



# San Bernardino & Riverside Counties Branch

Los Angeles Section, Region 9 - Since 1953

VOLUME 19, ISSUE 3

MARCH 2009

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## President's Message

The February Inland Empire Council of Engineers and Scientists Banquet was well attended this year. The University of Redlands provides a great venue, appropriate for the level of education of the attendees. It seemed you could not avoid bumping into someone with a Master or Doctorate. The speaker was a professor from UCR. Professors from San Bernardino State, California Baptist College and Cal Poly Pomona were also there. The subject was Nanotechnology and the Inland Empire. UCR has an impressive Nanotech lab with millions of dollars in equipment and the best and the brightest we have to offer to run it. Carbon nanotubes were the featured subject. This is a material so strong that fibers can support their own weight over such a distance as to make feasible an elevator into space. The civil engineering applications have got to be incredible.

What struck me about the lecture was a sense of frustration from Scientists over their relationship to industry. Apparently the United States maintains world leadership in Science but bringing that science into practical use is now nearly absent. Nanotech has the potential to create tiny robots with applications in the Medical and Semiconductor fields as well. Gone are the days of the large Industrial Research Labs (such as Bell Labs) that just look for applications. The American inventions of the integrated circuit, television and computer memory are being rapidly improved by overseas industry. However, many of the current tech-

nologies are reaching a development plateau; Natural physical properties of matter such as the size of the atom pose real limits to making memory storage and processing smaller and faster. Disk Drives and integrated circuit computer technology are rapidly nearing the limits of miniaturization. So where do we go from here? Apparently Nanotechnology has many of the answers if we can just figure out how to use it.

So here is the challenge. The inventive spirit of Edison and Bell needs to be revived in America – particularly here in the Inland Empire. Our American culture has been losing a grip on the value of invention since the 70's, actually more than that, there continues to be a real fear of High Technology in the General Public. Fission Nuclear Power plants are just one of the casualties of that fear. The "Green Revolution" offers the greatest incentive to those with the technological understanding to pursue it, but it is in reality a rediscovery of what was developed in the '70s during the first energy crisis. Wind, solar, energy efficient buildings and the concept of the use of renewable resources are not new, but they have been improved. As a College student in the early 70's I was taught all of these methods. After all, they would have to be in place before the oil ran out in the 1990's. Industry goes where the money is –

*(Continued on page 2)*



NEWSLETTER

*(Continued from page 1)*

and the incentives to go green were at one time in the marketplace. When energy costs went down and Oil turned out to be plentiful, at least in other parts of the world, the least expensive route became the one we took as a Nation. It caused the greatest transfer of wealth in the history of mankind, but it was less expensive in the short term than the alternatives. The realization was that the "Green Revolution" would require a politically supported activity and the financial incentives are now being created by Government at all levels to go Green. The vision of a sustainable future must not be one in which we are energy and technologically poor. Nuclear Fusion and other potentially revolutionary technologies must be developed to support our numbers at low cost. My vision of the future is one that Government incentives put a priority on the creation of high technology solutions to our energy and material needs. Industry just doesn't seem to have the resources. Capitalism thrives in an environment rich in resources. Using science to solve the Energy and Technology create those resources brings wealth and freedom from an over burdensome government.

Timothy R. Wilson PE, RA, M. ASCE  
 President, San Bernardino/Riverside Counties Branch of the LA Section of ASCE

"It takes courage to do a thing the first time, no matter how simple and obvious it may appear after it is done. And this, fellow citizens, is the first Freeway in the West."

**California Governor  
 Culbert Olson  
 - 1940**

## This Month in History

### Arroyo Seco Parkway

"It takes courage to do a thing the first time, no matter how simple and obvious it may appear after it is done. And this, fellow citizens, is the first Freeway in the West." - California Governor Culbert Olson at the freeway's dedication.

With its landscaped embankments, limited access, and depressed roadway, Arroyo Seco Parkway (now known as the Pasadena Freeway) became the prototype of the Los Angeles freeway system. Motorists enjoy a scenic drive featuring landscaped embankments lush with native chaparral. The curving alignment traverses a chain of small parks shaded by sycamores and eucalyptus and exposed views of the snow-capped San Gabriel Mountains. The experience gained by observing traffic operations on the parkway

confirmed the value of acceleration/deceleration lanes and the minimum practical width for planted medians. The prohibition of cross-traffic provided additional driving safety and convenience.

#### Facts

This 6.7-mile-long parkway was the first urban freeway to be built in the United States west of the Mississippi River. Asphalt and portland cement concrete pavements were installed side-by-side for comparison purposes. Despite having to carry over four times its projected design-year traffic, the parkway has remained in almost the same configuration as when it was opened in 1940.





## February General Membership Meeting Recap

On Tuesday February 17, the ASCE San Bernardino & Riverside Counties Branch had their annual joint meeting with the Inland Empire Council of Engineers and Scientists (IECES) at the University of Redlands, Casa Loma Room. Several Engineering associations including American Society of Mechanical Engineers (ASME); California Society of Professional Engineers (CSPE); Institute of Electrical and Electronics Engineers (IEEE); Society of American Military Engineers (SAME); and American Public Works Association (APWA) were represented.



Professor Robert C. Haddon, founding director of the Center for Nanoscale Science and Engineering at University of California, Riverside (UCR) presented an overview of Nanotechnology, and what it means for the Inland Empire. In a highly technical yet insightful presentation, he explained how nanotechnology offers the promise of atomic and molecular engineering at a level of precision that is usefully confined to biology, thus providing the basis for revolutionary new materials, devices and biomedical procedures. "Nanotechnology is probably inevitable, and the revolution

*(Continued on page 4)*

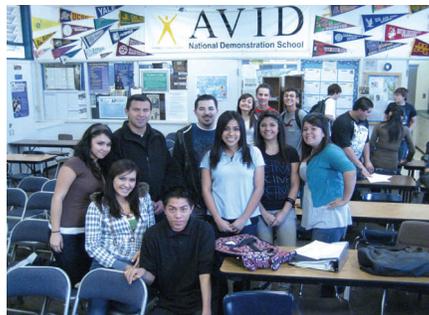
## AVID Presentations at Ramona High School

By: Edwin Quinonez



On Friday, January 30, 2009, SB/R YMF members visited Ramona High School to encourage students to attend college and to promote the civil engineering profession. The Advancement Via Individual Determination (AVID) program is designed to help and increase the number of students who enroll in 4-year colleges, especially those to be the first in their family to attend college. The program features guest speakers from a variety of

professions throughout the year and ASCE YMF has become one of the program's regular presenters. YMF members talked about their college experience, why they chose a career in civil engineering and also gave an overview of the type of work they perform as civil engineers. Students were also encouraged to become involved in career related associations, such as ASCE, and why that involvement becomes an important aspect of the college experience. Towards the end of the presentations students had the opportunity to ask general questions about financial aid, scholarships, engineering programs, and much more. Throughout the day we had the chance to present to about 600 students in the AVID



*(Continued on page 4)*

## 2008-2009 Board of Directors

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(Continued from page 3)

program, and we were overwhelmed by the high level of motivation shown by the students. Speaking to high school students is a great way to give back to the community and to promote civil engineering. I strongly urge you to join us and come share your experience on our next AVID event.

(Continued from page 3)

will be driven by universities” Haddon said. He emphasized the following: Current challenges include translating leadership in



science into the creation of high-tech industry jobs; Science is not technology, and our leadership in translating science to technology is disappearing; US technological companies, national laboratories, and universities must take leadership roles; Government f u n d e d



projects will expedite making nanotechnology a reality.

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### Membership Information

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.

### Company Spotlights/Projects

If you paid for a monthly business ad and you would like your company or one of your projects spotlighted in the monthly newsletter please contact the Newsletter Editor, Matthew Addington at [matthew.addington@cityofrc.us](mailto:matthew.addington@cityofrc.us)

We will be happy to place your spotlight in an upcoming issue.

### Advertising Rates

Approximate number of mailings: 600 per month.

Professional Directory (Business Card Ads)	Per Card (10 issues)	\$250
Display Ads	Full Page (per issue)	\$235
	One Half Page (per issue)	\$125
	Quarter Page (per issue)	\$75

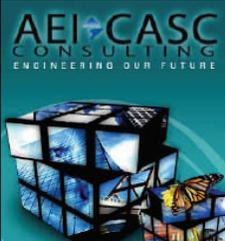
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January 14, 2009

### SB/R YMF - Joint Meeting with Engineers Without Borders

By Marlin Cruz

The January meeting had a great turnout. It was a joint meeting hosted by AECOM (previously known as DMJM+Harris) at their Ontario office. Our speaker, Andrew Bui a Junior Roadway



Engineer at AECOM gave an overview of the Engineers Without Borders (EWB) organization in which he's an active member. He focused on the newly-established Inland Empire Chapter which was launched early last year (2008). He went on to explain that EWB is a non-profit humanitarian organization established to partner with developing communities worldwide in order to improve their quality of life. Project focus is given to implementing sustainability. Equally important EWB provides training to international as well as local national engineering students.

One of their international projects is based in Guatemala, Central America. The focal point of this project is to provide the community adequate drinking water, to increase water supply during shortage seasons and finally to find alternative means of water acquisition. EWB – Inland Empire has a deadline to submit their project application this January. They also have a project site assessment early in the summer and their goal is for the project implementation to be carried out in winter of 2009. The main purpose of this meeting was to reach out to the members of ASCE – YMF by educating them on what EWB stands for and what their goals are, and hopefully, entice other engineers to join and become involved with this humanitarian organization.



### WRYMC 2009

By: Edwin Quinonez



On January 23-24, 2009, several SB/R YMF Board members attended the Western Regional Younger Member Council (WRYMC) in San Francisco. This annual regional conference is a great way for YMF board members in Regions 8 and 9 to interchange ideas that would help improve individual local chapters. The conference began with an overview of ASCE and followed with a series of presentations on sustainability. We also had a chance to conduct our annual Business Meeting to discuss and vote on multiple issues of importance, including the set of revised Constitution and Bylaws for the meeting. One of the nights at the conference we met for dinner at Bucca di Beppo with members from the OC and MLAB YMFs. The second day of the conference was even more exciting. We had the opportunity to listen to ASCE's President and President-Elects; we had a tour of Alcatraz Penitentiary, and ended with a banquet at the 52<sup>nd</sup> story of the Bank of America building, an excellent view of city!

**AMERICAN SOCIETY OF CIVIL ENGINEERS**  
San Bernardino & Riverside Counties Branch  
2008-2009 Awards Program

The San Bernardino & Riverside Counties Branch of the American Society of Civil Engineers has developed an awards program to recognize local Civil Engineers and projects. The Branch has established the following local awards for 2008-2009. Nominations must be postmarked by **May 29, 2009**. Mail completed nomination forms and support information to:

**Terry Renner, PE**  
**TKE Engineering, Inc.**  
**2305 Chicago Avenue**  
**Riverside, CA 92507**  
**Main: (951) 680-0440**  
**trenner@tkeengineering.com**

All nomination forms and supporting documentation are the property of the San Bernardino & Riverside Counties Branch and may be used at the Branch's discretion. Submittals shall not be returned to the applicant. For additional information, please contact Tim Wilson at (951) 658-7463, or GTSAssoc@aol.com.

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**Civil Engineer of the Year (Private & Government)/Young Civil Engineer of the Year Award**

The Civil Engineer (Private & Government) and Young Civil Engineer of the Year Awards recognize an individual who best exemplifies the civil engineering profession. The nominees shall be worthy of acknowledgment through their exemplary professional conduct, reputation, achievement, and contribution to the image of the civil engineer. The nominee must be an ASCE National member and a member of the San Bernardino & Riverside Counties Branch. The nominees must work and/or reside within the boundaries of the Branch for a minimum of 18 months prior to the award. Young Civil Engineer Award nominees must be 35 years of age or younger as of the postmark date identified hereinabove. Past recipients of these awards are not eligible.

Selection of the Civil Engineer (Private & Government) or Young Civil Engineer of the Year Awards shall be based on the following criteria; education and professional qualifications such as degrees held, projects completed, patents, publications, presentations, and teachings; professional qualities including society affiliations, offices held, leadership skills, professional conduct, reputation for service, character, and integrity; contribution to the image of the civil engineer through community service, volunteer work, and public education; honors and awards.

All applications for the Civil Engineer (Private & Government) or Young Civil Engineer of the Year Awards shall include the following (*total application packet limited to five pages*); completed award program entry form, description of how the individual meets the above listed criteria (*two page limit*), biography or resume (*one page limit*), copies of the newspaper or journal articles and other supporting information, if applicable.

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**Outstanding Civil Engineering Project Award**

This award acknowledges outstanding examples of civil engineering achievement. Local projects shall be considered for their innovation, uniqueness, complexity, and benefit to society. Any civil engineering project currently in use and completed within the previous 18 months is eligible. The project must be located within the boundaries of the San Bernardino & Riverside Counties Branch.

Each project will be evaluated on the following criteria: innovative design and/or construction, benefit to the community, project complexity and/or challenges, impact on physical environment, unique operation or maintenance, aesthetics.

All applications for the Outstanding Civil Engineering Project Award shall include the following: completed award program entry form, description of the project and how it meets the above listed criteria (*two page limit*), at least one color photograph or color photocopy of the project, copies of newspaper or journal articles about the project, if applicable.

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**Civil Engineering Project Improvement Award**

This award acknowledges examples of outstanding civil engineering achievement for improvement of existing facilities. Local projects shall be considered for their innovation, uniqueness, complexity, and benefit to society. Any civil engineering projects currently in use and completed within the previous 18 months is eligible. The improvement must be to increase capacity of the original facility or to bring existing systems into compliance with current regulations. The project must be located within the boundaries of the San Bernardino & Riverside Counties Branch. Any project that previously received the award for Civil Engineering Project Improvement is not eligible for nomination for any subsequent improvements.

Each project will be evaluated on the following criteria: innovative design and/or construction, ability to merge with original facility, benefit to the community, project complexity and/or challenges, impact on physical environment including aesthetics, unique operation or maintenance.

All applications for the Civil Engineering Project Improvement Award shall include the following: completed award program entry form, description of the project and how it meets the above listed criteria (*two page limit*), at least one color photograph or color photocopy of the project, copies of newspaper or journal articles about the project, if applicable.

-NOMINATION FORM ON BACK-  
**AMERICAN SOCIETY OF CIVIL ENGINEERS**  
San Bernardino & Riverside Counties Branch

2008-2009 Awards Program

Please complete one form for each nomination.

CIVIL ENGINEER OF THE YEAR PRIVATE, GOVERNMENT OR YOUNG CIVIL ENGINEER OF YEAR (Circle One)	
Name:	
Title:	
Employer:	
Address:	
Phone:	Fax:
<b>On a separate sheet of paper, please provide the following information about the nominee: Education and professional registration, work experience, professional and society affiliations, patents, publications and presentations, community service and public education, honors and awards.</b>	
OUTSTANDING CIVIL ENGINEERING PROJECT	
Project Name:	
Project Address or Location:	
Project Owner Name or Company:	
Contact Person:	
Mailing Address:	
Phone:	Fax:
<b>On a separate sheet of paper, please provide information on how the project meets the criteria for this award. Consider all phases of the project, including planning, design, construction, and operation maintenance. Describe any special features, innovations, and challenges. Include information on the environmental impacts and public benefits of the project, attach a color photograph or photocopy of the project and any articles from trade journals or newspapers about the project.</b>	
CIVIL ENGINEERING PROJECT IMPROVEMENT	
Project Name:	
Project Address or Location:	
Project Owner Name or Company:	
Contact Person:	
Mailing Address:	
Phone:	Fax:
<b>On a separate sheet of paper, please provide information on how the project meets the criteria for this award. Consider all phases of the project, including planning, design, construction, operation, and maintenance. Describe any special features, innovations, and challenges. Provide information on how the project merges with the original facility, the environmental impacts, and the public benefits. Attach a color photograph or photocopy of the project and any articles from trade journals or newspapers about the project.</b>	
To be completed for each nomination.	
SUBMITTED BY:	
Name:	
Title:	
Company:	
Address:	
Phone:	Fax:



## Mentoring Program

The San Bernardino & Riverside County Branch Mentorship Committee along with National ASCE and the ASCE Committee on Career Development began a local ASCE Mentoring Program on May 17, 2008. The goals of this mentoring program are to:

- Provide an opportunity for our members to enter into mentoring relationships that will facilitate the growth of young engineers and the profession by means that may not be available through typical work relationships or training.
- Host an Annual Dinner and other mentoring related activities. These events will bring together all of the mentor and protégé pairs to celebrate the Mentoring Program.
- Utilize an online Mentor Database. This database would be separate from the Mentoring Relationships and would serve as additional means for younger engineers to locate experienced engineers who are willing to answer questions related to engineering. The database would appeal to those who have questions about a particular field of engineering but aren't seeking a long-term mentoring relationship.

**There are numerous benefits for being a Mentor/Protégé.** Mentors can influence the leaders of tomorrow to ensure the future success of our profession and they can learn about some of the challenges younger engineers face today. Protégés can learn what it takes to become a leader through experiences and wisdom of their mentor.

**Participation is key.** We request that you commit to working with your mentor/protégé for at least 6 months, and encourage a 12 month mentoring relationship. It is recommended that mentor/protégé pairs have contact (e-mail or call) at least once every two weeks and meet in person (or have a longer phone conversation) once a month.

**ASCE will be holding a training workshop in May 2009** to give you the tools and tips on how to gain the most out of the mentoring relationships. Examples of topics to be discussed include:

- Meet your mentor/protégé in person
- Discuss the purpose of the program
- Mentoring: What It Is and Isn't
- Mentoring Benefits: Case Study and Testimonials
- Do's and Don'ts ("Ground Rules")

**Sign up to participate.** The attached application will assist the Committee in matching each mentor and protégé appropriately. If you interested in participating as a Mentor or Protégé, please complete the application and return via email or fax to:

**Protégé Applications:**  
 Alfred Pedroza, PE  
 APedroza@BoyleEngineering.com  
 (909) 933-5225 Phone  
 (909) 933-5228 Fax

**Mentor Applications:**  
 Neil Nilchian, PE  
 nnilchia@rctlma.org  
 (951) 955-6782 Phone  
 (951) 955-3164 Fax

**OR to submit via mail send to:**  
 ASCE SB/Riv Mentorship Committee  
 Attn: Neil Nilchian, Chair  
 P.O. Box 124  
 Riverside, Ca 92502

**San Bernardino &  
 Riverside County  
 Branch  
 Mentorship  
 Committee  
 Presents**



## Stormwater Committee

2008-2009  
COMMITTEE

**Bill Flores Jr., P.E.,**  
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Chairman  
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**Neil Nilchian, P.E.**  
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**Roy King, P.E.**  
(909) 383-4555  
[roy\\_king@dot.ca.gov](mailto:roy_king@dot.ca.gov)

Contact us about  
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your marketing  
efforts.

**Wednesday, March 11, 2009**

### Topic: Hydromodification Requirements Update

**Synopsis:** Hydromodification analyses are likely to be required in the upcoming regional permits. It is already required in the San Diego watershed and is being analyzed by SCCWRP for regional uses. An update on current hydromodification theories and requirements will be presented by Ms. Nancy Gardiner, CPESC of Brown and Caldwell.

#### Time:

6:00 - 6:30 pm: Check-In/Networking  
6:30 - 7:00 pm: Dinner  
6:45 - 7:15 pm: Presentation  
7:15 - 7:25 pm: Q&A  
7:30 pm: Adjournment

#### Location:

MEXICALI BAR & GRILL  
1690 Spruce St  
Riverside, CA 92507  
(951) 781-6682

#### Cost:

Members \$35 prepaid; \$40 at the door (with reservations); Non-members and walk-ups \$45.

Send your request for a vegetarian meal to [ascsebr.sc@gmail.com](mailto:ascsebr.sc@gmail.com)

**Reservations:** RSVP by March 6, 2009 at 12 noon to [http://www.projectpartners.com/ps/ps\\_show\\_events.asp?id=19](http://www.projectpartners.com/ps/ps_show_events.asp?id=19). No refunds after this date. Include the names of all persons attending with membership number (if applicable). Your advance reservations, made and honored, are essential to fulfilling our catering commitment. No shows will be billed. Seating is limited and payment at the door will be accepted based on availability. Reservation response is still necessary. By mail, please make checks payable to **"ASCE Stormwater Committee"** and mail to:

Bill Flores Jr.  
ASCE Stormwater Committee Chairman  
HDR Engineering, Inc.  
2280 Market St. Suite 100  
Riverside, CA 92501

**Parking:** Parking is free.

To reduce your carbon footprint, carpooling is encouraged.



## San Bernardino & Riverside Counties Branch Mentorship Committee

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P.O. Box 124, Riverside, California 92502

[http://www.asce-sbriv.org/Mentorship\\_Committee/](http://www.asce-sbriv.org/Mentorship_Committee/)

### Committee Members:

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(Member-at-large)  
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## THE MENTORING PROGRAM: 2<sup>ND</sup> QUARTERLY SOCIAL EVENT

### *Billiards, Games & Happy Hour at Dave and Buster's*

The Mentoring Committee is pleased to announce **Billiards Night** for all Protégés and Mentors. This is our 2<sup>nd</sup> social event since the Mentoring/Protégé kick-off training session in May 2008 and our 1<sup>st</sup> social event for 2009. This is a great opportunity for all of us to have fun collectively and, more importantly, a chance to interact with your Mentors and/or Protégés. Included are a Mesquite BBQ Buffet, non-alcoholic drinks and two pool tables. Please add this event to your calendars and coordinate with your Mentors/Protégés.

Date: Thursday, March 12, 2009

Time: 5:30 pm to 7:30 pm

Location: Dave and Buster's  
4821 Mills Circle  
Ontario, CA 91764-5200  
909-987-1557

[View Map](#)

**Firm Reservation Deadline: March 5, 2009** (Attendance is limited, an RSVP is required. To RSVP, just reply to this e-mail.)

Cost: **\$15 per attendee**. Mentors and Protégés currently enrolled in the Mentoring Program, be one of the first 20 people to RSVP and the Program will pay for \$5 of your cost – you only pay \$10. Also, be one of the first 15 people to RSVP and get a free \$7 Power Card to play games throughout Dave and Buster's. Additional Power Cards will be available through a raffle.

For additional information, please contact [Jessie H. Powell](mailto:jessie.h.powell@urscorp.com) at (909) 980-4000.

### EVENT SPONSORS:

If you have a business card advertisement in this newsletter and would like your company or public agency “Spotlighted” in our newsletter please contact our Branch Newsletter Editor, Matthew Addington, at (909) 477-2710 extension 4202.

**Help Guide the Future of Our Nation’s Infrastructure – Renew Today!**

Have you renewed your 2009 ASCE membership? ASCE dues were due on Dec. 31, 2008, which means if you haven’t renewed your 2009 membership, you run the risk of



losing your valuable ASCE benefits, such as membership in your local ASCE Section or Branch. Plus, 2009 has the potential to be a significant year for ASCE and civil engineers. As we prepare to welcome a new president who has promised to place infrastructure renewal at the forefront of domestic issues, the Obama administration has already tapped ASCE to play a leading role in deciding where money from the stimulus package would best be spent.

Take pride in your role in educating the public and policy leaders about the importance of infrastructure to our nation's safety and economic security. And support the fight to renew our nation’s infrastructure by renewing your 2009 ASCE membership.

You can renew your ASCE and Section/Branch membership today by going to [www.asce.org/renewal](http://www.asce.org/renewal).

\*Congratulations to Francis Gbondo with RBF who was selected by your Board to be the Assistant Newsletter Editor\*

Calendar of Events

Mentorship Committee Poker Tournament	March 7th	(TBA)
YMF/ Cal Poly Pomona - (Paint Ball Event)	March 7th	Chino
Storm Water Committee Riverside County	March 11th	Riverside
Mentorship Social Meeting	March 12th	Ontario (Dave & Busters)
Branch General Membership Meeting	April 15th	(TBA)
Mentorship Committee Culminating Dinner	May 9th	Riverside Marriott
Storm-Water Committee Municipal SW & GW Discharge Regulations	May 13th	(TBA)

Membership Meetings:  
 Canyon Crest Country Club, 975 Country Club Drive, Riverside CA  
 Registration/Networking: 11:30am  
 Cost: \$25.00 per person (w/ reservation)  
 Contact: Maria Marzoecki (909) 481-5750

Thursday, March 5	Membership Meeting
Thursday, May 7	Membership Meeting



Heider Engineering Services, Inc., established in 1996 by Dennis Heider, a registered Civil Engineer, specializes in “Special Inspection”, Geotechnical Engineering, Grading Inspection and Construction Materials Testing. Nikki Heider, president of the firm oversees all aspects of the business operations, including finance, managing personnel, profit control and future growth.

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Principal Engineer



**Monica “Nikki” Heider**  
President



**Gary R. Goldman, PE, GE**  
Principle Geotechnical Engineer

**Update on California Baptist University (CBU)**

California Baptist University (Riverside, CA) is making history in the Inland Empire. In case you are not aware, California Baptist University is one of only two universities in the Nation to start a civil engineering program in the last 10 years. With approximately 23 declared students they are into their second year in their Civil Engineering program as they await ABET certification. CBU expects to have their first Bachelor of Science graduates in Civil Engineering by 2011 (at the earliest) and looks forward to developing a Masters program in the future. Currently the Civil Engineering program is establishing a civil engineering club (exact name yet to be determined) as a precursor to a formally recognized ASCE Student Chapter. If all goes as planned CBU should have an ASCE Student Chapter by next year (2010) at the earliest. To gear up for this goal, CBU students Alex Shorts and Mike Sampson and faculty advisor Dr Jim Covey attended the Workshop for Student Chapter Leaders (WSCL) in San Francisco on January 23-23, 2009. This workshop enabled CBU students and faculty to exchange ideas with ASCE student chapter representatives, meet ASCE society leaders and to get ideas on forming a new chapter. Similarly, on February 17, 2009, Dr. Anthony Donaldson, CBU School of Engineering Dean, attended the Engineers Week dinner at the University of Redlands along with a group of engineering students. During the dinner, Dr Anthony Donaldson announced the new Civil Engineering program and other details about the program. CBU attendees were excited in attending ASCE events and appreciate the ASCE LA Section and San Bernardino & Riverside Counties Branch in spreading the word about this new era for CBU. The Branch will keep you posted on the developments at CBU.

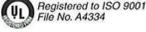


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Have you renewed your Business Card Ad? If not, please contact Newsletter Editor.

THIS COULD BE YOUR BUSINESS CARD AD—SEE PAGE 4 FOR DETAILS.



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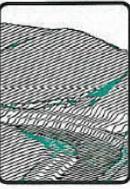


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## Mark Your Calendar

Join the Inland Empire Branch of APWA as we welcome Robert Collacott of URS, a Past President of the Southern California Chapter of APWA. Since 1989, Mr. Collacott has supported the Riverside County Flood Control and Water Conservation District, the County, and the Cities in Riverside County on the Municipal Stormwater Permit Program. He will discuss the draft Orange County Municipal Stormwater Permit and the potential implications for the Riverside and San Bernardino County programs.



### March Mentorship Social

**Date:** March 12, 2009

**Time:** 6:00 pm—9 pm

**Location:** Dave & Busters  
4821 Mills Circle  
Ontario, CA 91764

**Cost:** See Official Flyer—on page 11

**Deadline:** March 5, 2009

**Additional Info:** [jessie\\_powell@urscorp.com](mailto:jessie_powell@urscorp.com)

### Storm Water Committee

**Date:** March 11, 2009

**Time:** 6:00 pm

**Location:** Mexicali Bar & Grill  
1690 Spruce St  
Riverside, CA 92507

**Cost:** See Official Flyer— on page 10

**Deadline:** March 6, 2009

**Additional Info:** [bill.flores@hdrinc.com](mailto:bill.flores@hdrinc.com)



c/o Matthew Addington, P.E., P.L.S.  
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