoice by mail to their preferred mailing address in early July.

2013 - 2014 membership renewals are due by August 30!



Young Members Committee Hosted “Network Bowling”

By Albert Lopez, P.E.
Chair, Younger Member Committee
MakeItRight, Inc.

On Friday, June 14th, the SEAOSC Younger Member committee gathered for an evening of bowling and networking with food and drinks.

About 33 members attended from different companies including Hardy Frames, Jacobs, KPFF and engineers from the City of Los Angeles, providing diverse opportunities to speak with employees at the various firms. Friendly competition and networking occurred across all 5 of the reserved bowling lanes.

The SEAOSC YM committee also gave away raffle prizes of gift cards to Jamba Juice and Target. Winners of the raffle were **Ankit Patel, Ryan Sandstrom, Macela Opie** and **Emily L. Morris**.



“Bowling night was fantastic! Together that night we became more than an association, we were a community!” said **Kent Kaewwaen**, Associate member and active volunteer. (See his photos from the Past President’s Awards Night!)

It was a great fun for all who attended. For those of you who were not able to attend, don’t fret, the SEAOSC YM committee has plans to do it again in the future.

The SEAOSC YM would like thank the SEAOSC board for all their support for this much needed networking opportunity.



View more photos at
[Facebook.com/SEAOSC](https://www.facebook.com/SEAOSC)

ACE Mentor Program Report

Provided by: Terry Dooley

SEAOSC donated \$1500 in 2012 to support this program.



The ACE name stands for Architecture, Construction and Engineering.

The ACE Mentor Program of America, Inc. not only engages sponsors and volunteer mentors to expose students to real-world opportunities, it financially supports each student's continued success through scholarships and grants to pursue careers in design and construction. Since 1994, ACE has awarded over \$12 million in scholarships to promising participants. Learn more at acemmentor.org/579



KENT KAEZZAEN- Former active member of our ACE team was a student at John Marshall High School. He worked as an intern for Jacobs Construction Management. At USC he received both Bachelor's and Master's Degrees in Structural Engineering. He interned along the way with KPFF Consulting Engineers, and then joined that firm full time after graduation. Kent now is a co-leader of our ACE mentoring team in Pasadena high schools.



LEO MAGALLON- Graduated from Roosevelt High School in the Boyle Heights neighborhood of Los Angeles, where he was a student member of the ACE Mentor team. He earned a Bachelor's Degree in physics at Occidental College, while interning at Montgomery Watson Harza Engineering. Leo stayed at Occidental for a Master's Degree in Mathematics and a Teaching Credential. He now is back at his alma mater, Roosevelt High School, teaching math and a new course: "Introduction to Engineering".



RICARDO ZENDEJAS- Member of the ACE Mentor student team at Roosevelt High School, and then began his college studies at Cal Poly University Pomona. He transferred to UCLA and earned a Bachelors Degree in Civil Engineering. Ricardo interned with mentoring firms Pankow Builders and Clark Construction.

He progressed to graduate study at Stanford, and in 2010 was awarded a Masters Degree in Design-Construction Integration. He now is a full-time employee with Clark Construction Group in Los Angeles and leads the ACE mentoring team at Lennox Academy.



THAI NGUYEN- Former student member of one of our first Los Angeles area teams, at John Marshall High School. He received ACE scholarship help as he worked his way to the degree in Construction Management at Cal Poly University San Luis Obispo. Thai interned with PCL Construction in Hawaii and with Clark Construction in Los Angeles.

After graduation, Thai joined PCL in its Glendale, CA office and is helping to manage construction on Los Angeles area projects. He now is the lead mentor for the ACE team back at his alma mater, John Marshall High School.



ACE Mentor Los Angeles Metropolitan Area, Inc.

Paulette Dallas - ACE LA Administrator | 11301 West Olympic Blvd, #369 | Los Angeles, CA 90064

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www.acemmentor.org/579

ACE is a 501(c)3 organization; IRS Tax ID #03-0505898



ACE MENTOR PROGRAM
ARCHITECTURE • CONSTRUCTION • ENGINEERING

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Sherman Oaks, CA 91403
Telephone (818) 784-4532
ctdooley@sbcglobal.net

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Terry Dooley, PE (Director Emeritus)
ACE Mentor Program LA Metro Area
Peter Zweighaft (Legal Counsel)
Skanska

ACE ADMINISTRATIVE SERVICES
Paulette Dallas
ACE Mentor Program LA Metro Area

June 5, 2013

Joe LaBrie, President + Doug Thompson, President-Elect
And Board of Directors
Structural Engineers Association of Southern California
1105 South Euclid St., Suite D409
Fullerton, CA 92832

**SUBJECT: ACE MENTOR PROGRAM
ACADEMIC YEAR-END EVENT AND PROGRESS REPORT**

Ladies and Gentlemen:

We had a happy "graduation" event at the conclusion of our 11th academic year. It was held May 11 at the Robert F. Kennedy Community School at the site of the former historic Ambassador Hotel at 701 S Catalina Ave, Los Angeles.

I enclose a folder containing the Program Booklet from the event. This publication shows the scope of our activities, the names of our professional leaders, the names of our students, and the "feel" of our impact on the students. Note that the Structural Engineers Association of Southern California is listed among our Benefactors and Patrons, on the page six, opposite our Mission Statement.

Also enclosed are:

- The latest version of "Measuring Our Progress", giving statistics about our growth
- "Four Home Runs", some success stories
- And five photos from May 11

Your strong and continuing support is one of the reasons we and our students, are making this great progress.

THANK YOU.

Best Wishes,

C. Terry Dooley, Hon. SEAOSC
Director Emeritus

Enclosures with presentation folder only
cc of transmittal via Email to:

Joe LaBrie
Doug Thompson



2013 SEAOSC GOLF TOURNAMENT at Friendly Hills Country Club

SEAOSC: 1105 S. Euclid St., Ste. D-409, Fullerton, CA 92832

MONDAY, AUGUST 26, 2013



SPONSORSHIP OPPORTUNITIES

(A portion of the event proceeds will benefit the SEAOSC Scholarship Fund)

All sponsorships include recognition from the Podium,
in the Dinner Program and in the SEAOSC Newsletter **plus**
additional recognitions as listed below.

Hole-in-One Sponsor (\$1,500)

Registration for 4 Golfers

On the course company representation (at the hole-in-one hole).

Up to three representatives.

(One volunteer is required to be at the hole-in-one hole for the duration of the golf event.)

Custom (Company Name) on the Course Signage

Door Prize Sponsor (\$1,000)

Registration for **2 Golfers**

Recognition on the Dinner Tables

Dinner Sponsor (\$1,000)

Registration for **2 Golfers**

Recognition on the Dinner Tables

Lunch Sponsor (\$750)

Registration for **2 Golfers**

Beverage Cart Sponsor (\$500)

Registration for **1 Golfer**

Long Drive or Closest-to-the-Pin Sponsors (\$250)

Custom On-Course Signage at One Tee-Box (yours to keep)

Tee Sponsors (\$200)

Custom On-Course Signage at One Tee-Box (yours to keep)

Individual Sponsor (\$100)

Name: _____

Email: _____ Phone: _____

Credit Card Number: _____ Expiration Date _____

Packaged Desired: _____



2013 SEAOSC GOLF TOURNAMENT at Friendly Hills Country Club

8500 South Villaverde Drive, Whittier, CA 90605 (562) 698-0331

MONDAY, AUGUST 26, 2013



SIGN UP TODAY!

Be a Golfer or a Sponsor!

A portion of the proceeds will benefit the SEAOSC Scholarship Fund

10:30 am - Check in and hit balls on the driving range

12 Noon - Shotgun Start (Scramble Format)

4:30 pm - Social Hour (No-Host Bar)

6:00 pm - Dinner, Awards and Raffle

**\$10,000 Hole-In-One Prize
Golf Awards & Door Prizes
Fun for Everyone!!!**

Questions?

Tournament Chair: Kevin O'Connell, (310) 323-9924, oconnell@structuralfocus.com

Executive Director: Lynn Hanger, (562) 908-6131, seaosc@seaosc.org

See reverse side for sign-up sheet and details



2013 SEAOSC GOLF TOURNAMENT

FRIENDLY HILLS COUNTRY CLUB,
8500 South Villaverde Drive, Whittier, CA 90605
Monday, August 26, 2013

GOLF

Includes green fee, range balls, tee prize, box lunch, dinner & raffle ticket!

CHECK-IN TIME 10:30 AM SHOTGUN START 12 NOON

Foursome Requested*	Phone Number	Email Address
_____	_____	_____
(Main Contact Above)		
_____	_____	_____
_____	_____	_____
_____	_____	_____

* Full foursome sign-ups will receive complimentary Tee Box Sign.

DINNER ONLY

Includes Dinner & Raffle Ticket

COCKTAIL SOCIAL HOUR 4:30 pm, DINNER 6:00 pm

Name	Phone Number	Email Address
_____	_____	_____
_____	_____	_____

GOLF & DINNER \$175 PER PERSON
(For registrations received on or before August 5, 2013) _____

LATE REGISTRATION \$225 PER PERSON
(For registrations received after August 5, 2013) _____

DINNER ONLY (NO GOLF) \$55 PER PERSON _____

BE A SPONSOR, SUPPORT SEAOSC
(Contact Kevin O'Connell for Sponsorship Opportunities) _____

TOTAL AMOUNT DUE _____

Mail Checks to:
SEAOSC
1105 South Euclid St.,
Ste. D-409
Fullerton, CA 92832
(562) 908-6131
Email: SEAOSC@seaosc.org

Credit Card Number _____ Expiration Date _____



SEISMIC BASE ISOLATION EXISTING STRUCTURES SOLAR WIND

REGISTER NOW...

for the SEAOC Convention hosted by SEAOSD on the shoreline of San Diego's Mission Bay. We have big plans for this year's convention you won't want to miss!

September 18-21 2013

HILTON SAN DIEGO RESORT & SPA

Only a 10 minute drive from the San Diego International Airport

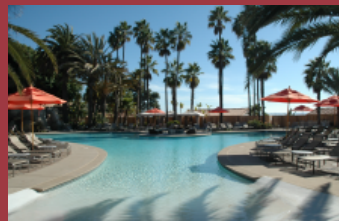
For more information: convention.seaoc.org

Go to sandiegohilton.com and use Group Code SEA to get \$209 room rates

FEATURING:

- Dinner Event at SeaWorld on Thursday sponsored by CSI, complete with Shamu Rocks Show, Penguin Encounter, Manta Roller Coaster, and Fireworks!
- Big Band Formal Dinner on Friday sponsored by Fyfe, featuring Marty Conley's Big Band Express and Swing Dancers.
- And much more including YM Beer Tasting in the Gaslamp, Exhibitor Hall, Excellence in Engineering Awards, and of course, great Technical Presentations!

Sponsorships and exhibit booths are still available... sign up by July 1st to take advantage of reduced booth rates.



JOB AD: Structural Engineering – Project Manager

LPA is seeking a Structural PM who will be responsible for leading a team in the design of major projects, including conceptual design, construction docs, preparation and coordination between design disciplines. Team leader in the initiation and execution projects for the firm.

Must have experience in advanced structural analysis, in-depth knowledge of the seismic provisions of the CA Building Code and the ability to develop detailed construction docs. Creativity, organization, communication, team-oriented attitude and leadership skills are essential for this position.

Other positive attributes include: CA Structural Engineer, BS degree required, MS degree preferred, Min of 7 yrs of structural design and project mgmt exp for new building and renovation/retrofit projects, Demonstrated exp and knowledge in managing public school projects through the Division of the State Architect, Participation in SEAOC, Extensive experience in advanced structural analysis and design. Proven ability to develop detailed construction documents, proven ability to resolve complex structural design problems, Knowledge of ETABS, SAP, SAFE, RAM and RISA

Visit our website at <http://www.lpainc.com/careers> to apply and find out more about available positions.

JOB AD: Structural Engineering – Project Engineer

LPA is seeking engineers to be responsible for structural design of major projects. Responsibilities include the design of steel, concrete, masonry and timber structures, finite element modeling and analysis, preparation of structural calculations, creation of construction documents and coordination with multiple other design disciplines.

Appropriate candidates will have experience in advanced structural analysis, in-depth knowledge of the seismic provisions of the California Building Code and the ability to develop detailed construction documents. Candidates should demonstrate creative thinking in resolving complex structural design problems as well as good communication skills and have a team oriented attitude.

Other positive attributes include:

- PE licensure in the state of California
- 3 yrs to 7 yrs of exp in structural design of buildings
 - Participation in SEAOC
- Knowledge of ETABS, SAP, SAFE, RAM and RISA
 - Experience with DSA/OSHPD projects

Visit our website at <http://www.lpainc.com/careers> to apply and find out more about available positions.

Place your Job Ad Here!
1/4 page ad
1 month
\$100
Easy!

SEAOSC NEWS: Advertising & Sponsorship Opportunities

SEAOSC publishes an electronic newsletter, SEAOSC News, which is posted online at www.seaosc.org in a color .pdf format. It is published monthly except for July/August, which is a combined issue. It is available on the public-facing section of the website, making the newsletter available to both SEAOSC members and non-members alike, thereby increasing its readership. We expect the number of people visiting the site to rise as non-members become aware of this new offering.

Members and those who have opted-in to our email notifications (approx. 2100 email addresses) receive 2-3 emails each month announcing the newsletter has been posted and highlighting content. The average open rate for these emails is 35%, higher than the average open rate of 20% among other associations.

SEAOSC is open to editorial ideas, article submissions, advertisements from the public. Please contact editor Lynn Hanger, Executive Director, at seaosc@seaosc.org, 562-908-6131 if you have questions or wish to submit content.

Display Ad Rates:

One time: ¼-Page: \$330 / ½-Page: \$550 Full Page: \$990

Six times per year in consecutive issues: (Discount is only given for 6-month advertisement.) ¼-Page: \$275/issue / ½-Page: \$495/issue / Full Page: \$880/issue

Dimensions:

¼-page: 3¼ inches (wide) by 4¼ inches (high)

½-page: 6¾ inches (wide) by 4¼ inches (high)

Full page: 7 inches (wide) by 9¼ inches (high)

Job Ads: ¼-page: 3¼ inches (wide) by 4¼ inches (high)

Persons seeking employment can post a brief job-wanted ad. Please submit a Word or .pdf document. Content may be edited as space allows. SEAOSC members: \$25; Non-members: \$50

Employers advertising an available position can post a brief text-only job posting for \$100, per month. No discounts for consecutive months. A Display Ad should be used if logos, graphics or other elements of design are preferred. Please submit a Word or .pdf document. Content may be edited as space allows.

Deadlines:

Deadlines are the first Friday following the first Wednesday of each month. Issues are usually posted mid-month.

Deadline	Issue Month	Approx. Posted Date
Dec. 7, 2012	Jan. 2013	Dec. 15, 2012
Jan. 11, 2012	Feb. 2013	Jan. 18, 2013
Feb. 8, 2013	Mar. 2013	Feb. 15, 2013
Mar. 8, 2013	Apr. 2013	Mar. 15, 2013
Apr. 5, 2013	May 2013	Apr. 15, 2013
May 10, 2013	Jun. 2013	May 17, 2013
Jun.7, 2013	Jul/Aug. 2013	Jun. 17, 2013
Aug. 9, 2013	Sept. 2013	Aug. 16, 2013
Sep. 6, 2013	Oct. 2013	Sept. 13, 2013
Oct. 4, 2013	Nov. 2013	Oct. 11, 2013
Nov. 8, 2013	Dec. 2013	Nov. 15, 2013

Sponsorships

SEAOSC has special opportunities for additional sponsorships, vendors, exhibitors, etc at additional seminars and programs throughout the year. Check the Calendar in this issue for up-to-date information and pricing.

Tabletop Displays:

Vendors are encouraged to purchase a tabletop exhibit at monthly dinner meetings, generally held the first Wednesday of each month except August. Cost of \$200 includes the admission of 1 person with the exhibit. Bring banners, give-aways, etc.



2012-2013 SEAOSC Officers & Committees

Get involved! Members and interested parties are invited to join a SEAOSC committee.
Contact the chairperson for information on current projects and meeting times, dates and locations.

SEAOSC Officers & Board Members			
	Name	Phone	Email
President	Joe LaBrie ²	626-445-0366	labrie@makeitright.net
President-Elect	Doug Thompson ^{1,2}	949-599-0320	dougt@stbse.com
Treasurer	Kevin O'Connell ²	310-323-9924	oconnell@structuralfocus.com
Immediate Past President	Janah Risha	818-729-9777	jrisha@risha.com
Directors	Casey Hemmatyar	888-889-5643	casey@psfeg.com
	Larry Kaprielian	949-462-3200	lkaprielian@knaconsulting.com
	Tim Kaucher	714-738-2151	tkaucher@strongtie.com
(¹ Delegate to SEAOC)	Matthew Skokan	626-324-2616	mskokan@saifulbouquet.com
(² Member of Exec. Cmte.)	Francisco Garcia	323-717-1303	fgarcia@fjengineering.com
	Ifa Kashefi	213-482-0440	ifa.kashefi@lacity.org
	Diana Nishi	323-733-6673	diana.nishi@englekirk.com
	Daniel Traub	310-254-1900	dtraub@walterpmoore.com
SEAOSC Executive Director	Lynn Hanger	562-908-6131	seaosc@seaosc.org

Committees			
	*Board Contact Chair(s)	Phone	Email
Membership	Joe LaBrie*	626-445-0366	labrie@makeitright.net
	OPEN		
Younger Members	Francisco Garcia*	323-717-1303	fgarcia@fjengineering.com
	Albert Lopez	626-445-0366	albert@makeitright.net
	Tarik Saoud	310-309-7439	tarik.saoud@gmail.com
Image & Public Relations	Tim Kaucher*	714-738-2151	tkaucher@strongtie.com
	OPEN		
Technology	Casey Hemmatyar*	888-889-5643	casey@psfeg.com
	OPEN		
Education	Doug Thompson*	949-599-0320	dougt@stbse.com
	OPEN		
Legislative	Larry Kaprielian*	949-462-3200	lkaprielian@knaconsulting.com
	OPEN		
Professional Bus. Practices	Janah Risha*	818-729-9777	jrisha@risha.com
	OPEN		
Building Codes & Stds.	Doug Thompson*	949-599-0320	dougt@stbse.com
	Y. Henry Huang	562-865-0861	hhuangpe@gmail.com
Seismology	Matthew Skokan*	626-324-2616	mskokan@saifulbouquet.com
	Bahram Zarin-afsar	949-261-6988	b@1zai.com
Sub Cmte: Research	Ashi Dhalwala	310-828-1422	ceginfo@verizon.net
Sub Cmte: Steel Bldgs.	Bahram Zarin-afsar	949-261-6988	b@1zai.com
Existing Buildings	Kevin O'Connell*	310-323-9924	oconnell@structuralfocus.com
	Ricardo Hernandez	213-596-5000	rhernandez@degenkolb.com
	Methee Chiewanichakorn	213-596-5000	mchiewanichakorn@degenkolb.com
Quality Assurance	Daniel Traub*	310-254-1900	dtraub@walterpmoore.com
	OPEN		
Sustainable Design	Ifa Kashefi*	213-482-0440	ifa.kashefi@lacity.org
	OPEN		
Disaster Emergency Svcs.	Diana Nishi*	323-733-6673	diana.nishi@englekirk.com
	Doug Litchfield	818-913-3558	dlitchfield@mwdh2o.com

