Hello ASCE Members,

Happy 4th of July! Vacations, summer time is always a great time to reset and renew perspectives on what’s important in life, vacations always help with that and focusing on one’s health. I’m dreaming of a vacation! The heat has been intense, I hope everyone is staying cool.

We had a great annual Awards Dinner Banquet on June 28, 2018. First we installed the new ASCE Board for FY 2019, Jeff Meiter from Valued Engineering will be the new ASCE President in October. All night we celebrated Engineers and Projects and all the work we have accomplished in the San Bernardino-Riverside area. Civil Engineers are awesome, we are definitely the invisible super heroes! It’s nice that we came together to recognize our accomplishments in the Industry. Awards were presented to to individuals who best exemplified the engineering profession and to public and private engineering projects demonstrating innovative design, project complexity, benefit to the community, sustainable projects, unique operations and outstanding aesthetics. We also handed out $5,000 in Scholarships to exceptional students who have demonstrated a commitment to engineering and ASCE. Congratulations to all the Award Winners! (Look inside the Newsletter to see all the recipients.)

...CONTINUED ON PAGE 2
I’d like to personally thank Edwin Quinonez, PE from Riverside Flood Control District for MC’ing the event. A very special thank you to Steve Ledbetter from TKE our current Past President who served an additional year to mentor and really help us out, he has been a tremendous leader on the board and put on an outstanding Awards Dinner. Also thank you to our sponsors of the night! Platinum Sponsor Michael Baker International. Gold Sponsors included: Inland Foundation Engineering Inc and Kemp Bros Construction.

In August we go dark and brainstorm for next fiscal year with the new and outgoing board members.

Save the Date for our 5th Annual Golf Tournament on October 5, 2018. We will have early bird registration deal of $375 for a foursome for a limited time. Also we have Company Sponsorship Opportunities available. All proceeds will be donated to CPP and CBU Scholarships that we distribute out in June at the Awards Ceremony.

For next fiscal year we still have an opening for the Assistant Newsletter. If you or someone you know is interested, please email Jeff Meiter to be a part of the FY 2019 ASCE San Bernardino-Riverside Branch Board.

Enjoy your Summer!

Cheers,

Melissa Barbosa, P.E., M.ASCE
San Bernardino-Riverside Branch President
**Student Scholarship Awards**

- **Colby Wong** – California State Polytechnic University, Pomona
- **Jasmin Hurtado** – California State Polytechnic University, Pomona
- **Genelle Paderanga** - California State Polytechnic University, Pomona
- **Breggie Tuason** – California State Polytechnic University, Pomona
- **Matthew Jacobson** - California State Polytechnic University, Pomona

**Candidate Awards**

- **Outstanding ASCE Faculty Advisor**
  - Seema Shah-Fairbank - California State Polytechnic University, Pomona

- **Outstanding Civil Engineering Student**
  - Racieli Andrada - Turner Construction

- **Outstanding Younger Civil Engineer**
  - Christopher Quach - City of Ontario Municipal Utilities

- **Outstanding Civil Engineer in Community Service**
  - Mohammed El Hocheimi - WSP USA

- **Outstanding Civil Engineer in Service to ASCE YMF**
  - Jing Yang - WSP USA

- **Outstanding Civil Engineer in Service to ASCE Branch**
  - Andrea Gonzalez - Riverside County Flood Control and Water Conservation District

**Project Awards**

- **Project of the Year – Transportation Project**
  - I-10 and Jefferson Street Interchange - Michael Baker International

- **Parks and Recreation Project**
  - Bryce E. Hanes Park - San Bernardino Valley Municipal Water District and David Evans and Associates, Inc.

- **Environmental Engineering Project**
  - Southeast Drainage Channel Improvement Project at the Corona Landfill - Riverside County Department of Waste Resources

- **Geotechnical Project**
  - Hemet Elementary School Campus Replacement - Hemet Unified School District and Inland Foundation Engineering, Inc.

- **Water/Wastewater Treatment Project**
  - IEUA Water Quality Laboratory - Inland Empire Utilities Agency
2018/19 SLATE OF OFFICERS

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Secretary: Emily Sipes, Associate Designer, Rick Engineering
Past President: Melissa Barbosa, P.E., Senior Water System Engineer, Azusa Light & Water

ASCE SBR BRANCH PRESIDENTS

The 65 Presidents of the San Bernardino and Riverside Counties Branch have each made a significant contribution to the quality of life in the Inland Empire. They have also devoted much of their time and energy to advancing the profession of Civil Engineering through their commitment to ASCE. We gratefully acknowledge the efforts of these leaders.

Melissa T. Barbosa 2018
Kenneth Cox 2017
Steven W. Ledbetter 2016
Brandon L. Reyes 2015
Edwin E. Quinonez 2014
William M. Addington 2013
Rita V. Escobar 2012
Lauren Popescu 2011
Brian D. Wolfe 2010
Timothy R. Wilson 2009
Terry M. Renner 2008
Christopher S. Turnage 2007
Guillermo Flores Jr. 2006
Guillermo Flores Jr. 2005
Theeravut Thaiprej 2004
Steven J. Hosford 2003
Mark R. Norton 2002
Lorenz R. Gonzales 2001
Michael P. Thornton 2000
Kevin J. Rosker 1999
Rich Haller 1998
Trudi Loy 1997
Randy Hill 1996
Dennis Heider 1995
Jeff Endicott 1994
Mark Messersmith 1993
Phil Douglas 1992
Adele Dunham 1991
Tim Mim-Mack 1990
Ray Wellington 1989
Richard W. Corneille 1988
Dale Wintergerst 1987
R. Logan Hardison 1986
Calvin K. Wang 1985
Wesley Hylen 1984
Douglas H. Mays 1983
Eugene Ehe 1982
C. Glenn Wilson 1981
Richard S. Titera 1980
Roger Teal 1979
Allen D. Joy 1978
Richard A. Barrett 1977
Eugene L. Diepholz 1976
Eugene L. Diepholz 1975
Douglas M. Isbell 1974
Bill C. Mann 1973
Ronald F. Carducci 1972
Galen N. Peterson 1971
Lynwood C. Newton 1970
Aaron D. Darnell 1969
Harry J. Krueper 1968
Robert W. Austin 1967
Victor M. Delkab 1966
William D. Gardner 1965
William Schlachter Jr. 1964
Walter F. Quillin 1963
Walter F. Quillin 1962
Raymond V.B. Stone Jr. 1961
Omer H. Brodie 1960
Lawrence A. Coleman 1959
Horace P. Hinckley 1958
Jack W. Pierce 1957
Doyle F. Boen 1956
John L. Merriam 1955
Albert A. Webb 1954
None 1953

2018 AWARDS BANQUET

AMERICAN SOCIETY OF CIVIL ENGINEERS
SAN BERNARDINO & RIVERSIDE COUNTIES BRANCH
LOS ANGELES SECTION, REGION 9-SINCE 1953

PLATINUM SPONSOR

GOLD SPONSOR
By Rolando Hernandez, EIT, A.M. ASCE

Engineers Column

Last February, several ASCE members from our San Bernardino and Riverside section attended the Cal Poly Pomona Student Service Building technical tour. As many former Bronco students may have heard by now, Cal Poly is undergoing the construction of a 138,400 sf structure to serve as the school’s new Student Service building. The main takeaway from the technical tour as those who attended may recall, the building is scheduled for completion by the end of this summer.

Once complete, the old student service building known as the CLA building will be demolished due to a number of construction flaws and mechanical system failures. The initial issue with the CLA building involved water intrusion, which led to identifying problems with ADA requirements and bringing the building up to current seismic code. Since the cost to repair such issues was estimated at $80 million, Cal Poly Pomona and CSU leadership concluded that a new facility was the best solution to satisfy the campus needs with the help of public funds.

Similar to the CLA (Classroom, Laboratory, & Administrative) building, the new student service building will serve multiple uses including meeting and test-taking spaces, financial support, cashier, finance, registration, and information technology. Additionally, it will house the office of the president, division of university advancement, divisions of academic, student and administrative affairs.

During the technical tour which was hosted by CW Driver superintendents, attendees were able to observe construction workers in action. Considering their fast-approaching target date for completion, it was no surprise that many workers were working extra hours just to stay on track with the demanding schedule.

...CONTINUED ON PAGE 6
More recently, the Student Service Building topped out with the last 17 shotcrete applications on the roof. The building consists of two low rise structures at three and four floors above grade. It is the unique wavy-like roof which connects both buildings under the same roof. These buildings consist of steel, concrete, and aluminum.

Aside from CW Driver, other consultants involved in this project include CO Architects and John A. Martin & Associates Structural Engineers.

One of the most difficult challenges for this project involves the construction of the wavy roof. Not only do the steel beams need to be custom made but the installation of these beams needs to be very precise. The long span of these curved beams only adds to the degree of difficulty when setting the beams in place. However, the roof is designed to reduce thermal loads and glare while maximizing daylight into the building. This elaborate roof design will serve as a primary and essential role in passive solar design helping the project reach its desired LEED Silver Certification.

Former Bronco alumni would be surprised to see the school’s transformation if it’s been a while since they last visited the campus. Among the recently completed projects on campus, Cal Poly Pomona has a new recreation center, business building, and parking structure. Despite all the new improvements, it will be difficult to imagine the campus without the CLA building in sight. The CLA or commonly referred to as the “pointy” building was completed back in 1992. For over 20 years, this iconic structure which is visible from the adjacent freeways has been the most distinct tower on campus with its triangular and open top.
In order to replace such a monumental structure, architects ambitiously designed the new student service building with the idea of the building serving as the “front door” for prospective students, returning students, alumni and visitors. The undulating roof design was inspired by the surrounding hills and mountains. As the school adopts the semester system starting this Fall, it will be interesting to see this modern building welcome new faces.

Sources:
https://coarchitects.com/project/cal-poly-pomona-administration-building/?term_id=12
http://polycentric.cpp.edu/2010/09/csu_proposal_replace_cla/
http://www.mimoa.eu/projects/United%20States/Pomona/CLA%20Building
https://www.cpp.edu/~semester/for-students/student-pledge.shtml
6th ANNUAL SCHOLARSHIP GOLF TOURNAMENT

GLEN IVY GOLF CLUB
2400 TRILOGY PARKWAY, CORONA, CA 92883
FRIDAY, OCTOBER 5, 2018

6:30 AM – Check-in / Breakfast / Driving Range
7:15 AM – Players to their Carts
7:30 AM – Shotgun Start

Entry Fee: $100 per player / $75 per student / $375 per foursome

Sponsorship Packages Available:

<table>
<thead>
<tr>
<th>Platinum Level</th>
<th>Gold Level</th>
<th>Silver Level</th>
<th>Bronze Level</th>
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<tr>
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<td>Cost: $1,000</td>
<td>Cost: $600</td>
<td>Cost: $400</td>
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<tr>
<td>• Chance to Golf with Industry Leaders / Student (pending)</td>
<td>• Chance to Golf with a Student</td>
<td>• 1 Golf Foursome</td>
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<td>• 2 Golf Foursomes</td>
<td>• 1 Golf Foursome</td>
<td>• Tee Box Sign</td>
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<td>• Tee Box Sponsorship</td>
<td>• ASCE Polo Shirts</td>
<td>• Logo on Event Banner</td>
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<tr>
<td>• ASCE Polo Shirts</td>
<td>• Logo on Event Banner</td>
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<td>• 5-Minute Company Spotlight at Lunch</td>
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</table>

Additional Sponsorship Packages:

Breakfast - $150 / Lunch - $250 / Prize Hole - $200 / Tee Box Sign - $200 / Drinks - $150

For additional Tournament Information, please contact
Jeff Meiter (909) 982-4601 / jeff@valued-eng.com
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Want to advertise an employment opportunity?  
Contact the Newsletter Editor  
Entcho Anguelov  
entcho.anguelov@webbassociates.com
ASCE CONTINUING EDUCATION

Check out all of the content available from ASCE. When ordering be sure to use the Promo Code below so that the branch will receive 20 percent of the gross revenue from the registration. This helps the branch to reduce member costs, provide better activities and give out more scholarships for the benefit of the local engineering community.

WEBSANBRIBRA

__Employment Opportunities__

Be sure to check out the career opportunities at ASCE’s Career page at [http://asce-sbriv.org/job-dashboard/careers/](http://asce-sbriv.org/job-dashboard/careers/)

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**Calendar of Upcoming ASCE Events**

| October 5, 2018 | 6th Annual Scholarship Golf Tournament |
Membership Information

**Types of Membership and Annual Dues (National)**

<table>
<thead>
<tr>
<th>Membership Level</th>
<th>Annual Dues</th>
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<tr>
<td>Students</td>
<td>FREE</td>
</tr>
<tr>
<td>Associate Member</td>
<td>$50 per year of Baccalaureate degree and first year after, then incremental increases to $225 over five years.</td>
</tr>
<tr>
<td>Member</td>
<td>$225</td>
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<tr>
<td>Affiliate</td>
<td>$225</td>
</tr>
<tr>
<td>Section (Branch) Dues</td>
<td>$55</td>
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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 [http://www.asce.org/join/](http://www.asce.org/join/) fill out the short application or call 1-800-548-ASCE (2723) and instantly become a member of ASCE.

Online membership renewal is available! Go to [http://www.asce.org/membership-communities/](http://www.asce.org/membership-communities/) You will 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.

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