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President’s Message

Greeting ASCE members, I would like to first introduce myself. I am Lauren Popescu and I work for the City of Fontana. I am the incoming ASCE Riverside-San Bernardino Branch President for this 2010-2011 year.

Have you realized there have been a few changes in the Branch Board of Directors Leadership? Scott Petersen of TKE Engineering was elected last year by our membership to serve as the incoming President. Scott has been accepted this year for the Congressional Fellow Program and will be heading to Washington D.C. where he will be directly involved in the process of federal legislation. He will be developing not only new leadership skills, and more importantly, ASCE will have a member with experience, knowledge and contacts at the Federal level. Scott will be working on Capitol Hill for one year as either a staff member on a committee, or for a U.S. Senator or House Representative. I am sure he will keep us posted about his experience in our great Nation’s Capital.

An addition to the board is Bill Flores, Jr. of HDR, Inc. He has been kind enough to volunteer his time and take the position as President-Elect for one year during Scott’s absence. Bill will be a great asset to this Board because of his vast knowledge of ASCE. In the past, Bill has held every officers position on the Board, including two terms as president. He also is currently the Chairman for the Storm Water committee which he helped form. I would like to personally thank Bill for stepping up to the plate and helping the Board this year.

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Lauren Popescu, PE ASCE President,
San Bernardino/ Riverside Counties Branch of the LA Section of ASCE
This month in Engineering:
Completion of the Gateway Arch

The Gateway Arch, also known as the Gateway to the West, is part of the Jefferson National Expansion Memorial in St. Louis, Missouri. Built as a monument to the westward expansion of the United States, it has become the city’s iconic image. It was designed by architect Eero Saarinen and structural engineer Hannskarl Bandel in 1947. It is 630 feet (192 m) wide at its base and stands 630 feet (192 m) tall, making it the tallest monument in the United States. Construction started on February 12, 1963, and ended on October 28, 1965 costing $13 million. It is the tallest habitable structure in Missouri. The monument opened to the public on July 10, 1967.
The newest person to join the board is Brandon Reyes, of RBF Consulting. He has already shown a lot of enthusiasm with his motivation in his new role as the newsletter Editor. I’m sure that he will be a great ASCE leader as the years progress.

I also want to introduce the other Board Members and Officers serving you this fiscal year. Rita Escobar, of AECOM, as Vice-President setting up your meeting venues among her other duties. Should you have any suggestions as to where to meet, please share those with Rita. Matthew Addington, of Rancho Cucamonga, as your Treasurer, and Edwin Quinonoz, Riverside County Flood Control and Water Conservation District, as your Secretary.

Your Board is looking for an enthusiastic engineer who would like to serve as an Officer and rotate through the Chairs. If you are interested in the position of Assistant Newsletter Editor please see me at our next general membership meeting at Dave and Buster’s in Ontario on October 20th.

In closing, I would like to say is that the Board of Directors for this year has some great events with dynamic topics planned. I know we will be able to fulfill our goal of giving more value to our ASCE Branch. If anyone has any questions or ideas please feel free to contact me at lpopescu@fontana.org.

September Meeting Recap

On Wednesday Sep 22, 2010, the ASCE San Bernardino & Riverside Counties Branch had our monthly meeting at the Mexican Bar & Grill in Riverside. David Luzuria of the Board of Professional Engineers and Land Surveyors spoke about the Latest Legislation and other happenings on behalf of the board. David covered many topics pertaining to Professional Engineering in California and fielded many great questions from those in attendance.

Brian Wolfe, 2009-2010 Branch President, said his farewells to the group and passed the baton over to Laurentiu “Lauren” Popescu as the new incoming president.

The meeting was a hit as always, and we look forward to seeing you all at the next meeting.
October Meeting

Building Information Modeling for Civil Engineers

A Building Information Model (BIM) is a process of utilizing intelligent objects within a compilation of software tools in order to design, virtually construct and ultimately manage a project. A key element of the BIM process is the communication between all stakeholders on a project and harnessing of essential intelligent data for use by the owner.

Speaker: Ron Moreno, PE, PLS, Project manager for RBF Consulting

Ron Moreno PE, PLS has been in the industry since 1990 beginning his career surveying for the Palo Verde irrigation District in Blythe, CA and moving into the Engineering field with RBF Consulting since 2000. In addition to his duties at RBF, Ron moreno has served as President of the Desert Chapter of CLSA and teaches at Cal Poly Pomona as an adjunct Faculty member in the Geospatial Department. Ron Moreno also works closely with Autodesk presenting new technologies such as Building Information Modeling (BIM) around the State in an educational capacity for the industry.

Date: Wednesday, October 20, 2010
Time: 11:30am-1:00pm
Location: Dave & Buster’s Ontario
4821 mills Circle
Ontario CA 91764
Cost: $25 members w/RSVP
$30 non-members or no RSVP
$12 students
Deadline: October 10, 2010
Additional info: Rita Escobar
Rita.Escobar@aecom.com
714.567.2498

November Meeting

California – Where is it going?

California is a dynamic state for both the economy and its leadership. Assemblyman Jeffries will share his opinions on the State Budget, the newly elected governor and other issues affecting the State of California.

Speaker: Assemblyman Kevin Jeffries State Assembly 66th District

After a career of public service, Assembly member Kevin Jeffries took the oath of office in November 2006 to represent the constituents of the 66th Assembly District in the State Legislature. In the Assembly, Kevin is the Vice-Chairman of the Transportation Committee, and sits on the influential Budget and Governmental Organization (GO) Committees. He serves as Chair to the Rural Fire Protection Working Group, is a member of the Assembly Republican Working Group on Water Storage, and active in the Assembly Republican Budget Reform Working Group. Kevin has a long and trusted history of public safety service with 29 years and over 4000 emergency responses as a Volunteer Firefighter. Upon his election to the Assembly, Kevin retired as President of the Western Municipal Water District and has over 19 years of local government experience as a Water District Director, and as a Parks and Recreation District Director. Kevin is a lifelong Republican with a proven history of working for fiscally conservative, pro-taxpayer, pro-business and jobs values.

Date: Friday, November 19, 2010
Time: 11:30am to 1:30pm
Location: Indian Hills Golf Course
5700 Club House Drive Riverside, CA 92509
Cost: $25 members w/ RSVP
$30 non-members or no RSVP
$12 students
Deadline: 11/10/10
Additional info: Matthew Addington
Matthew.Addington@cityofrc.us
(909) 477-2710 ext. 4202
Clever Engineer

A mathematician and an engineer are sitting next to each other on a long flight. The mathematician leans over to the engineer and asks if he would like to play a fun game. The engineer just wants to take a nap, so he politely declines and rolls over to the window to catch a few winks. The mathematician persists and explains that the game is real easy and lots of fun. He explains, “I ask you a question, and if you don’t know the answer, you pay me $5. Then you ask me a question, and if I don’t know the answer, I’ll pay you $5.” Again, the engineer politely declines and tries to get to sleep. The mathematician says, “Okay, if you don’t know the answer, you pay me $5, and if I don’t know the answer, I’ll pay you $50!” This catches the engineer’s attention, and he sees no end to this torment unless he plays, so he agrees to the game. The mathematician asks the first question. “What’s the distance from the earth to the moon?” The engineer doesn’t say a word, but reaches into his wallet, pulls out a five-dollar bill and hands it to the mathematician. Now, it’s the engineer’s turn. He asks the mathematician “What goes up a hill with three legs and comes down on four?” The mathematician looks up at him with a puzzled look. He takes out his laptop computer and searches all of his references. He taps into the air phone with his modem and searches the net and the Library of Congress. Frustrated, he sends e-mail to his co-workers all to no avail. After about an hour, he wakes the engineer and hands him $50. The engineer politely takes the $50 and turns away to try to get back to sleep. The mathematician then hits the engineer, saying, “What goes up a hill with three legs, and comes down on four?” The engineer calmly pulls out his wallet, hands the mathematician five bucks, and goes back to sleep.
Welcome in our 2010-2011 Board of directors

President
Lauren Popescu, PE  
(909) 350-7663  
lpopescu@fontana.org  
Lauren Popescu is a Registered Civil Engineer with the City of Fontana, Department of Engineering Traffic Section. The Traffic Section is responsible for the analysis of traffic congestion, delays and collision records, throughout the City. Lauren received his Bachelors of Science degree in Civil Engineering from California State University, Los Angeles in 2002. In 2004, he helped start the San Bernardino & Riverside Counties Branch Younger Member Forum (YMF), where he served as the first YMF President.

Vice President
Rita Escobar  
(714) 567-2498  
rita.escobar@aecom.com  
Rita Escobar is an engineer in training (EIT) and obtained her Bachelor of Science degree in Civil Engineering from California State Polytechnic University, Pomona. She is a design engineer for a variety of public works projects including storm drain plans, street plans, bike trail plans, and drainage reports.

Secretary
Edwin Quinonez, P.E.  
(951) 955-1917  
eequinonez@rcflood.org  
Edwin Quinonez is a Registered Civil Engineer with the Riverside County Flood Control and Water Conservation District. His typical duties consist of preparing master drainage plans, including all supporting hydrology calculations, hydraulic analyses, quantity and cost estimates, and maps. He obtained his Bachelor and Master of Science Degrees in civil engineering from the University of Southern California. He has been actively involved with the San Bernardino and Riverside Counties Branch Younger Member Forum (YMF) since its inception in 2004, and is currently serving as the forum’s President.

Treasurer
Matthew Addington, P.E., P.L.S.  
(909) 477-2710 Ext 4202  
matthew.addington@cityofrc.us  
Matthew Addington is a Professional Engineer and Professional Land Surveyor with the City of Rancho Cucamonga. Mr. Addington leads the Grading Division in the Building and Safety Department. Prior to joining the City of Rancho Cucamonga, Mr. Addington worked over 25 years in private practice. He earned his Bachelor of Science in Civil Engineering from California Polytechnic State University, Pomona and a Certificate in Project Management from University California Riverside Extension.

Past President
Brian D. Wolfe, PE  
(909) 798-7584 ext. 7  
bwolfe@cityofredlands.org  
Brian Wolf is a Registered Civil Engineer for the City of Redlands. His typical engineering duties include the design, project management, and construction support of water, sewer, and grading plans throughout the Inland Empire. Brian earned his Bachelor of Science in Civil Engineering from California State Polytechnic University, Pomona where he also works as part-time faculty.

Newsletter Editor
Brandon Reyes, EIT  
909.974.4967  
breyes@rbf.com  
Brandon is a Transportation Designer with RBF Consulting out of the Ontario Office. Brandon received his Bachelors of Science degree in Civil Engineering from California State Polytechnic University, Pomona in 2008. Since coming on full time with RBF in 2008, Brandon has assisted in design, planning and coordination on the SR-91 Widening Corridor Improvement Project.
Congratulations

New ASCE Student Chapter at California Baptist University

On August 11, 2010, the Board of Governors for Region 9 approved creation of the first ASCE Student Chapter in the Los Angeles Section in the last 40 years. This milestone also makes California Baptist University (CBU) the first ASCE Student Chapter within the geographic boundaries of the Inland Empire. In addition to Cal Poly Pomona, this approval increases to two the number of ASCE Student Chapters under the guidance of the Branch. In its quest to get ABET accreditation for the new Civil Engineering program (in its third year) the timely approval will definitely go a long way in meeting this goal.

The new student officers are President Michael Sampson, Vice President Matthew Collins, Secretary Teri Gibbs, Volunteer Coordinator Heather Crews. The Faculty Advisor will be Helen Jung and the School Dean is Anthony Donaldson. See photo.

As their Branch Practitioner Advisor, it was my pleasure to guide the school during this process and to coordinate efforts with the Branch and the Section to which I owe my gratitude for their support. But I especially want to thank Don Sepulveda, Karen Sepulveda, Russell Ryan and Jay Higgins of the LA Section; Brian Wolfe and Scott Petersen of the Branch; and Jim Covey (former faculty), Anthony Donaldson, Alex Shorts and Mike Sampson of CBU. Going forward, I am calling for a volunteer to assist me as a second Branch Practitioner Advisor for CBU (preferably 35 years and younger). As Co-Practitioner Advisor, you will be expected to serve as a liaison for Industry and coordinate efforts with the University Faculty Advisor. There will be a lot of hard work ahead of us to continue these efforts so any help would be appreciated.

On behalf of the Branch, congratulations to CBU on accomplishing this major milestone! The Branch looks forward to supporting CBU as a successful ASCE Student Chapter.

Bill Flores
CBU Practitioner Advisor
Type of Membership and Annual Dues (National)

Students: Free
Associate Member: $50 year of baccalaureate degree and first year after, then incremental increases to $205 over five years.
Member: $205 annually
Affiliate: $205 annually
Section (Branch) Dues: $45/year

1. National ASCE Student Membership is now FREE! Those who have chapters or clubs still must be a member of them before joining National. Log onto https://www.asce.org/online/ fill out the short application and instantly become a member of ASCE or call 1-800-548-ASCE (2723)
2. Online Membership renewal available, go to https://www.asce.org/renewal/inforenewal.cfm. You need your membership number, all payments must be made with a major credit card. An e-receipt is transmitted to the member upon completion of the transaction.

Over the summer your ASCE San Bernardino – Riverside Branch will be contacting you for a business card advertisement in your monthly newsletter. The proceeds from the business card ads defray the costs of newsletter so that the Branch funds can be used for purposes of providing student scholarships, Engineer’s Week in February where the Branch volunteers make presentations to the local high schools to generate interest in the field of engineering, and other community programs. The cost of the newsletter advertisement is $250 for a one-year subscription of 10 issues. Included with the Business Card advertisement is a business spotlight in the monthly newsletter where one or two businesses are highlighted. If you would like to reserve your spot early for next years newsletter please contact your Treasurer for next year – Matthew Addington at (909) 477-2710 ext 4202 and let him know which month you would like your Business Spotlight (1st in line gets first choice).
Available Space

Please see contact information below to have your companies business card displayed here.

If you’d like to have your business card or company information listed in the Professional Directory, please contact:

The Branch Treasurer, Matthew Addington, at (909) 477-2710 Ext. 4202 or email at

maddington@aeccom.com
REMINDER

October Meeting
Wednesday October 20th
At Dave and Busters
See page 5 for more info

P.O.Box 1545
Guaste, CA 91743

FIRST CLASS MAIL