



Los Angeles Mayor's Call to Action to Seismically Strengthen City: A Memo from the SEAOSC Board of Directors



Mayor Garcetti announces his earthquake plan with President Kevin O'Connell on far right.

As practicing engineers we are charged by our licensing rules and the building code to safeguard life, health, property, and public welfare. However, in our daily efforts we often focus stringently on the safeguarding of life through code-based "life-safety" standards, while letting the other charges of protecting property and public welfare settle into our subconscious as after thoughts of the first.

The announcement on Monday, December 8, 2014, by Mayor Garcetti in Los Angeles, could be seen as a call to our SEAOSC membership to provide our engineering expertise beyond the building

footprint and into the domain of protecting the public welfare of greater Los Angeles. As the Mayor states, "the known risks - to life, property and our overall economy - are too great", for us to limit our solutions to a single building project. Instead we should prepare ourselves to participate in a growing dialogue which recognizes that single buildings, standing alone, do not make a city.

As many of you may know, SEAOSC is actively participating in the conversations led by Dr. Jones regarding building earthquake performance. We will continue to engage and support the decision making process as this moves

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JANUARY

- 6** Existing Buildings Committee Meeting
GoToMeeting
- 7** "Resilience By Design: City of LA Plan to Reduce Seismic Vulnerability"
Los Angeles Dinner Meeting
Luminarias, Monterey Park
- 9** SEAOSC NEWS Content Submission Deadline for February Issue
- 14** Image & PR Committee Meeting
GoToMeeting
- 20** Seismology Committee Meeting

FEBRUARY

- 4** Annual Student Job Fair & Scholarship Awards
Luminarias, Monterey Park
- 6** SEAOSC NEWS Content Submission Deadline for March 2015 Issue
- 20-21** Winter Education Programs
The Grand Event Center, Long Beach
- 25** "BPELSG Licensing Issues"
TriCounty Dinner Meeting
San Luis Obispo

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PRESIDENT'S MESSAGE

Change is good.



By Kevin O'Connell, S.E.

"CHANGE is going to make for a better, **safer,** and more **resilient** community"

January 2015

Change is good. Change is necessary. And yes, change can be a little scary. But, when the structural engineering profession has the opportunity for change, and that change is going to make for a better, safer, and more resilient community, we have to change. More than that, structural engineers need to push to make the community safer. That is exactly what has happened over the last year. Structural engineers, and SEAOSC in particular, have worked diligently for change.

As you have no doubt seen, City of Los Angeles Mayor Eric Garcetti recently announced his plan, Resilience by Design, to reduce seismic risk and improve community resiliency throughout the City of Los Angeles. The Structural Engineers Association of Southern California commends Mayor Garcetti for his leadership shown in working with Dr. Lucy Jones to prepare this report which will improve the safety and resiliency of Los Angeles.

Over the past year, SEAOSC (your association) has been assisting with this effort on your behalf. SEAOSC's effort began many months ago when we reached out to Dr. Jones to see how SEAOSC could help. Michael Cochran, Doug Thompson, and I met with her a couple times to discuss the different issues and vulnerabilities related to wood-framed soft-story and non-ductile concrete buildings. Dr. Jones quickly understood the structural concerns with these building types and started to formulate a plan to address the risks.

In May of 2014, Mayor Garcetti invited various SEAOSC members to participate in a Technical Task Force to make recommendations on the technical parameters and requirements for a 1) Wood-Framed Soft-Story Building Retrofit Ordinance, 2) Non-Ductile Concrete Building Retrofit Ordinance, and 3) Seismic Safety Building Rating System. SEAOSC, along with the Applied Technology Council and the Los Angeles Department of Building and Safety, worked closely with Dr. Jones and personnel from the Mayor's office throughout the summer and autumn to formulate these recommendations which the Mayor announced at his December 8, 2014 press conference.

Members of your association spent significant time on these efforts, and their commitment to changing the discussion on building seismic performance in Los Angeles is commendable. The dedicated SEAOSC

members who worked on the Technical Task Force included: Michael Cochran, David Cocke, Mel Green, Mike Mehrain, Farzad Naeim, Kevin O'Connell, Doug Thompson, John Wallace, and SEAOSC member Bill Holmes. SEAOSC members working on the effort though LA DBS included Ray Chan, Victor Cuevas, Ifa Kashefi, Colin Kumabe and many others. SEAOSC would like to thank all of these individuals along Dr. Jones and her staff and Mayor Garcetti and his staff.

SEAOSC will continue to work on behalf of our members so that we are ready when the community needs to find engineers who can help them with Wood-Framed Soft-Story Buildings or Non-Ductile Concrete Buildings as well as Seismic Building Ratings. More information to come.

2015 will get off to a big start with our January Dinner meeting where SEAOSC and LADBS will present on various parts of Mayor Garcetti's Resilience by Design plan. Be sure to attend. In February we will have the annual SEAOSC Job Fair and Student Scholarship night. SEAOSC appreciates our members generosity in contributing to these scholarships. The Winter Education Program planning is well underway, look for more information soon on these upcoming technical presentations.

The 2014 SEAOSC Holiday Party at the Jonathan Club was another fantastic event. Although we had to move the cocktail hour inside due to the rain, we were in a beautiful room and had a great time catching up with old friends and making new ones by matching holiday phrases on our name tags (thanks Lynn!). Moving to the library, dinner and dessert were delicious, and listening to the carolers made the evening even more memorable. I hope everyone that was there enjoyed themselves, and for those that were not able to make it, we hope to see you next year. Thank you to Kelsey Parolini, Nathan Jo, and Lynn Hanger for planning the event, and thank you to Computers and Structures, Inc. for being our sponsor.

This is always such a wonderful time of year. I hope each of you is able to get away from the office and spend a little (or a lot) of time with family and friends. Happy Holidays!

Respectfully, Kevin O'Connell, S.E.

Los Angeles Mayor's Call to Action to Seismically Strengthen City: A Memo from the SEAOSC Board of Directors

(Continued from Page 1)

from mayoral initiative to effective City policy. The linked articles will help you get up to speed with where the process stands today. Over the coming weeks and next few months we will keep you informed of additional developments as they unfold. We encourage you to attend the January 7th SEAOSC Dinner meeting, "Resilience By Design: The City of Los Angeles Plan to Reduce Seismic Vulnerability" which will be on the current status of City of LA Ordinances.

SEAOSC's participation in activities such as this provides

a clear example of how the association endeavors to add value to your membership by enhancing the profession of Structural Engineering in the State of California and providing a portal for the public to find structural engineers. But don't forget, your Association is only as strong as the participation of its membership...so, check back with us often for more info, updates, and ways to get involved to support this and other important activities.

Sincerely, Kevin O'Connell,
SEAOSC President, & all of the SEAOSC Board of Directors



2014 SEAOSC HOLIDAY PARTY, SPONSORED BY CSI: Wednesday December 3rd, 2014

EVENT
UPDATE



SEAOSC capped off 2014 with its Holiday Party at the Jonathan Club on December 3rd. Despite the heavy rains, we had a successful turnout with 71 attendees, including 8 Young Professionals, who thoroughly enjoyed the evening's live music, friendly conversation, and a festive holiday feast.

New this year was a name-tag matching game- each person's name-tag had half of a holiday phrase, encouraging attendees to seek out the other half to introduce themselves. **Tim Kaucher's** challenge had him searching for his complement to "Hot" (see photo at left), which was **John Coil's** "Chocolate". The game really got people talking and laughing!

The 50/50 raffle raised \$355 for the February 4, 2015 Student Scholarship awards, and congratulations to the raffle winner **Lorena Arce**. In true holiday spirit, Lorena graciously donated her winnings back to the SEAOSC scholarship fund!



Additionally, let us take this opportunity to thank event sponsor CSI and venue host **Mr. Jahnah Risha** for their generous support of SEAOSC. Plans are underway for next year's event- perhaps a tacky sweater contest? If you have any suggestions or ideas, please contact the Membership Committee, see last page of this issue for contact information.

Here's what attendees had to say:

"I liked the "extra touches"- the jazz combo and carolers. Also, the name game was fun and a great way to get to know people, although after you found them I wasn't sure what we were supposed to do then (maybe that was the point, though....). I will definitely be back."

Regards, **Alan Hanson**



"My wife and I thoroughly enjoyed the Holiday Party. Good food, good company, and good music. We would very much encourage doing the evening again next year."

Thanks, **Jack Bruce**

WELCOME NEW MEMBERS

November 2014

Affiliate

Jerry Bronstrup

Foundation Tech, Inc.

jbronstrup@foundationtechnology.com

Industry

Ruben Rivadeneira

Hilti, Inc.

ruben.rivadeneira@hilti.com

Associate

Kyle L. Maddux

Watry Design, Inc.

kmaddux@watrydesign.com

Oswaldo Salas

Grimm & Chen Structural Engineers

osvaldos@gcstructural.com

Students

University of Southern California

California State Polytechnic University, Pomona

ENGINEERING OUTREACH

SEAOSC Young Member Committee Volunteers with UCLA Seismic Outreach Program for Student Engineers *Structures Built with K'NEX Erector Sets*



Lemuel del Castillo
Student Member since 2014

The event held on December 5, 2014 was about middle schools kids making a small scale building using K'NEX pieces. The models created will be placed in a shake table to see which building will survive an earthquake. I came into the event expecting little kids excited to showcase their impressive projects. The hall was filled with energetic middle school students who were enthusiastic about the projects they just made. The instructions were make a building using these limited amount of K'NEX materials and make the building reach a certain height. I was to judge their projects based on their structural designs and enthusiasm about the project. According to the students I talked to, the teachers emphasized bracings that would help the students' projects survive the shake table. I was happy to see these little kids to be excited and curious about structural engineering.

Students presented their projects in various ways. Some simply explained their project off the top of their heads while others had a piece of paper to explain their projects. The ideas that the students showed to me stoked my curiosity about where these ideas came from. I saw the creativity that these students possessed. It was certainly a unique experience for me to hear these students share their projects. Some projects were structurally unfeasible but some students actually made impressive buildings. The feat they accomplished is even more impressive when you know that the materials they used were uneven and varied in shape. The kids were still able to construct interesting buildings with these materials.

I represented SEAOSC by providing structural engineering advice that would make their projects better. Some students were fascinated to know why putting lateral bracings in the lower parts of the building made their projects stronger. I hope I was able to satisfy their curiosity about structural engineering and hopefully some of these middle school students may end up as structural engineers in the future!



*SEAOSC donated
\$500 for supplies for the
second consecutive year!*



**ERIC GARCETTI
MAYOR**

**MAYOR ERIC GARCETTI
CITY OF LOS ANGELES**

**FOR IMMEDIATE RELEASE
December 8, 2014**

Contact: Communications Office, 213-978-0741

MAYOR GARCETTI ANNOUNCES EARTHQUAKE PLAN FOR LOS ANGELES

Read the Resilience by Design Report at www.lamayor.org/earthquakes

LOS ANGELES – Mayor Eric Garcetti today released Resilience by Design - a plan to address the city's greatest earthquake vulnerabilities, including building retrofitting and steps to secure our water supply and communications infrastructure.

Mayor Garcetti's Science Advisor for Seismic Safety Dr. Lucy Jones, a renowned United States Geological Survey seismologist, led the development of this report and assembled technical experts and consulted with businesses, property owners and other stakeholders to help inform the City's action steps. Dr. Jones was appointed in January, under a unique partnership with the US Geological Survey.

"Los Angeles has always been an epicenter of seismic risk," Mayor Garcetti said. "But today we are taking bold action to make LA an epicenter of earthquake preparedness, resilience and safety. Instead of being complacent and then jarred into action by a devastating earthquake, LA is moving forward proactively with a comprehensive package of preparedness and resiliency measures to fortify our buildings, protect our water supply, and keep our telecommunications online when the 'Big One' hits."

Mayor Garcetti's plan would require retrofitting of two types of vulnerable buildings. Retrofits would be required within 5 years at "soft-first-story" buildings built prior to 1980, and retrofits would be required within 25 years at "non-ductile reinforced concrete" buildings built prior to 1980.

The plan recommends significant investments in fortifying our city's water supply, including developing an alternative water system for firefighting, protecting our aqueducts that cross the San Andreas Fault, increasing local water sources, and developing a network of resilient pipes.

The plan also calls for upgrades to our city's telecommunications network to enable Internet and mobile connectivity after an earthquake, including creating partnerships with providers for shared broadband services after disasters, protecting power systems at fault crossings, creating a solar-powered citywide Wi-Fi network to avoid power disruptions, and fortifying cell phone towers.

"We acknowledge that we cannot prevent 100% of the losses in an earthquake. What we are trying to do is prevent the catastrophic collapse of our economy by addressing the biggest vulnerabilities," said Dr. Lucy Jones. "And if all of these recommendations are enacted, I believe that Los Angeles will not just survive the next large earthquake but we will be able to recover quickly and thrive."

You can read an executive summary and the entire Resilience by Design report at www.lamayor.org/earthquake

"As one of the premiere organizations representing commercial building owners, BOMA Greater Los Angeles has appreciated the strong leadership provided by Mayor Eric Garcetti and Dr. Lucy Jones on seismic retrofit. The process has been open and collaborative, which is crucial to enhancing building resilience, protecting tenants and preserving a vital economic base in Los Angeles," said Michele Ware, President of the Building Owners and Management Association of Greater Los Angeles.

"The Department of Building and Safety is committed to ensuring the success of this endeavor to making the City of Los Angeles a safer city and more resilient after a catastrophic event. The department will establish a specialized unit dedicated to implementing the recommendations contained within this report. Services provided by this unit will include preparation of construction retrofit standards, easy-to-follow guidelines, public outreach workshops, and expedited plan review and inspection approval process," said Raymond Chan, General Manager of the Department of Building and Safety.

"The US Resiliency Council is fully supportive of the Mayor's recommended program that includes the voluntary use of the USRC Building Rating System for the Earthquake Performance of Buildings. The voluntary use of a building rating system that communicates the risk of earthquake hazards in consistent, reliable, and understandable terms will inform owners, tenants, buyers and sellers, lenders and insurers, and policy makers, about the performance of the buildings in which they live, work and invest. LA City will be the first city in the world to adopt the Rating System and it will bring market forces to bear on the long term resilience of the City. This is a bold and important development.

"The public generally holds to the misconception that a building built to modern codes in California is 'earthquake proof.' In fact, even the current code is only intended to produce buildings that avoid collapse in a large, rare event such as a repeat of the 1906 San Francisco Earthquake. The possibility that hundreds or thousands of newer structures might be left uninhabitable, nonfunctional and essentially total losses after such an event nonetheless conforms to the Building Code's intent, even though such an outcome would not meet the public's expectations, who expect their communities and businesses to rebound quickly. Christchurch, New Zealand was a very recent example of a major city in an earthquake prone area that was subjected to its maximum credible earthquake. Only two buildings collapsed during the February 2011 event, but 70% of the buildings in the downtown have now been demolished," said Ron Mayes, Executive Director of the United States Resiliency Council.

"The Structural Engineers Association of Southern California (SEAOSC), representing the local structural engineering community, greatly commends Los Angeles Mayor Eric Garcetti and his office for the leadership in partnering with building owners to improve the city's seismic resilience through implementation of new mandatory earthquake retrofit programs. These new programs will improve the earthquake performance of some of Los Angeles's more vulnerable buildings that could collapse during a major earthquake. Los Angeles during the last year has undertaken the tremendous task of understanding the earthquake collapse risks associated with Soft-Story Wood Framed Buildings and Non-Ductile Concrete Buildings. The City has sought the expertise of the structural engineering community on how to structurally address these issues, while also partnering with building owners for implementing timelines to complete the seismic retrofit programs for these types of buildings. Thereby bringing the Los Angeles community together, enhancing the performance of these earthquake vulnerable buildings which is critical to Los Angeles Cities disaster resiliency planning.

"We congratulate the Mayor's office for taking the stance that Los Angeles will be the first city in the nation to rate the earthquake performance of publicly owned buildings. Once rated and publicly posted, the ratings will help Angelinos' understand the City's commitment to safe public buildings and hopefully encourage other building owners to get their buildings rated as well. This commitment and the implementation of retrofit programs to enhance earthquake performance and increase public awareness is critical to the resiliency and sustainability of the greater Los Angeles community. SEAOSC is proud to have been able to assist Mayor Garcetti, Dr. Lucy Jones, the Los Angeles City Department of Building and Safety, as well as the Los Angeles community in these important efforts," said Michael Cochran, President of the Structural Engineers Association of California.

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Los
Angeles
Times



Advertisement

**Portland, OR Seismic Peer Review Services
Request for Proposal (# BDS022)**

The City of Portland, Bureau of Development Services (BDS) has issued a Qualifications Based Selection Request for Proposal (Solicitation # BDS022) to provide on-call Seismic Peer Review services for building project proposals having concrete core walls greater than 240 feet in height. Peer Reviews will be required for projects that use Performance Based Design Methodology under the provisions of sections 104.22 of the Oregon Structural Specialty Code (OSSC) and section 1.3.1.3 of ASCE 7-10. This RFP will be issued on Wednesday, December 17, 2014. Proposals are due Tuesday, January 6, 2015. Please register at www.ebidexchange.com/cityofportland for further information on this solicitation.

KEVIN O'CONNELL
PRESIDENT

MICHELLE KAM-BIRON
PRESIDENT-ELECT

JEFF ELLIS
TREASURER

RYAN SMITH
SECRETARY



**STRUCTURAL ENGINEERS ASSOCIATION
OF SOUTHERN CALIFORNIA**
A Non-Profit California Corporation

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Press Release
For Immediate Release – December 8, 2014

The Structural Engineers Association of Southern California (SEAOSC), representing the local structural engineering community, greatly commends Los Angeles Mayor Eric Garcetti and his office for the leadership shown in working with Dr. Lucy Jones and in partnering with building owners to improve the city's disaster resilience through the implementation of new mandatory earthquake building retrofit programs. With a history rich in assisting governing officials develop city building ordinances and state and national codes; SEAOSC was pleased to respond to the Mayor's request to have SEAOSC add their expertise to Los Angeles's resiliency conversation. The new programs put forth by the Mayor will improve the performance of some of Los Angeles's more vulnerable buildings that could collapse during a major earthquake. We congratulate the Mayor's office for taking the stance that Los Angeles will be the first city in the nation to rate the anticipated seismic performance of publicly owned buildings. Once rated and publicly posted, the ratings will help Angelinos and the surrounding communities understand the City's commitment to safe public buildings. This commitment and the implementation of retrofit programs to enhance earthquake performance and increase public awareness is critical to the resiliency and sustainability of the greater Los Angeles community.

SEAOSC also commends the wide community of building owners for working with the City of Los Angeles to develop best processes to implement earthquake retrofitting programs for Soft-Story Wood Framed Buildings and Non-Ductile Concrete Buildings. Without building owner's continued support for building safety this would not be possible. These two building types are considered to have significant vulnerability and the potential for collapse during an earthquake. However, regardless of building type, SEAOSC encourages all building owners to follow the city's lead and have their buildings evaluated for earthquake performance and publicly post the rating on their building. It is the association's belief that this display of the owner's commitment to better building performance can enhance the financial position of their investment through an increased safety awareness of their tenants and the public at large. This increased performance awareness is the beginning of a truly resilient community; one that is capable of withstanding the economic impact of a severe natural disaster and recover more quickly from a major earthquake event.

###



Los Angeles Dinner Meeting

Wednesday, January 7, 2015

Resilience By Design: City of Los Angeles Plan to Reduce Seismic Vulnerability

We encourage you to attend the January 7th SEAOSC Dinner meeting, "Resilience By Design: The City of Los Angeles Plan to Reduce Seismic Vulnerability" which will be on the current status of City of LA Ordinances.

Speaker(s) To Be Determined

Location: Luminarias, 3500 Ramona Blvd., Monterey Park, CA 91754

Time: Registration and Networking 5:30pm, Dinner 6:30pm, Program 7:30-8:30pm

Cost: Member \$35, Students: \$25, Walk-ins \$45, Table of 8 \$245

Please inform SEAOSC in advance if you prefer a vegetarian entree.

Reservations: Make advance reservations via SEAOSC.org, fax or email. "Walk-ins" welcome at \$45 per person. Cancellations must be received 3 business days prior to event date for full refund.

DINNER MEETING RESERVATION FORM

Please print legibly!

Attendee(s): _____ @ \$35 = \$ _____

Students: _____ @ \$25 = \$ _____

Table of 8: _____ @ \$245 = \$ _____

of Vegetarian Entrees Requested: _____

TOTAL = \$ _____

Attendee Name(s): _____

Phone: _____ Email: _____

Card number: _____ Expiration date: _____

Signature: _____ Zip Code: _____ CVV Code: _____



Student Scholarship & Job Fair Donations

Please submit your donations and program content by January 17, 2015.

SEAOSC will present scholarships to outstanding undergraduate students from Southern California that are pursuing degrees in Civil Engineering with an emphasis in Structural Engineering. The financial awards are contingent upon the donations received by SEAOSC members and local engineering firms.

**Scholarship Awards Ceremony will be held on Wednesday, February 4, 2015,
At Luminarias Restaurant, 3500 Ramona Blvd, Monterey Park, CA 91754
Registration available online at www.seaosc.org.**

Silver: \$150-499

- Text recognition of your name or firm in the program
- A compilation of participating student resumes on a CD

Gold: \$500-999

- Text recognition of your name or firm in the program including your choice of a short firm biography or short descriptions of up to 2 open job positions
- A compilation of participating student resumes on a CD
- Your choice of a job fair table for 2 company representatives (does not include dinner) OR a sponsored dining table including 2 dinner entrees

Platinum: \$1000+

- Logo recognition of your name or firm in the program including your choice of (1) a short firm biography or (2) short descriptions of up to 2 open job positions
- A compilation of participating student resumes on a CD
- Both a job fair table for 2 company representatives AND a sponsored dining table including 2 dinner entrees

Please direct questions to Event Chair: Nathan Jo, nathanjo@gmail.com

Please return form with payment and attachments via email: seaosc@seaosc.org, fax: 562-692-3425, or mail: 1105 S. Euclid St. #D409, Fullerton, CA 92832. Please make checks payable to "SEAOSC".

STUDENT SCHOLARSHIP DONATIONS

Scholarship Donation Amount = \$ _____

Contact Name: _____ Phone: _____

Email: _____

Donor Name To Appear in Program: _____

Firm Name To Appear in Program: _____

Mailing Address to receive Resume CD: _____

Please select:

Program Inclusion: _____ Firm Bio (text) _____ 2 Job Positions (text) _____ Company Logo (.jpg)
Please email to Paul St. Pierre, paulleonstpierre@gmail.com by Jan. 17, 2015.

Table Choice: _____ Job Fair Table AND/OR _____ Dinner Sponsorship Table
Company Representative Names (2): _____

Card number: _____ Expiration date: _____



Student Scholarship Awards Night

Wednesday, February 4, 2015

Speaker: Jerry McCann, S.E.

Graduating from Cal Poly, San Luis Obispo (undergraduate) Univ. of CA, Berkeley (Masters), he has spent almost 20 years living abroad in Africa. His experience as both an engineer abroad and in the peacebuilding sector, has allowed him to both recognize and challenge the misperceptions of working in lesser developed countries. Now the Deputy Director of Interpeace, overseeing its global operations, he has supported complex processes of peacebuilding in over 20 countries. He attributes much of his success in the peacebuilding field with his development and practice as a structural engineer and construction manager.

Topic: Global Misperceptions – Challenging the Deterrents of Engineering Opportunities Abroad in Developing and Under-developed Countries

Abstract: In the globalized realities of the 21st century, prospects for careers and opportunities can reach far beyond the borders of the United States. While both professional opportunities and global needs offer structural engineers alternatives to the more traditional, US-based positions, many young engineers do not consider this unique direction. Many of those who do look to engage in the profession abroad are confronted with challenges that come from the misperceptions they bring. For those interested in exploring work abroad, including many sectors of international development that can benefit from the skills of engineers, understanding the deterrents of both opportunities and success abroad can give one a strategic advantage going in. Jerry McCann will share his perspectives, looking at both the challenges to pursuing work abroad, especially in the emerging markets of developing and under-developed nations, and the opportunities that await those able to overcome such challenges.

Location: Luminarias Restaurant, 3500 Ramona Blvd, Monterey Park, CA 91754

Time: Job Fair & Social Networking 3:30-6:30 pm; Welcoming remarks & Keynote Speaker 6:30 pm; Dinner 7:30 pm; Awards 8:00- 9:00 pm

Cost: \$35; Students: Free; Walkins \$45;
See additional information for sponsorships and scholarship donations. Meal Donations to offset the cost of student dinners are appreciated.

LOS ANGELES DINNER MEETING RESERVATION FORM: Feb. 4, 2015

Please print legibly!

Attendee(s): _____ @ \$35 = \$ _____

Students: _____ @ **FREE!**

Meal Donation: _____ = \$ _____

Scholarship Donation: _____ = \$ _____

TOTAL = \$ _____

Name(s): _____

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Card number: _____ Expiration date: _____

Signature: _____ Zip Code: _____ CVV Code: _____

Address where you receive your credit card bill:



Tri-County Dinner Meeting

Wednesday, February 25, 2015

For those within our Tri-County region, save the date for the upcoming February 25th Dinner Meeting in San Luis Obispo. We will be joined by Richard Moore and board members from the Board for Professional Engineers, Land Surveyors, and Geologists (BPELSG) to discuss board enforcement issues, current PE and SE examinations, SE licensing, and pending/proposed state legislation affecting our industry.

Thanks.
Kelsey Anne Parolini, P.E., S.E.
Senior Structural Engineer

Location: San Luis Obispo, venue to be determined

Time: Registration and Networking 5:30pm, Dinner 6:30pm, Program 7:30-8:30pm

Cost: Member \$35, Students: \$25, Walk-ins \$45, Table of 8 \$245

Please inform SEAOSC in advance if you prefer a vegetarian entree.

Reservations: Make advance reservations via SEAOSC.org, fax or email. "Walk-ins" welcome at \$45 per person. Cancellations must be received 3 business days prior to event date for full refund.

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Students: _____ @ \$25 = \$_____

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of Vegetarian Entrees Requested: _____

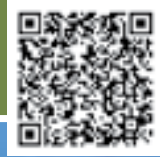
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Attendee Name(s): _____

Phone: _____ Email: _____

Card number: _____ Expiration date: _____

Signature: _____ Zip Code: _____ CVV Code: _____



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Photos: Mercer Court, University of Washington, Ankrom Moisan Architects, courtesy WG Clark Construction
Arena Stage at the Mead Center for American Theater, Nic Lehoux, courtesy of Bing Thom Architects

CLASSIFIED ADVERTISEMENTS

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:

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CA P.E. Minimum / S.E. Preferred

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Strong analytical skills & experience in Structural Engineering Software, including ETABS, SAP, RAM, etc.

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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

KNA Consulting Engineers, Inc.

KNA Consulting Engineers has an immediate opening for engineers at all experience levels. Qualified applicants must have an ARCE or BSCE Degree (Structural) from an accredited University, proficiency in seismic design, working knowledge of Revit, excellent communication skills and be able to demonstrate good application of learned analytical skills. Previous engineering intern experience is a plus.

KNA is located in Irvine, CA and specializes in the structural design of educational, civic and healthcare facilities.

For additional information, please visit our website at www.KNAconsulting.com.

Interested candidates are encouraged to contact us at careers@KNAconsulting.com. KNA offers competitive compensation along with a comprehensive benefit package.

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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. P.E. or Structural licensed preferred.

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BOARD OF DIRECTORS

July 1, 2014 - June 30, 2015

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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.

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