



Happy New Year: 2015-2016 Board Election Results

The results of the 2015-2016 nominations for the SEAOSC Board of Directors were announced at the June 3 awards dinner. We are happy to announce the following new board members:

Treasurer: **Robert Lyons, S.E.**
Member SE Orange Cty: **Todd Brown, S.E.**
Member SE Tri-Cty: **Jeffrey Haight, S.E.**
Member SE: **Victoria Wigle, S.E.**
Member PE: **Lorena Arce, P.E.**

Officers for 2015-2016, according to the Bylaws succession procedure, will be Michelle Kam-Biron, S.E., President, and, Jeff Ellis, S.E., President-Elect. Kevin O'Connell, 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 Colin Kumabe, S.E., Edgar Plazola, S.E., Joseph Valancius, S.E., and Paul Van Benschoten, S.E.

Thanks again to the Nominating Committee, chaired by Senior Past

President **Joe LaBrie** who's charge was to appoint nominations for each office to be filled by the general election. Additional nominations for the Board were solicited in the March issue of SEAOSC NEWS, in accordance with the SEAOSC Bylaws. No additional nominations were received from the membership. Per the Bylaws, if an office only has one nomination, the person nominated shall be deemed to be elected to the office.

Thank you to all the SEAOSC members who participated in the affirmation of the nominees through the Constant Contact survey. We received a record-breaking 25% response rate from the voting members, the highest response in over 3 years! Many members also provided constructive and positive comments which are being reviewed by the Board. The Board is excited to work with the membership to bring the best possible value to the membership and our communities!

See inside this issue to read profiles of the 2015-2016 board members!

JULY

1 2015-2016 Membership Year Begins: Dues Renewals Mailed to Preferred Addresses

17 Board of Directors Meeting
Structural Focus, Gardena

AUGUST

7 SEAOSC NEWS Content Submission Deadline for September 2015 Issue

24 Annual Golf Tournament
Friendly Hills Country Club, Whittier

SEPTEMBER

2 **Been There, Done That: Aligning Expectations from Various Levels of Experience**
Los Angeles Dinner Meeting
Luminarias, Monterey Park

4 SEAOSC NEWS Content Submission Deadline for October 2015 Issue

OCTOBER

7 **Lessons From Nepal: First-hand Accounts**
Los Angeles Dinner Meeting
Luminarias, Monterey Park

2015-2016 membership renewals are due by August 31!

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

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Angels Baseball Recap

Classified Ads



SEAOC works on retrofit bill

Submitted by Anonymous (not verified) on Thu, 2015-05-28 15:10

By Don Schinske

SEAOC Executive Director

The legislative year in Sacramento is at the halfway point, and SEAOC continues to work on clarifying legislation sponsored by the City of Los Angeles that would allow building owners to obtain state income tax credits for seismic retrofits.

AB 428, authored by Van Nuys Assemblyman **Adrin Nazarian**, proposes that owners of “at risk” properties could receive credits for up to 30 percent of the costs to retrofit “qualified” buildings. SEAOC supports the general concept of the bill, and members of SEAOC’s Legislative Committee including SEAONC’s **David Bonowitz**, SEAOC President **Ryan Kersting**, and Executive Director **Don Schinske** have been working with the Assembly member’s staff and Legislative Counsel to clarify the bill’s scope and definitions.

Several SEAOC amendments have already been incorporated into AB 428, which this week advanced out of the Assembly Appropriations Committee and is now on the Assembly Floor. SEAOC’s position remains “Support if Amended,” and we will continue to seek more precision in the bill regarding the eligibility of projects and the applicability of the proposed retrofit work. In addition, SEAOC is asking for language that might encourage jurisdictions to prioritize projects based on their importance to community function and post-disaster recovery.

Here’s a link to the current version of [AB 428](#)

Elsewhere, SEAOC’s Legislative Committee expects that **BPELSG** will soon convene a joint meeting of its Civil Engineering and Structural Engineering technical advisory committees, to discuss SEAOC’s proposed Significant Structures Amendment to the Professional Engineers Act. Our hope is that together these advisory committees -- with input from other stakeholders – would recommend a proposal that the licensing board could then consider endorsing. That endorsement would prove helpful in our efforts to move a proposal via legislation.

We’ll keep members posted as the process evolves. If you have questions about SEAOC’s proposal or how to get involved, please contact [Don Schinske](#) in the SEAOC office.

View the full article with hyperlinks at:
<http://www.seaoc.org/news-publications/seaoc-works-retrofit-bill>

City of LA Resilience By Design Update

On May 26, 2015, the City of Los Angeles passed an ordinance regarding structural design requirements for telecommunication and broadcast towers, as part of Mayor Garcetti's plan for earthquake preparedness.

Representatives from SEAOSC participated in the Mayor's Seismic Task Force to evaluate four areas of seismic vulnerability, the full report may be found at: <http://www.lamayor.org/earthquake>. Upgraded seismic design factors in telecommunication and broadcast towers is just one part of the Mayor's plan for a resilient Los Angeles.

The full ordinance may be found at:

<http://cityclerk.lacity.org/lacityclerkconnect/index.cfm?fa=ccfi.viewrecord&cfnumber=15-0050>



The graphic features a dashed black border. On the left, there is an icon of a document with 'EXAM' and 'PASS' labels and a large checkmark. To the right of this icon is the logo for the Structural Engineers Association of Southern California (SEAOSC), which includes a circular emblem with 'SEA' and 'SOUTHERN CALIFORNIA' text, and the full name of the association. Below the logo, the text 'Smart Pants Coupon!' is written in large white letters on a dark blue background. Underneath this, on a light gray background, is the congratulatory message: 'Congratulations on recently passing your PE or SE Exam! Enjoy dinner on us at our meeting on September 3, 2015! Enter coupon code "SmartPants" when registering online to receive discount.'



Review of "San Andreas"

Written By: Dr. Lucy Jones, Seismologist,

US Geological Survey & SEAOSC Honorary Member

via hollywoodreporter.com

Documentaries educate while movies entertain. Documentaries explain facts while movies explore emotions. The *San Andreas* movie is clearly not a documentary but it does capture some of the emotional realities of a disaster.

Nobody should confuse the *San Andreas* movie with Seismology 101. Hollywood always exaggerates for effect, and this movie is no exception; both the magnitude of the shaking and the damage are exaggerated beyond reality. Magnitude 9 earthquakes only occur on subduction zones, places where tectonic plates collide, pushing one plate under another and deforming the sea floor to create tsunamis. It has been millions of years since there was an active subduction zone under Los Angeles or San Francisco. The modern day San Andreas Fault maxes out about magnitude 8.3, and being mostly on land will never produce a big tsunami.

The level of damage is equally over the top, collapsing high rises with heedless abandon. The gaping chasm that ruptures the San Andreas fault in central California goes beyond exaggeration to completely impossible. If the fault could open up, there would be no friction and without friction there would be no earthquake.

San Andreas makes a hero of the Caltech seismologist predicting the coming disaster. We seismologists sure wish we could, but we have yet to find any way to predict the time of a particular earthquake. Magnetic and electric signals, strain meters and even animal behavior have been studied without success. The only time we know an earthquake becomes more likely is right after another one, because of earthquake triggering, an important piece of seismology the movie gets right.

In *San Andreas*, a magnitude 7.1 in Nevada triggers a magnitude 9.1 in Los Angeles that triggers a magnitude 9.6 in San Francisco. If you adjust the magnitudes to what's possible on San Andreas, the real fault, the triggering pattern is actually plausible. In the day after the 1906 earthquake that devastated San Francisco, magnitude 5 to 6 earthquakes ruptured through Imperial Valley, Santa Monica Bay, Oregon and Nevada. At those distances, we call them "triggered earthquakes" instead of "aftershocks" but they are common. The aftershocks that continue to rattle the characters in the movie are representative of what will follow a real event.

The most plausible part of *San Andreas* was its portrayal of the emotions in a disaster. Loss of communication brings fear to families while the knowledge of how to protect yourself and those around you reduces fear and promotes survival. *San Andreas* nicely shows how knowing the fundamentals of first aid, how to "Drop, Cover, Hold On," that tsunamis can be preceded by a draw down of the ocean, that landlines work when cell phones are out, and having a family "plan B," all can make life easier and safer after a big earthquake.

Spoiler alert!: Even better, a young woman, Blake Gaines (played by Alexandra Daddario), not only saves herself and those with her because of that knowledge and competence, but she even wins the heart of the boy, *because she is competent*. That's a message I can applaud.

XXX



VIEW MORE FACT VS. FICTION: www.earthquake-country.org

LEARN ABOUT MEGAQUAKES: www.earthquake.usgs.gov/learn/topics/megaquakes.php



JOIN THE CONVERSATION ON TWITTER: Tag & Follow @SEAOSC @SEAOCalifornia @DRLUCYJONES or even @TheRock and hashtag #SanAndreas

In Memoriam

Fred Schott

SEAOSC Member since 1969
Honorary Member since 2012
SEAOC Fellow in 2014

Fred Schott



Fred Schott June 1935 - May 2015 Our father, Fred H. Schott, aged 79, passed away on May 13, 2015. Fred was born in June of 1935 to parents Walter Schott and Margaret Kipe in Butte, Montana. He attended high school in Fresno and college at UC Berkeley, graduating with a Bachelor's degree in Civil Engineering in 1958 and a Master's degree in Civil and Structural Engineering in 1962. He was a member of Nu of Tau Kappa Epsilon Fraternity. He married Ann in 1956 and moved to San Luis Obispo in 1965 and they remained married until her death in 2005. Fred taught Architectural Engineering at Cal Poly for several years and opened Fred H. Schott & Associates in 1966. Over the next 50 years, he became an extremely well respected Civil and Structural Engineer. He was a long standing member of many professional associations, the pinnacle of which was holding the position of President and Fellow of the Structural Engineering Association of Southern California. At the time of his death, he was blessed with three long time employees including two talented engineers, Jillian Van Enckevort and Skye Garrison and his long time assistant, Chris Strasser. He enjoyed the friendship of many people and the respect of those he worked with during his career. Fred enjoyed playing the position of pitcher in AAA league softball for many years. He also enjoyed flying, golfing and fishing. He will be missed. He is survived by six of his eight children: daughter Rosemary, her husband Silvio and their children, Christopher and Gabriel; daughter Margaret-Ann and her partner Frank and their child Sarah; daughter Stephanie and her children Jason, his wife Tara and their child Lila, and Miranda and her partner Sean, her children Lia and Johnathan; son Andrew and his wife Beth and their four kitty-kids; daughter Wendy, her son Ethan and his child Dakota; and son David and his child Jocelyn. He is also survived by his wife, Yvonne, and her family, son Brad, his wife Lisa and their two daughters, Morgan and Makenna. He is also survived by two brothers, Gilbert (Lee) and Earl (Leslie), and his sister, Bonnie and their extensive families. He is predeceased by his wife of 50 years, Ann; his children, Angela and Matthew, and his great-granddaughter, Willow. Please make any donations to the Fred H. Schott, SE, Memorial Scholarship Fund, CCC ICC, care of Bryan Spain at 5905 Capistrano Avenue, Suite F, Atascadero, Calif., 93422. These scholarships assist college students in the architectural engineering and construction industry. Services will be held at the Veteran's Memorial Building, 801 Grand Avenue, San Luis Obispo on Saturday, May 30, at 11:30am. Sign his guestbook at sanluisobispo.com/obituaries

Published in San Luis Obispo Tribune on May 29, 2015



Hello Everyone,

I am finally getting a chance to express my sincere thanks to all of you that were able to attend and those who had Fred in their prayers that day. We had a wonderful turnout with about 150 people. a wonderful buffet, a nice display and some nice thoughts expressed by those who spoke and by those that told their stories while intermingling. Hopefully, all were notified thru the chain of others but please forgive me as I did try to notify as many people as possible by phone.

Our group is fortunate enough to be now working with FTF Engineering, Randy Collins, whom some of you probably met at the memorial. Fred would be elated to know that we are in good hands with Randy but he will still be with us in a wonderful spiritual way and many

terrific thoughts.

He has touched many of us with his dedication and determination to be a great Structural and Civil Engineer and never hesitated to be on the job when necessary. He has set a great example for many of those who were under his wing and later flew on their own. He definitely was one of a kind, old school engineer who was very serious but occasionally you could get a chuckle out of him. Some of you may not have know but he was an unbeatable softball pitcher, loved fishing and golfing. He will be soulfully missed.....

Thank you again for your thoughts and prayers!

Chris Strasser, Fred's all-purpose assistant

Fred H. Schott
June 19th 1935 - May 13th 2015
Written by Jillian van Enckevort, SE

Just over fourteen years ago I was packing my car for spring break when I got the phone call. It was Fred Schott calling to offer me an interview for a summer internship. I had just finished my third year finals for the Architectural Engineering program at CalPoly and little did I know my hardest test of the week was yet to come. I spent the afternoon sitting across from the man who would become my mentor as he quizzed me about everything I had learned in my years at school, and then told I didn't know anything yet. There may have even been a few Berkeley/CalPoly comparisons mixed in there. However, I must have passed because I have worked for Fred every day since!

Just about everyone you talk to in the engineering/construction industry on the central coast has a "Fred Schott" story and his reputation extends even greater distances. His years pitching softballs and running one of the biggest engineering firms in the area are just a couple of the many stories I have heard. I was a personal witness to a somewhat calmer version of that man. When I joined his company, he had dramatically reduced the size of his firm so he could step away from the roll of "business man" and get back to the engineering he loved. Just five short years ago you could still find him climbing the sides of concrete trucks to check the quality of the mud. He did not just love his job, he lived it. His mind was constantly working, numerous



mornings I would arrive at the office and before I could even set down my bag he would be at my desk with an idea that had come to him in his sleep.

I still cannot fathom how he knew all that he knew. This was a man who could do moment distribution in his head. He was an expert in concrete mix design, designed steel plate shear walls before they were allowed, and pushed the limits of Structural Engineering at every turn. He had a love-hate relationship with computers; he loved getting rid of the pencil lead, eraser shavings and vellum, but hated when "new" engineers would rely on them without knowing how to do the calculation by hand first. He had to put some of that aside with our recent time-history damper analysis work, but he could still spot a modeling error within minutes of looking at our computer results.

He would accept any engineering challenge given him. He saved miles of our coastline with seawalls, designed huge antenna foundations and a 90 foot tall rolling scaffold for the military, pulled an earthquake damaged house back into place with a holdown bracket, threaded rod and a wrench and repaired an entire building of HVAC damaged shear walls with, you guessed it, steel plate shear walls. Fred was truly the "MacGyver" of structural engineering.

Fred spent almost 80 years on this earth with his mind still as sharp as a tack, and I am beyond thankful for the years I was able to spend learning from him. He truly was the greatest engineer I will ever know and he was right, I didn't know anything. I will spend the rest of my career trying to remember everything he taught me.

Jillian van Enckevort, SE
Fred H. Schott & Associates
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San Luis Obispo, Ca 93401
[\(805\) 544-1216](tel:(805)544-1216)
jve_fredschott@sbcglobal.net



WELCOME NEW MEMBERS

Member SE

Scott Adan
Adan Engineering
scott.adan@adanengineering.com

Member

Lori Norcutt
Stand Up Engineers
lori@standupengineers.com

Jordan Henke
LPA, Inc.
jordan.m.henke@gmail.com

Albert Avila
Avila Structural Consultants, Inc.
albert@avilaengineers.com

Associate

Benjamin Galan, Jr.
City of West Hollywood
bgalan@weho.org

Mark Nadal
KPFF
mark.nadal@kpff.com

Associate Level 1

Timothy Hathaway
Simpson Gumpertz & Heger
timshathaway@gmail.com

Industry

Rick Vandenberg
Smalley & Company
r.vandenberg@smalleyandcompany.com

Annual Membership Appreciation Event: Angels Baseball



Fireworks were promised as part of the SEAOSC member appreciation event this year, but no one expected them before the sun went down. This year's event took place at a home game for the Los Angeles Angels of Anaheim as they hosted the visiting Detroit Tigers. The party started two hours before first pitch with a private catered picnic inside the stadium above the waterfall just beyond the centerfield fence. The picnic included games, all you can eat ballpark fixin's, drinks and beer. After all the pregame fun it was time for the real show.

The hometown Angels broke out for Five Homeruns in the first two innings! Since the SEAOSC seats were all together near the big Homerun flame, everyone earned quite a tan during those early innings! The Angels then cruised to the 8-5 victory in a full 9 innings of play. After the game was a full fireworks show dubbed the Summer Spectacular and it lived up to every bit of its title! Congratulations go out to [Rick Vandenberg](#), our raffle prize winner who took home a brand new Angels jersey. A special thank you to our member volunteers [Kelsey Parolini](#), [Kirsten Zeydel](#) and [Annie Kao](#) for their time and effort in bringing us a wonderful evening.



Excellece in Structural Engineering Competition: Award of Excellence Winners



Category: Retrofit / Alterations
Project: The Forum
Firm: Severud Associates
Cost: \$300 million

The Forum is a cable-suspended structure - not unlike a suspension bridge. There are 40 columns positioned equally on a 404 foot diameter circle. These columns taper into precast, post-tensioned concrete arches which hold the 70 foot high compression ring. Forty cables, each 3 inches in diameter, one from each column, are strung from these columns to a central tension ring. The entire roof structure sits on the cables. The inward force (pull) from the cables is countered by the giant compression ring, when designed, the largest compression ring in America. One hundred percent of the heavy lifting is done by the cables and the Forum's roof cables just did not have enough any reserve capacity.



Category: New Construction
Project: California State University, Northridge Student Recreation Center
Firm: LPA, Inc.
Cost: \$50 million

The Student Recreation Center at California State University Northridge is a nearly 130,000 sq.-ft. facility constructed on a site adjacent to the infamous concrete parking structure that collapsed during the 1994 Northridge earthquake. Opened in January, 2012, the facility provides state-of-the-art technology in the areas of health and fitness, and includes a three-court gymnasium, a multi-activity court, a rock-climbing wall, running track, racquetball courts, weight and fitness areas, and several multi-purpose studios for aerobics, martial arts, and dance.



Winners of the 2015 Excellence in Structural Engineering Awards Competition

Past Presidents' & Awards Night: June 3, 2015

Annual & Special Awards

Honorary Member
Dr. Lucile Jones



Public Service Award
Brett Beekman



Engineer of the Year
Tom Harris



SB Barnes Award
Hugh Brooks



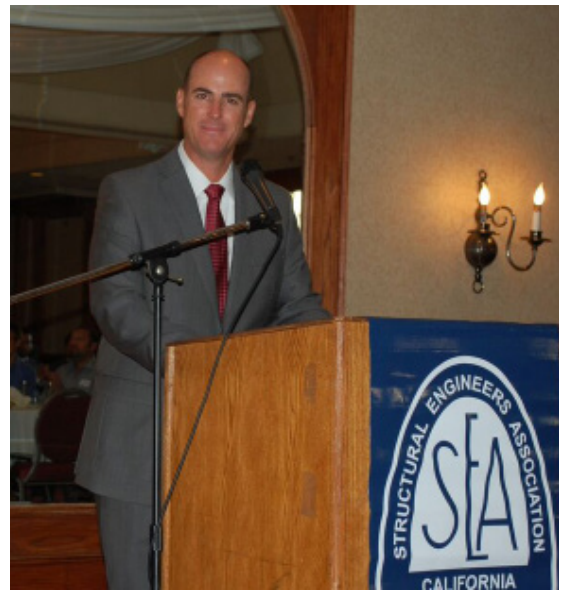
Young Engineer of the Year
Patti Harburg-Petrich



Passing the Presidential
Gavel: From Kevin
O'Connell (2014-2015)
to Michelle Kam-Biron
(2015-2016)



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





Past Presidents 1973-2014

Left to Right: Ted Christensen, Don Jephcott, John Coil, Doug Thompson, Melvyn Green, Earl Schwartz, Manuel Morden, Janah Risha, Richard Hess, Jack Bruce

SEAOSC Board of Directors: Incoming and Outgoing

Left to Right: Michelle Kam-Biron (President), Jeff Haight, Robert Lyons (Treasurer), Kevin O'Connell (Past President), Lorena Arce, Ryan Smith, Jeff Ellis (President-Elect), Victoria Wigle, Todd Brown, Ken O'Dell





*Get to Know SEAOSC's
2015-2016 Board Members*



Michelle Kam-Biron, SE
President
American Wood Council

Michelle Kam-Biron is Director of Education for the American Wood Council where she is expanding continuing education resources for architects, engineers, and building officials, and coordinating the development of university level wood design course. Additionally, she was a Structural Engineering consultant and Executive V.P. of Harris Engineering, in California. She has over 20 years of experience managing and designing a wide range of projects of various structural materials as well as Division of State Architect contract plan review. Ms. Kam-Biron graduated from Cal Poly, San Luis Obispo with a BS in Architectural Engineering. She is a certified Earthquake Disaster Assessment volunteer and a member of the International Code Council. She serves on the NCSEA Basic Wood Education Committee as well as the ASCE-SEI Wood Education Committee and is currently a volunteer on the Cal Poly State University, San Luis Obispo Architectural Engineering Advisory Board.

Jeff Ellis, SE
President-Elect
Simpson StrongTie Company, Inc.

Jeff Ellis has served as SEAOSC Treasurer 2014-2015 and two years as chairman of the SEAOSC Buildings At Risk Summit Committee. He is currently Director of Codes & Standards for Simpson Strong-Tie Company Inc. He has more than 24 years of experience in the construction industry and manages the company code and standards involvement as well as code compliance. Additionally, he is involved in research and development and provides support for existing product lines, including technical guidance for connectors, fastening systems, and lateral force resisting systems. He was a practicing design engineer for commercial, residential and forensic projects for more than 9 years prior to joining Simpson at the end of 2000. He is currently a member of the International Code Council Evaluation Service Advisory Committee. three years as a chairman of the AISI COFS Lateral Design Subcommittee, three years on the Cold-Formed Steel Engineers Institute (CFSEI) Board of Directors, and one year as the president of the CFSEI.



Kevin O'Connell, SE
Past-President
Simpson Gumpertz & Heger

Kevin D. O'Connell is an Associate Principal in the Los Angeles office of Simpson Gumpertz & Heger Inc. Kevin has a B.S. in Civil Engineering from the University of Southern California, a M.S. in Structural Engineering from Stanford University, and is a licensed Civil Engineer and Structural Engineer in California. Kevin has extensive experience in new building design and the design of modifications to existing buildings including seismic retrofit and historic preservation. His experience includes entertainment industry related projects such as new sound stages and post-production buildings, performing arts centers, university buildings, laboratory buildings, and large single family residential estates. Kevin is active professionally and is the Immediate Past-President of the Structural Engineers Association of Southern California, a board member of the Structural Engineers Association of California, and a board member of the Western Chapter Association for Preservation Technology, and a member of numerous professional associations.



Robert "Bob" Lyons, SE
Treasurer
Risha Engineering Group, Inc.

Bob Lyons, SE, is a principal at Risha Engineering, with over 36 years of structural design experience. He has served on various SEAOSC, SEAOC, AISC and other technical committees. He obtained his BS degree in civil engineering from UCLA in 1978.



Lorena Arce, PE

Director

American Institute of Steel Construction

Lorena Arce is the Southwest Regional Engineer for AISC, representing Southern California, Arizona, Southern Nevada, New Mexico, Utah, Western Colorado, and Hawaii. She works with design professionals to provide educational resources on the technical and economic aspects of building with structural steel.

Prior to joining AISC, she worked for several years as a Field Engineer for Hilti developing project and application solutions by working with local design and construction professionals in the Los Angeles area. She received a Bachelor of Science in Civil Engineering from CSU Long Beach with an emphasis in Structural Engineering. Lorena has served as an active member several professional organizations including SEAOSC, the American Society of Civil Engineers, and the Mexican-American Engineers and Scientist.



Colin Kumabe, SE

Director

City of Los Angeles, Building & Safety

Colin Kumabe has been with the Department of Building and Safety for 28 years. He currently is responsible for the operation of the building/structural plan check operations in the Metro office of the Permit and Engineering Bureau, Department of Building and Safety, City of Los Angeles.



Todd Brown, SE

Director, Orange County

Dale Christian Structural Engineers

Todd Brown has been practicing structural engineering for the past 19 years. He is a Senior Vice President at D.C.S.E. Associates and has been with the company since 1997, and has been a SEAOSC member since 2000. His expertise is in single family and multi-family housing with an emphasis on cost effective solutions and construction friendly plans and details. He graduated in 1996 from California State University, Fullerton with a Bachelor's of Science degree in Civil Engineering and is a licensed Civil and Structural Engineer in the State of California.



Jeffrey Haight, SE

Director, Tri-County

Ehlen, Spiess & Haight, Inc.

Jeffrey E. Haight has been a member of SEAOC since 1986 when he was an architectural engineering student at Cal Poly, San Luis Obispo, where he was the President of the student chapter in 1987. He is currently the Vice-Chair of the SEAOC Foundation, and previously served as a judge for the SEAOC Excellence in Structural Engineering Awards.

He has been a licensed Structural Engineer in California since 1999. He is a partner in the firm Ehlen Spiess & Haight, Inc. where he started in 1992. He is a volunteer engineer with California OES and in 2005 he was part of the initial team of volunteers deployed to New Orleans to perform building assessments in St. Bernard Parish after Hurricane Katrina.

His professional interests include historical preservation, seismic retrofits, and hospital equipment anchorage. His personal interests include refereeing AYSO soccer games and cheering for the Tottenham Hotspur soccer team. Jeff has been married to his wife Cindy for 25 years, and they have two adult daughters.



Edgar Plazola, SE
 Director
 Insight Structural Engineers

Mr. Edgar Plazola received his B.S. in Civil Engineering from CSU Pomona and his M. Eng. in Structural Design from USC. He joined Insight Structural Engineers in 2005 where he specializes in the evaluation of existing structures. He is a registered civil and structural engineer in the state of California. He first became involved in SEAOSC as an undergraduate student member. In addition to SEAOSC Director, Mr. Plazola is a voting member of the Existing Buildings Committee and has recently joined the Santa Monica Task Group.



Joseph Valancius, SE
 Director
 Karagozian & Case

Joe Valancius is a structural engineer with Karagozian & Case (K&C). Joe has spent the last 30 years designing and analyzing buildings and structures for blast loads, ranging from nuclear and conventional weapons effects to terrorist bomb threats.



Paul Van Benschoten, SE
 Director
 Coffman Engineers

Paul Van Benschoten has a broad background in project management, construction administration, and structural engineering design. Additionally, he has extensive experience in construction project management and hands on experience in most construction methods. Mr. Van Benschoten's expertise includes historical seismic retrofits, seismic retrofits utilizing supplemental passive damping systems, seismic limit state design, dynamic analysis of large and irregular structures, welding design and forensic investigations. He has been involved in a wide range of projects that have included institutional, healthcare, commercial, industrial, and historical facilities.



Victoria Wigle, SE
 Director
 Thornton Tomasetti

Victoria has been a structural engineer with Thornton Tomasetti since 2008. Her project experience includes both new construction and adaptive reuse as well as existing building evaluation. She spent a year in Christchurch, New Zealand following the Canterbury Earthquakes assessing damaged buildings and developing repair schemes. Following this work she joined the SEAOSC Summit (formerly BAR) efforts and has volunteered on the Summit Committee since 2013.



2015 SEAOSC GOLF TOURNAMENT at Friendly Hills Country Club

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

MONDAY, AUGUST 24, 2015



SIGN UP TODAY!

Be a Golfer or a Sponsor!

A portion of the proceeds will benefit the SEAOSC Scholarship Fund

10:00 - 12:30 pm - Check in, range balls, putting contest, BBQ lunch

12:30 pm - Shotgun Start (Scramble Format)

5:00 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, kdoconnell@sgh.com

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

See reverse side for sign-up sheet and details



2015 SEAOSC GOLF TOURNAMENT

FRIENDLY HILLS COUNTRY CLUB,
8500 South Villaverde Drive, Whittier, CA 90605
Monday, August 24, 2015

GOLF

Includes green fee, range balls, BBQ lunch, dinner & raffle ticket!

CHECK-IN TIME 10:00 AM SHOTGUN START 12:30 PM

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 5:00 pm, DINNER 6:00 pm

Name Phone Number Email Address

_____	_____	_____
_____	_____	_____

GOLF & DINNER \$175 PER PERSON _____
(For registrations received on or before August 7, 2015)

LATE REGISTRATION \$225 PER PERSON _____
(For registrations received on or after August 8, 2015)

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 _____



2015 SEAOSC GOLF TOURNAMENT at Friendly Hills Country Club

SEAOSC: 1105 S. Euclid St., Ste. D-409, Fullerton, CA 92832; Phone: 562-908-6131; Email: SEAOSC@SEAOSC.ORG

MONDAY, AUGUST 24, 2015



SPONSORSHIP OPPORTUNITIES

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

Tournament Sponsor (\$3,000) - Only 1 Available!

Registration for **4 Golfers**

On the course company representation at one hole for up to **3 Representatives**, includes their lunches & dinners.

Product/service Display Table or Booth adjacent to Registration & at Dinner

Promotional literature included in gift bags

Recognition from the Podium, on Dinner Tables & in Dinner Program

Recognition in the SEAOSC Newsletter, Website & Golf Tournament Emails

Lunch Sponsor (\$1,500) - Only 1 Available!

Registration for **4 Golfers**

Product/service Display Table or Booth adjacent to lunch station

Promotional literature included in gift bags

Recognition from the Podium and in Dinner Program, SEAOSC Newsletter & Website

Hole-in-One Sponsors (\$1,500) - 4 Available

Registration for **4 Golfers**

On the course company representation at the hole-in-one hole for up to 3 representatives, includes their lunches & dinners. (One rep required to be at hole-in-one hole for duration of golf event.)

Company-name signage on the course

Recognition from the Podium and in the Dinner Program, SEAOSC Newsletter & Website

Beverage /Snack Station Sponsor (\$750) - Only 1 Available!

Registration for **2 Golfers**

Company-name signage at each station

Recognition from the Podium and in the Dinner Program, SEAOSC Newsletter & Website

Long Drive, Accurate Drive, Closest-to-Pin Sponsors (\$250) - 4 available

Custom On-Course Signage at One Tee-Box (yours to keep)
Recognition in the Dinner Program, SEAOSC Newsletter & Website

Tee Sponsors (\$200)

Custom On-Course Signage at One Tee-Box (yours to keep)
Recognition in the Dinner Program, SEAOSC Newsletter & Website

Individual Sponsors (\$100)

Recognition in the Dinner Program, SEAOSC Newsletter & Website

Name: _____
Email: _____ Phone: _____
Credit Card Number: _____ Expiration Date: _____
Packaged Desired: _____

CLASSIFIED ADVERTISEMENTS

SENIOR ENGINEERS & PROJECT MANAGERS

Holmes Culley is actively seeking Senior Engineers and Project Managers for our new Los Angeles office. This is an excellent, ground-floor opportunity for a self-motivated individual to grow into a management position and help develop our Los Angeles office.

Essential functions of this position include:

- Provide technical leadership to structural engineers, drafters, and administrative support to ensure the accurate and timely completion of projects.
- Oversee the design and construction of projects, review and approval of documentation, including drawings and reports.
- Technical project planning for complex projects, including interactions with clients, architects and contractors, for all aspects of the project, including concept, planning, and design to project completion.
- Establish and monitor schedules and budgets as they relate to assigned projects.
- Develop new project opportunities with new and existing clients.

Candidates should have a M.S. in Structural Engineering, and a minimum of 6 years of related experience. Candidates must possess a valid PE license; SE license is also a plus. Candidates must be fast learners, ambitious, have the ability to handle increased responsibilities, have excellent verbal and written communication skills, and be able to interact effectively with clients, project teams, and colleagues. Your work will be diverse, design based, client facing and include all aspects of a "consulting" service. You will be involved with assessing, strengthening and retrofitting existing buildings as well as designing new structures.

Visit www.holmesculley.com and send your resume with cover letter to hr@holmesculley.com.

KPFF Portland is looking for
Both Experienced and Entry-Level **BIM / CAD Modelers**

KPFF is about freedom. Freedom to work on what inspires you. Our engineers work on a vast spectrum of projects that are located around the globe: from anchorage of mechanical systems to complex, non-linear analysis of high-rise structures, we do it all. We have all the benefits of a large, stable firm but none of the red tape that comes with it. Providing first-class service to our clients is what we're about. KPFF is experiencing solid growth and continues to innovate and adapt to better serve our clients. We are a group of dedicated, friendly, collaborative, hard-working engineers and we are looking for exceptional engineers to join us. Please use the appropriate link below to review job details and apply.

Experienced Modeler - Apply Here: http://chc.tbe.taleo.net/chc05/ats/careers/requisition.jsp?sessionid=C7E8EA90347EB424C07FBBB0763537A6?org=KPFF_2&cws=63&rid=96

Entry-Level Modeler - Apply Here: http://chc.tbe.taleo.net/chc05/ats/careers/requisition.jsp?org=KPFF_2&cws=63&rid=255

KPFF is an equal opportunity employer.

Knapp & Associates Inc.

Seeking an Engineer with 5 year minimum experience designing steel, concrete, masonry, and wood structures. Must be competent in 2013 CBC, ASCE 7-10 etc. Must have computer skills in RISA 2D and 3D, Intercalc, etc. PE. or Structural licensed preferred.

Contact:

Maria J. Knapp, Office Manager

mjknapp@knappassociatesinc.com

408 S. Stoddard Ave.

San Bernardino Ca. 92401

909 889 0115 Ex. 109

www.knappassociatesinc.com

MHP STRUCTURAL ENGINEERS – Long Beach

MHP has immediate openings for exceptional engineers in our office near the Long Beach Airport. MHP provides high quality design, seismic retrofit and seismic consulting services to architects, developers, contractors and owners. We design, evaluate and strengthen buildings in the Commercial, Education, Multi-Family Residential and Healthcare sectors. MHP offers full benefits within a challenging and rewarding professional environment.

DESIGN and PROJECT ENGINEERS

REQUIRED QUALIFICATIONS: BSCE and 2 years minimum experience in structural design and seismic retrofit of commercial buildings. Preferred Qualifications include MS in Structural Engineering; PE or SE license; strong 3D computer modeling skills; working knowledge and experience using ASCE 41 performance-based code; OSHPD and DSA experience; familiarity with Revit. Experience with non-linear pushover and time-history modeling, viscous dampers and BRBF's a plus.

STRUCTURAL DUE-DILIGENCE ENGINEER

REQUIRED QUALIFICATIONS: BSCE and 2 years minimum experience in structural design and seismic retrofit of commercial buildings including one-year minimum evaluating existing buildings and providing loss estimates (SEL/SUL). PE or SE license REQUIRED. Preferred Qualifications include MS in Structural Engineering and willingness to travel. Additional due-diligence experience a plus.

Please do not respond if Required Qualifications are not met. EOE. Send resume to careers@mhpse.com. Learn more about MHP at www.mhpse.com. No Phone calls please.

CLASSIFIED ADVERTISEMENTS

KPFF Portland is looking for

Both Experienced and Entry-Level Structural Engineers

KPFF is about freedom. Freedom to work on what inspires you. Our engineers work on a vast spectrum of projects that are located around the globe: from anchorage of mechanical systems to complex, non-linear analysis of high-rise structures, we do it all. We have all the benefits of a large, stable firm but none of the red tape that comes with it. Providing first-class service to our clients is what we're about. KPFF is experiencing solid growth and continues to innovate and adapt to better serve our clients. We are a group of dedicated, friendly, collaborative, hard-working engineers and we are looking for exceptional engineers to join us. Please use the appropriate link below to review job details and apply.

Experienced Structural Engineer - Apply Here (copy/paste into browser): http://chc.tbe.taleo.net/chc05/ats/careers/requisition.jsp?org=KPFF_2&cws=63&rid=73

Entry-Level Structural Engineer - Apply Here (copy/paste into browser): http://chc.tbe.taleo.net/chc05/ats/careers/requisition.jsp?org=KPFF_2&cws=63&rid=151

KPFF is an equal opportunity employer.

JCE STRUCTURAL ENGINEERING GROUP, INC.

Project Manager/Project Engineer/
Structural Designer/Revit Draftsman

We are seeking highly technical & motivated individuals. Great opportunities for growth & advancement in career. Positions are available for engineers with 5+ years of experience. Projects include Seismic Retrofit and new Construction of Buildings. These projects include: New Construction of Schools, Colleges, Universities, Hospitals, High-Rise Buildings, etc. Our Seismic Retrofit projects include the use of Performance Base Design.

Desired Qualifications:

- * MS degree in Civil Engineering with a Structural emphasis.
- * CA P.E. Minimum / S.E. Preferred
- * Strong Seismic Engineering background.
- * Strong analytical skills & experience in Structural Engineering Software, incl. ETABS, SAP, RAM, etc.
- * Excellent written, verbal communication skills, teamwork skills and self motivation.
- * Ability to work on multiple and variety of projects.
- * Project Management Experience
- * OSHPD, DSA, Revit experience is a plus.

E-mail Cover Letter and Resume to: jceinfo@jcesegroup.com

City of Livermore, CA: Plan Check Engineer

\$8,105.20 - \$9,851.92/Mo.

Performs professional building and plan examinations for code compliance for construction or alteration of industrial, commercial, and residential structures. Assists customers at the counter and over the phone focusing on value added, solution-oriented results.

Requires: Equiv. to BS/BA from an accredited college in structural or civil engineering and two years experience in structural, architectural, or civil engineering building design, review, and inspection work related to building code compliance. Related experience working for City/County/State is highly desirable.

Requires CA Professional Civil Engineer registration. CA Structural Engineer registration is highly desirable. Also requires I.C.C. Plans Examiner Cert. within 12 mos. of hire.

Qualified applicants may apply to HR at www.cityoflivermore.net by 5:00 pm, 6/29/15. EOE.

KNA CONSULTING ENGINEERS -- IRVINE

KNA Consulting Engineers has immediate openings for motivated engineers at all experience levels. KNA specializes in structural engineering of educational, civic and healthcare facilities. We are located in Irvine just minutes from the Spectrum. Our team is a dedicated group of resourceful, friendly, innovative and hard working professionals and we are looking for the same qualifications in responding candidates. Successful candidates shall possess excellent communication skills and be able to effectively collaborate with clients, owners, contractors and other design professionals. KNA offers competitive compensation along with a comprehensive benefit package.

REQUIRED QUALIFICATIONS: BS-ARCE or BSCE (structural) from an accredited university, California seismic engineering background and proficiency with the California Building Code and other related codes. Experienced candidates should also have PE or SE license, OSHPD or DSA experience and working proficiency with Revit. Entry-level candidates should have EIT Certification.

PLEASE DO NOT RESPOND IF YOU DO NOT MEET THE REQUIRED MINIMUM QUALIFICATIONS. Qualified candidates are invited to submit their resume along with a cover letter to careers@KNAconsulting.com. For more information, please visit us at www.KNAconsulting.com. NO PHONE CALLS PLEASE.

BOARD OF DIRECTORS

July 1, 2015 - June 30, 2016

The SEAOSC Board of Directors works on the behalf of our membership. If there are general or specific items you would like to see the Board of Directors address or discuss please contact any of the SEAOSC Board members.

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mkambiron@awc.org
805-410-2877

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310-665-0010

SEAOSC Executive Director

Lynn Hanger
seaosc@seaosc.org
562-908-6131

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

COMMITTEE LEADERS

Committees	*Board Contact Chair(s)	Phone	Email
Membership	Kelsey Parolini*	805-439-2110	kelsey@smithstructural.com
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Image & Public Relations	Ken O'Dell* Samuel Mengelkoch	562-985-3200 310-323-9924	kodell@mhpse.com smengelkoch@structuralfocus.com
Technology	Lynn Hanger* Casey Hemmatyar	562-908-6131 888-889-5643	seaosc@seaosc.org ckh@psfeg.com
Education	Michelle Kam-Biron* Rachel Gutmann Sub Cmte: Webinars Tim Kaucher	805-410-2877 818-285-2650 714-738-2151	mkambiron@awc.org gutmann@coffman.com tkaucher@strongtie.com
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Seismology	Colin Kumabe* Jesse Karns Sub Cmte: Research Doug Thompson Sub Cmte: Steel Bldgs. Ashi Dhalwala	213-482-0447 562-964-7962 949-599-0320 310-828-1422	colin.kumabe@lacity.org jkarns@sideplate.com doug@stbse.com cegin1@yahoo.com
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*Please visit
www.seaosc.org/about-structural-engineering/committees
to view the annual
committee charges and
tasks.*

