President’s Message

by Oscar Serrano, P.E., President

It was a pleasure to attend the 50th anniversary celebration of the Sacramento Section’s Ladies Auxiliary last month. The program included the installation of new officers, a history of the Ladies Auxiliary and the presentation of scholarships. Included in this newsletter is a history of the Ladies Auxiliary by the Ladies Auxiliary President, Betty Hamon, and Maxine Burns. If any of you have spouses that would like to be a part of the Ladies Auxiliary, please let us know, as they are actively looking for new members.

Maintain a Strong Workforce:
You may have noticed that last month we began publishing the names of new ASCE members in the Sacramento Section. I would like to provide all of our new members a warm welcome, and I am looking forward to meeting you all soon.

In this issue, we are also publishing the list of Sacramento Section members who serve on ASCE Society (National) committees and institutes. Thank you to all who volunteer your time and expertise to our profession.

Increase Member Involvement:
Do you have what it takes? If so, become an officer in the Section, your local Branch or YMF. Each group will soon be looking for officers. Send us an e-mail and let us know you are interested. Most offices are one year commitments from October 1st through September 30th.

Increase ASCE Legislative Presence:
ASCE is currently designated as a 501 (c)(3) non-profit organization. 501 (c)(3) organization’s have limited lobbying opportunities, and expenditures on lobbying are typically capped around one million dollars. Recently, ASCE has been pursuing the additional designation for ASCE of a 501 (c)(6) organization in addition to the current 501 (c)(3) designation. As a 501 (c)(6) organization, ASCE would be allowed to do more lobbying on issues of concerns to ASCE.

Region 9 recently approved a proposal to move forward with ASCE pursuing a 501 (c)(6) designation with the recommendation that funds should not be utilized to favor and/or oppose political candidates. The proposal will move forward to the ASCE Society Board of Directors. I will keep you posted.

Increase Interaction with Students and Younger Members:
In 2013, the Sacramento Section Younger Member Forum (YMF), along with the Truckee Meadows YMF, will be co-hosting the Western Regional Younger Member Council (WRYMC) Conference. ASCE has tentatively selected the Double Tree Hotel in Sacramento to hold the conference. Coinciding with the WRYMC conference will be the Workshop for Section and Branch Leaders (WSBL), and the Workshop for Student Chapter Leaders (WSCL). ASCE members from Region 8 (Alaska, Arizona, Hawaii, Idaho, Oregon, Montana, Nevada, Utah and Washington) and Region 9 (California) will be converging on Sacramento in January 2013.

The YMF groups have set a goal to raise $25,000 for the conference. The groups will be commencing fund raising activities within the next couple of months. For more information, sponsorship opportunities, or for donation information, please contact Elias Karam at Elias.Karam@jacobs.com. Please let us know what you think:
sacramentosectiongsd@ermail.asce.org

Thank you,
Oscar
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For more ASCE activities if you wish to be active in a committee, career opportunities, complete text for the legislative activities, go to the Sacramento Section web site at www.asce-sacto.org, or contact a current officer. To MAKE CHANGES OR RENEW YOUR MEMBERSHIP, go to website: www.asce.org. For MEMBERSHIP APPLICATIONS, please e-mail to memapp@asce.org.
For more information about the Central Valley Branch meetings, please contact Anthony Mazzei at amazzei@condorearth.com.

The Sacramento Section is currently looking for volunteers who would like to take a leadership position within ASCE and re-invigorate the Shasta Branch. For more information, contact Section President Oscar Serrano at oserrano@colusa-nsn.gov or Region 9 Governor Fareed Pittalwala at fpittalwala@rbf.com.

The speaker for the June luncheon is Larry West, LHG, REG, who will speak on Construction Dewatering.

This is a presentation on the issues and lessons learned on design and construction projects requiring excavations below the water table. Larry will focus on dewatering solutions during the design and contract document preparation phases of projects. He will also discuss how “Differing Site Conditions,” change orders, and potential litigation could result in significant cost increases for owners.

Registration through (www.eventbrite.com/june28ascelunch) Eventbrite will be sent to you all soon; or, you may e-mail or call Thor Larsen at thor.larsen@edcgov.us or 916-806-9098.

For more information about the Central Valley Branch meetings, please contact Anthony Mazzei at amazzei@condorearth.com.

ASCE/CI is co-sponsoring a free safety seminar. Among other speakers, CI researcher, Michael Casey, Ph.D., P.E., of George Mason University will be presenting his findings on best practices regarding the safety of erecting and working with rebar cages on construction sites while in the temporary form. This research will culminate in a CI Committee Report to be published Fall 2011. http://content.constructioninst.org/Rebar_memorial_conference.html
CALLING ALL ASPIRING LEADERS!

The Sacramento Section requests you Run for Office! The nominating committee is seeking candidates for the following positions:

- President-Elect
- Junior Director
- Secretary
- Treasurer

To discuss available opportunities, get your questions answered, or express your intention to run for office, please contact Larry Smith (lsmith@calweb.com, 916-261-1545)

Please respond prior to June 10, 2011
Construction Dewatering Workshop
A Short Abstract and Biography

Speaker: Larry West, LHG, REG

This is a presentation on the issues and lessons learned on design and construction projects requiring excavations below the water table. Larry will focus on dewatering solutions during the design and contract document preparation phases of projects. He will also discuss how “Differing Site Conditions,” change orders, and potential litigation could result in significant cost increases for owners.

About Larry West

Larry West, a hydrogeologist/engineering geologist with a career spanning 38 years, specializes in groundwater management, development, control, and protection. His experience includes several years as a contractor where he designed, installed, and operated construction dewatering systems. He has also developed and managed contract drilling operations in Oregon and California, and was a licensed drilling contractor in the State of Oregon. Larry’s comprehensive experience with dewatering systems includes the design and installation of simple sump and deep well systems, or wellpoint systems, to complex combinations of wells, wellpoints, eeducors, and sumps with injection well systems to mitigate dewatering impacts. His background as a hydrogeologist and dewatering contractor gives him a unique perspective on construction dewatering challenges and solutions.

Larry is currently Vice President and Director of Groundwater Services for Shannon & Wilson. He has also managed a number of geotechnical and environmental firms in the Northwest.

Registration through Eventbrite will be sent to all of you soon; or, you may e-mail or call Thor Larsen at thor.larsen@edegov.us or 916-806-9098.

Hope to see many of you there!
Thor Larsen
President
ASCE- Capital Branch

RSVP by Thursday, June 23rd through Eventbrite at www.eventbrite.com/jun28ascelunch
The Law and Civil Engineering

by Eugene L. Bass, Esq.

A Design that Failed to Avoid Foreseeable Damage

A County in Arizona hired an engineer to design a bridge to cross a river. Plans were prepared and approved by the County. The design criteria set by the County required that the bridge and the approaches withstand a 25 year flood. In addition to the bridge and approaches, the design included construction of dikes at the edge of the river upstream of the bridge for a distance of about 250 feet. The dikes and approaches to the bridge were not designed with any means for draining of water trapped behind the dikes and upstream of the approaches. As a result, water would pond behind the dikes and upstream of the bridge approaches until it reached a level to overflow either the dike or the approach.

A highway ran parallel to the river and the owner of the property between the river and the highway had built a grocery store and real estate office on their land. The improvements were located within the 50 year flood plain but above the 25 year level. The grocery store and real estate office would be flooded to a depth of two feet before water trapped by the dike and approach road would be relieved by running around the dike or over the bridge approach road.

A 100 year flood occurred and water was trapped by the dike and approach road flooding and destroying the store and real estate office. The bridge remained above the water level and suffered no damage. The property owner sued the engineer among others.

The engineer argued that since his contract with the County for design of the bridge and approaches only required a 25 year flood, that he was not responsible for damages that occurred due to a 100 year flood. The Court disagreed that this would insulate the engineer from liability, stating that he “followed the plans” defense was applicable to contractors but not engineers.

The Court found that there was a difference in the contractual liability of an engineer to design a bridge to withstand a flood of 25 years or more and the responsibility of an engineer to design a bridge and its approaches so that in the foreseeable future flood water will not damage third parties. From the evidence, the Court noted that it was foreseeable that without culverts under the approach to the bridge there was reasonable probability that plaintiffs’ property would be flooded. The County concluded that the engineer was negligent in failing to design adequate dikes and culverts for the project and that this negligence was the proximate cause of plaintiffs’ damage.

The author’s discussion of legal ramifications of the particular case(s) are provided only for educational purposes and should not be relied on as legal advice. If you have a specific legal problem, please consult with your attorney.

2011 ASCE Honors and Awards

The ASCE Geographic Services is pleased to announce that Jay R. Lund, Ph.D., M.ASCE has been selected to receive the Julian Hinds Award. The award recognizes achievements that advance engineering in the field of planning, development, and management of water resources. Mr. Lund is a member of the Sacramento Section’s Capital Branch and a professor at the University of California – Davis within the Department of Civil and Environmental Engineering. The award was presented to Mr. Lund at the 2011 World Environmental & Water Resources Congress which took place in Palm Springs, California between May 22 and 26, 2011.

The ASCE Geographic Services is also pleased to announce that Bruce J. Blanning, P.E., M.ASCE has been selected to receive the Steven D. Bechtel, Jr. Energy Award. The award recognizes contributions to the advancement of the energy field in research, planning, design or construction. Mr. Blanning is a member of the Sacramento Section’s Capital Branch and is the founder and President of Blanning & Baker Associates, Inc. in Sacramento.

Congratulations to both of you. Additional information and photographs for each award is available at www.asce.org/awards.

ASCE Region 9 Awards Program

by Kathy Haynes, Region 9 Governor, Awards Committee Chair

Fifth Annual Region 9 Awards Program

The ASCE Region 9 Awards Program was held on March 9, 2011 in Sacramento. We were honored to have the Society’s President-Elect, Andy Herrmann, help congratulate the award recipients. The 5th annual awards dinner recognized excellence in engineering at both the project and individual levels.

Project Awards recognize outstanding civil engineering projects for projects that have received an award from one of the four ASCE Sections in Region 9 (Sacramento, San Francisco, Los Angeles, and San Diego) during the award year.

The ASCE Region 9 awards committee would like to recognize this year’s awards that were selected from a strong pool of applicants.

Project Award Recipients:

- Project of the Year – Metro Gold Line Eastside Extension
  L.A. County Metropolitan Transportation Authority (LACMTA), AECOM

- Outstanding Sustainable Technology Project – Toland Landfill Biosolids Drying and Electric Generation Facility
  Ventura Regional Sanitation District

- Outstanding Architectural Engineering Project - Hollenbeck Police Station Project
  City of L.A., AC Martin Partners, Inc

- Outstanding Water Project - Middle River Intake Project
  Contra Costa Water District, Carollo Engineers, Inc

- Outstanding Small Water Project - El Dorado Irrigation District Flume 51
  El Dorado Irrigation District, Carlton Engineering, Inc

- Outstanding Bikeway & Trails Project - Bayshore Bikeway Western Salt Segment
  City of San Diego, Kimley-Horn and Associates, Inc

Continued on Page 7
• Outstanding Bridge Project - Folsom Bridge  
  City of Folsom, CH2M Hill/URS Joint Venture

• Outstanding Small Transportation Project - I-5 HOV/Loma Santa Fe Drive Interchange  
  Caltrans & City of Solana Beach, Caltrans & Dokken Engineering

• Outstanding Environmental Project - Caspar Creek Labyrinth Weir Fish Passage Restoration Project  
  CAL FIRE, Winzler & Kelly

• Outstanding Geotechnical Project - Freeport Regional Water Project - Intake Facilities  
  Freeport Regional Water Authority, CH2M Hill

• Outstanding Energy Project - Trans Bay Cable Converter Stations  
  Trans Bay Cable, LLC, Carlton Engineering, Inc

• Outstanding Small Project - Cal Park Hill Tunnel Rehabilitation & Multi-Use Pathway Project  
  Marin County Department of Public Works & Sonoma Marin Area Rail Transit District (SMART), AECOM

• Outstanding Construction Project - San Francisco - Oakland Bay Bridge Yerba Buena Island Detour  
  Caltrans Toll Bridge Program Oversight Committee, CALTRANS, T.Y. Lin, Carol Light, Moffatt & Nichol, TRC, Imbsen, Parsons Brinkerhoff

• Outstanding Historical Renovation - Globe Mills  
  GMA Investors, LP, Miyamoto International, Inc

• Outstanding Flood Management - Feather River Setback Levee  
  Three Rivers Levee Improvement Authority, GEI Consultants, Inc

• Outstanding Community Involvement Project – Irvine Ranch Outdoor Education Center  

• Outstanding Park & Recreation Project - Stevens Creek Corridor Park  
  City of Cupertino, HNTB Corporation

• Outstanding Water Conveyance Project - San Vicente Pumping Facilities  
  San Diego County Water Authority, Black & Veatch

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Individual Award Recipients:
All ASCE members in Region 9 are eligible for consideration for individual awards.

• Outstanding Civil Engineer in the Private Sector –  
  Mark Creveling

• Outstanding Civil Engineer in the Public Sector –  
  Marlon Calderon

• Excellence in Journalism –  
  Lois Henry

• Outstanding Civil Engineer in Community Service –  
  Terry Dooley

• Outstanding Civil Engineering Students –  
  Andrew Langilier, Shannan Nyberg

• Lifetime Achievement Award –  
  Joe Countryman

• Outstanding ASCE Life Member –  
  Keith Gallistel

• Outstanding Civil Engineering Faculty Advisor –  
  Dr. Janusz Supernak

• Outstanding ASCE Practitioner Advisor –  
  Bill Flores

• Outstanding Younger Civil Engineer –  
  Jessica Prince

• Outstanding ASCE Section Officer –  
  Larry Smith

• Outstanding ASCE Branch Officer –  
  John Kilps

• Outstanding ASCE Younger Member Officer –  
  Kimberly Brown

• Outstanding Engineer in Legislative Activities –  
  Julia Moye

• Legislator of the Year –  
  Senator Darrell Steinberg

Awards Committee
Special thanks to the Awards committee:
Kathy Haynes, Chair, Governor / Secretary – San Diego Section  
Jennifer Epp, Co-Chair, Past Awards Committee Chair, Los Angeles Section  
Anthony Cinquini, President, San Francisco Section  
Kent Sasaki, San Francisco Section  
Dean Gipson, San Diego Section  
Phil Kern, San Diego Section  
Larry Lewis, Los Angeles Section  
Herendira Molina, Los Angeles Section  
Thor Larsen, Sacramento Section  
Greg Zeiss, Sacramento Section

Sponsors
Thanks to the generous Awards Dinner Sponsors:  
Kimley – Horn and Associates  
CH2M Hill  
Richard Markuson, Pacific Advocacy Group  
Quincy Engineering  
GEI Consultants  
MBK Engineers

Photos from the event can be viewed and downloaded from the Region 9 web page:  
http://www.asce.org/region9/awards/ follow the link to the photos.
Tour & Presentation of the San Francisco / Oakland Bay Bridge Seismic Retrofit Project

by Joyce Copelan, M.S., Civil Engineer

Hello,

We have exciting news. You are invited to a tour and presentation of the San Francisco / Oakland Bay Bridge Seismic Retrofit Project.

On the boat tour, you will see the work on the superstructure and columns for the new San Francisco / Oakland Bay Bridge, including the new self-anchored suspension tower and spans, work on the temporary bypass structure on Yerba Buena Island, and falsework.

Please save the date and RSVP to me your choice of Thursday afternoon on August 4th or on Thursday, August 11th.

The combined groups include ASCE Sacramento Section SEI, SEAOC and civil engineering students and professors of our local universities.

Thank you,

Joyce Copelan, MS, Civil Engineer
PO Box 708, Winters, CA 95694-0708
(530) 908-8372 cell
(916) 227-6832 office
jcopelan95694@yahoo.com
joyce_copelan@dot.ca.gov

Tour and Presentation of the San Francisco / Oakland Bay Bridge Seismic Retrofit Project

Hosted by ASCE SEI, SEAOC, and Caltrans
Tour 1 Thursday, August 4, 2011 at 12:30 P.M.
Tour 2 Thursday, August 11, 2011 at 12:30 P.M.

On the boat tour, you will see the new self-anchored suspension tower and spans, the work on the superstructure and columns for the new San Francisco / Oakland Bay Bridge, work on the temporary

Continued on Page 9
bypass structure on Yerba Buena Island, and falsework. Seating on the boat will be limited to 25 maximum for each tour. Meals and transportation will be on your own. In the case of inclement weather, the tour will be moved to the harbor on Treasure Island. SEAOC and ASCE SEI Members will receive registration priority on a first RSVP, first served basis. You may RSVP for a family member or friend, age 18 or over.

For additional information about the project, visit www.baybridgeinfo.org.

Each member of the tour group will need the following items on the day of the tour:

- Work boots or hiking boots with thick soles.
- Sunglasses or Eyeglasses (safety glasses will be provided if someone does not bring eyewear).
- Long Pants and Casual Clothing (the weather on the Bay can be windy and cold, so please be sure to dress in layers with a variety of clothing, especially warm items).
- Water, Sun Screen, Camera

Participants will be required to sign a liability waiver. Refusal to sign will bar the individual from the tour.

**Location:** San Francisco / Oakland Bay Bridge  Please allow 3 hours for the presentation and tour.

**Date & Times:**

Tour 1 — Thursday, August 4, 2011 at 12:30 p.m.  
**OR**

Tour 2 — Thursday, August 11, 2011 at 12:30 p.m.  
(Please Specify Tour Preference)

Name_______________________________________________

Professional Organization_______________________________

Address________________________________________

City State Zip_________________________________

Telephone Number _____________________________

FAX __________________________________________

E-Mail Address (required for Directions/Confirmation)________________________________________

**TO RESERVE YOUR SPACE:** E-MAIL this Registration Form as an attachment to jcopelan95694@yahoo.com, or mail to Joyce Copelan, ASCE Sacramento Section, P. O. Box 708, Winters, CA 95694-0708.

**LOCATION AND DIRECTIONS TO THE SITE WILL BE PROVIDED UPON RECEIPT OF REGISTRATION**

For questions about the tours, please contact Joyce Copelan at 530.908.8372 (cell).

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**University of Nevada, Reno Engineering Students Win Concrete Canoe Competition**

RENO, Nev. – The University of Nevada, Reno concrete canoe team continued its winning tradition by taking first place in the regional contest Saturday and earning an unprecedented sixth trip in a row to the national competition in Evansville, Ind. in June.

While the paddling portion of the American Society of Civil Engineers Mid-Pacific conference in Sacramento was very close, the Nevada team of engineering students dominated the competition by taking first in the design paper and final product portions and third in oral presentation.

“As always, it was very competitive, with just a couple points between us and the other teams in the race portion,” said Kelly Lyttle, advisor for the University’s ASCE student chapter. The Nevada Canoe team’s archrival University of California, Berkeley came in second place overall and San Jose State University came in third. Eight universities competed in the regional competition.

“Our lightweight concrete made a huge difference from last year,” Lyttle said. “Weight is such an important factor. Our canoe, Black Diamond, was 45 to 50 pounds lighter than last years at about 175 pounds, and considerably lighter than Fresno State’s which weighed in at 750 pounds.”

“The concrete canoe team’s sustained success over the last six years has been fantastic,” David Sanders, civil and environmental engineering professor and the team’s adviser said. “Students have come and gone but the team continues to maintain excellence. The students and the University have much to be proud of in the team’s accomplishments. The students learn about project management, critical thinking and problem solving, new materials, and presentation of results.”

For more information about the team, visit www.nevadacanoe.com.
ASCE STUDENT DAYS 2011

Folsom, CA September 9-11, 2011

By Larry J. Smith, P.E. – Chairman ASCE Construction Institute

The ASCE Construction Institute Chapters of the Sacramento and San Francisco Sections are pleased to announce Student Days 2011. This unique weekend will encompass: networking, young professional development, a job fair, professional speakers, scholarship presentations, and a site tour of the Folsom Dam Auxiliary Spillway Control Structure in Folsom, California. A minor fee of $25.00 is associated with this event to cover basics, however all food, hotels, and workshops are included. In addition, a stipend is available to offset students cost in travel.

The Construction Institute Chapters will be awarding Construction Scholarships for the 2011/2012 academic year. Up to 6 scholarship awards ranging between $1,000 and $2,000 each will be made. The number and value of the awards are at the discretion of the Awards Committee.

Applications for Student Days and Scholarships can be found on the ASCE CI website located at: http://www.asce-sacto.org/Institutes/CI/Student_Days.htm

Please Contact our Student Days Directors Heather (heather.crockett@usace.army.mil), or Shauna (shauna.l.england@usace.army.mil) for more information.
Ladies Auxiliary
Sacramento Section
American Society of Civil Engineers

by Betty Hamon and Maxine Burns

In the early 1960’s, Jack Barrish was president of the Sacramento Section, American Society of Civil Engineers. He and his wife, Kay, attended an ASCE conference in Portland, Oregon where the ladies, who had accompanied their husbands, were hosted by the Ladies Auxiliary, Portland Section, ASCE.

Kay was so impressed she wanted to start a Ladies Auxiliary in Sacramento. Kay had a meeting in her home with several ladies she thought would be interested in organizing a Ladies Auxiliary. At the meeting, it was decided that we would organize a Ladies Auxiliary.

Another meeting was held in February, 1961 at the Tuesday Club where the Executive Board was elected - Kay Barrish, President; Rosina Beaton, Vice President; Pat Cheny, Secretary; and Noreen Doody, Treasurer. Dues were set at three dollars a year. A group of about fifteen formed a telephone committee. We each called 25 or so prospective members. In addition, six hundred notices were sent out. On March 8, 1961 a meeting was held at the Tuesday Club with 135 members in attendance. Cost of the luncheon was one dollar and seventy-five cents.

The Sacramento Section Ladies Auxiliary became the ninth ASCE Section Auxiliary in the United States, and today, fifty years later, we are still going strong.

In 1963 - 1966, we had several meetings of the Sacramento Section Ladies Auxiliary in Dacca, East Pakistan, attended by members whose husbands were employed as consultants by the East Pakistan Water and Power Development Authority and USAID. We believe we were the first ASCE Ladies Auxiliary to have meetings outside the United States.

In the late 1960’s, it was decided to have a newsletter, thus the A.S.C.E. Auxiliary-O-Gram was born. Our son, Pat, in junior high school, was taking a calligraphy class, and created the masthead for the Auxiliary-O-Gram, which is still in use today. It is uncertain when the craft group or Christmas cookie exchanged was started, but both are going strong and enjoyed by many members.

The Ladies Auxiliary has been an integral part of the Sacramento Section for fifty years. The Auxiliary watched the Sacramento Section grow as it added four branches in Northern California, and, for a time, a branch in Northern Nevada.

Another first is our three-time President, Betty Hamon. Thank you Betty, for being the glue that has held us together.

Soliciting Nominations for Outstanding Civil Engineering Leaders in Sacramento

by Fareed S. Pittalwala, P.E.
ASCE Region 9 Governor

The Sacramento Section of ASCE is soliciting nominations for individuals in the civil engineering community who have shown exemplary leadership, community service, and contributions to the profession. There are several categories for individual awards:

Arthur L. Elliot Award for Bridge Engineering
Thomas A. Stanton Award for Best Engineering Event
Charles C. Pope Award for Construction
Francis N. Hveem Award for Geotechnical Engineering
Frederik W. Panhorst Award for Structural Engineering
David N. Kennedy Award for Water Resource Engineering
Joseph W. Gross Award for Humanitarian Efforts
Jonathan Burdette Brown Award for Education
William H. Hall Award for Flood Control Engineering
Theodore D. Judah Award for Transportation Engineering
The Outstanding Civil Engineer in the Private Sector
The Outstanding Civil Engineer in the Public Sector
Outstanding ASCE Life Member
Outstanding ASCE Practitioner Advisor
Outstanding Civil Engineering Student
Outstanding Younger Civil Engineer
Outstanding ASCE Branch Officer
Outstanding ASCE Section Officer
Outstanding ASCE Younger Member Officer
Outstanding Engineer in Legislative Activities
Legislator of the Year
Lifetime Achievement Award

If you would like to be nominated or would like to nominate an outstanding civil engineering leader, please contact Fareed Pittalwala at fpittalwala@rbf.com for more information. Award winners will be honored during the annual ASCE Sacramento Section Awards and Officer Installation banquet to be held in mid September of this year.
**JUNE SOCIAL**

The year’s almost halfway gone, and that means the ever-popular June Barbeque is fast approaching! Come out and enjoy the beautiful Sacramento summer evening for some great BBQ and fun! In addition, the YMF will be awarding this year’s scholarship winners at this entertaining and relaxing event. Here are the specs: BBQ Social, Wednesday June 8, 2011, 5:30 PM, McKinley Park, 330 McKinley Blvd, Sacramento, CA 95816. Look for the YMF in area GA7, on the “H” Street side near Alhambra Blvd. Note the NEW DATE!! Because of our ever-changing weather, we’re moving the BBQ back. Everyone, do your Sun Dance!

**GOLF TOURNEY NEWS**

Love to golf? Golf Committee Chair, James Pangburn, has successfully booked Catta Verdera Country Club for this year’s Make-a-Wish charity golf tournament. The tournament will be held on Monday, July 18th. This will be a half-day event including lunch, a scramble-format tournament on the North Course, and dinner. Mark your calendars and invite your co-workers ~ come out and swing your clubs for a good cause! For more information, email James at jpangburn@markthomas.com, or check out the information on our webpage: http://www.sacymf.org/meetings-events/golf-tournament. We are seeking your support in hole sponsorships, raffles, and tournament sponsorships. This is for a great cause! Call James for more information on how to participate or help out!

**JULY BUSINESS MEETING**

It’s that time again ~ come out and meet your YMF officers and chairpersons! We will be holding our quarterly business meeting on Wednesday, July 7, 2010, 5:30 PM at US Army Corps of Engineers Folsom Resident Office, near Folsom Dam. This is a great opportunity to meet other members and learn about upcoming events! Also, please take note! We will be holding elections early this year! Elections will be held at the July Business Meeting instead of October, as was held in the past! Becoming an officer or chair is the best way to be more connected to and involved with YMF. Not only do we see each other at least once a month, we also get together for other fun events such as WRYMC and the Officer’s Retreat! If you’re interested in becoming a chair, please email Elizabeth Weeks at eweeks@markthomas.com. See you there!

**PE REVIEW COURSES**

It’s about that time again ~ the October Professional Engineer’s exam is right around the corner. Fortunately, we’ve got you covered! Join us for 10 weeks of review courses! Courses are offered in:

1. Principles and Practice (General / 8 Hour)
2. Engineering Surveying
3. Seismic Principles

Visit our webpage or contact Education Director Adam Randolph at arandolph@markthomas.com for more information!

**MAY MIXER**

A great time was had by all at Luigi’s Slice in Downtown Sacramento, as we heard all about building the Hoover Dam by Mr. Paul Giroux. Mr. Giroux has been with Kiewit Corporation for the past 31 years working on a wide variety of heavy civil engineering throughout the United States such as Baltimore’s Fort McHenry Tunnel, several hydroelectric projects, Boston’s Central Artery/Tunnel Project, and most recently the new San Francisco / Oakland Bay Bridge Skyway Project. In the spring of 1931, in the shadow of the Great Depression, America boldly made plans to tame the mighty Colorado River by building a great dam near Las Vegas in the Black Canyon. This dam, eventually known as Hoover Dam, required 3.25 million cubic yards of concrete, and was unprecedented in size and scope. Many thanks to Paul for his time!
The Construction Institute Chapters of the Sacramento and San Francisco Sections, ASCE will be awarding Construction Scholarships for the 2011/2012 academic year. Up to 6 scholarship awards ranging between $1,000 and $2,000 each will be made. The number and value of the awards are at the discretion of the Awards Committee. The awards will be deposited to the Awardees’ account with the Financial Aid Office of his or hers Educational Institution. Scholarship Funds must be used for tuition and/or living expenses. Awardees must be U.S. Citizens or Legal Residents and must furnish their Social Security number.

Qualification and selection criteria are:

- Enrollment in a Civil / Environmental/ Construction Program as a Junior or First-Year Senior within the San Francisco and Sacramento Section boundaries to also include Cal-Poly San Luis Obispo and University of Nevada, Reno.
- Student Membership in the Construction Institute or an ASCE Student Chapter or a Contractor’s Association Student Chapter is desirable but not required.
- Summary of Extracurricular Activities including working and professional experience
- Transcripts are required for ALL applications
- Applicant’s Signature is required

Calendar:

- Awardees will be notified of their selection by September 1, 2011
- Scholarships will be awarded on September 9, 2011 at the Student Days Dinner in Folsom, CA.
- Applications for the ASCE CI Scholarship can be found on the ASCE CI website located at: [http://www.asce-sacto.org/Institutes/CI/Student_Days.htm](http://www.asce-sacto.org/Institutes/CI/Student_Days.htm) or [http://www.asce-sf.org](http://www.asce-sf.org) and are entitled: “CI 2011 / 2012 Scholarship Application.”

- E-Mail your complete Application package containing bio-data, essay, Extracurricular Activities/ Work Experience Summary, Transcripts and Signed Application by August 5, 2011, 5:00 p.m. to Heather (heather.crockett@usace.army.mil) and Shauna (shauna.l.england@usace.army.mil)

Please Contact our Scholarship Directors (Heather or Shauna) for more information.
Judges Chosen for the 2011 National Concrete Canoe Competition in June

by Jim Jennings, ASCE

A “Concrete” Commitment to the Civil Engineers of Tomorrow Industry Professionals Chosen to Serve as 2011 National Concrete Canoe Competition Judges

Reston, Va., May 17, 2011—For more than two decades, civil engineering students have come together each June to see if the thousands of hours they have spent researching, designing and constructing canoes made of concrete have paid off. In turn, each summer a group of five leading industry professionals is also challenged with the daunting task of determining which team will take home the “America’s Cup of Civil Engineering.”

The American Society of Civil Engineers (ASCE) today announced the elite group chosen to serve as judges for the 2011 National Concrete Canoe Competition to be held June 16-18 at the University of Evansville in Indiana. They are:

• David G. Lewis, P.E., Bridge Engineer for the County of Santa Barbara, California, Transportation Division of the Department of Public Works.
• Craig A. Lindquist, P.E., M.ASCE, president of Creative Construction Solutions in Chesterfield (St. Louis) Missouri.
• Larry K. Owens, P.E., M.ASCE, Chief Engineer/Area Manager for Traylor Bros., Heavy Civil Construction Division in Evansville.
• David J. Wanninger, P.E., M.ASCE, president of Acura Engineering, Inc., Evansville.
• Michelle L. Wilson, FACI, director of Concrete Knowledge for Portland Cement Association, Skokie, Illinois.

“This event would not be possible without the commitment of the National Concrete Canoe Competition judges, who unselfishly lend their extensive knowledge, time, energy and enthusiasm to making it the best learning experience possible for the students,” said ASCE president Kathy J. Caldwell, P.E., F.ASCE, “The judges’ endless commitment to civil engineering education will have a significant impact on the future of the profession and on the competition’s participants.”

The best and brightest from 24 top engineering schools compete in four categories—the aesthetics and structural integrity of their canoe; a technical design paper highlighting their planning, development, testing and construction; an academic presentation covering their canoe’s design, construction, racing ability and other innovative features, and, of course, the performance of the canoe and its paddlers in five different races—men’s and women’s slalom/endurance races and men’s, women’s and co-ed sprint races.

For more information on the National Concrete Canoe Competition, including downloadable high-resolution photos, please visit www.concretecanoe.asce.org.
### Sacramento Section Members on National Committee and Institutes

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<th>Committee</th>
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<th>Name</th>
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<td>CAP^3 BOK Educational Fulfillment Committee</td>
<td>Corresponding Member</td>
<td>Joan Al-Kazily</td>
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<td>CAP^3 RTB Network</td>
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<td>Nicholas Fahrney</td>
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<td>CAP^3 RTB Network</td>
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<td>Roberto Cervantes</td>
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<td>Board of Direction</td>
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<td>Executive Committee (ExCom)</td>
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<td>Program Committee (PC)</td>
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<td>Society Awards Committee (SAC)</td>
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<td>Assistant Secretary</td>
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<td>Seismic Design of Piers &amp; Wharves Standards</td>
<td>Member</td>
<td>Zia Zafir</td>
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<td>Wetlands and Sediment Management</td>
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<td>George Nichol</td>
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<td><strong>Engineering Mechanics Institute (EMI)</strong></td>
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<td>Groundwater Quality Committee</td>
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## Groundwater Symposia and Continuing Education Committee
- **Member**: Miguel Marino

## Hazardous, Toxic and Radioactive Waste Engineering Committee
- **Member**: Wendy Cohen

## Hydroclimatic Technical Committee
- **Member**: Noriaki Ohara

## Hydroclimatic Technical Committee
- **Secretary**: Michael Anderson

## Hydroclimatic Technical Committee
- **Member**: Joseph Countryman

## International Council
- **Member**: Miguel Marino

## Journal of Irrigation and Drainage Engineering
- **Member**: Byron Clark

## KSTAT Standards Committee
- **Member**: Miguel Marino

## Laboratory Testing Subcommittee
- **Member**: Masoud Kayhanian

## Laws and Institutions Committee
- **Member**: Matthew Davis

## Managed Aquifer Recharge Standards Committee
- **Member**: Matthew Davis

## Section and Branch Activities Council
- **Member**: Pal Hegedus

## Standard 34-01 Revision Subcommittee
- **Member**: G Fred Lee

## Standard 34-01 Revision Subcommittee
- **Member**: Matthew Davis

## Stormwater Infrastructure Committee
- **Member**: Matthew Davis

## Sustainable Engineering Practices Committee
- **Member**: Pal Hegedus

## Water Quality and Drainage Committee
- **Past-Chair**: Byron Clark

## Water Regulatory Standards Committee
- **Member**: Matthew Davis

## Water Resources & Environmental Planning & Management Committee
- **Member**: Katherine Lawson

## Wetlands Hydrology Technical Committee
- **Member**: Kaveh Zamani

### The Construction Institute (CI)

#### Construction Institute Board of Governors
- **Governor**: Larry Smith

#### Construction Quality Management and Inspection
- **Member**: Richard Welsh

#### Direct Design of Buried Concrete Pipe Box Sections Standards
- **Member**: Curtiss Gilley

#### Standard Design and Construction Guidelines for Microtunneling
- **Member**: Robert Bennett

#### Younger Member Directorate
- **Member**: Jonathan Balzer

### The Geo-Institute

#### Computer Geotechnics
- **Member**: Scott Anderson

#### Earthquake Engineering and Soil Dynamics
- **Member**: Ross Boullanger

#### Earthquake Engineering and Soil Dynamics
- **Member**: Ngar Kok Lee

#### Earthquake Engineering and Soil Dynamics
- **Member**: Ali Porbaha

#### Earthquake Engineering and Soil Dynamics
- **Member**: Clifford Roblee

#### Engineering Geology and Site Characterization
- **Member**: Jason DeJong

#### Engineering Geology and Site Characterization
- **Member**: Ali Porbaha

#### Engineering Geology and Site Characterization
- **Member**: Andrew Shinnfield

#### Inspection of Dams Standards
- **Member**: Donald Babbitt

#### Journal of Geotechnical and Geoenvironmental Engineering Editorial Board
- **Member**: Jason DeJong

#### Soil Properties and Modeling
- **Chair**: Jason DeJong

#### Soil Properties and Modeling
- **Member**: Jason DeJong

### The Structural Engineering Institute (SEI)

#### ASCE 7 Subcommittee on Seismic Loads
- **Member**: Robert Chittenden

#### ASCE 7 Subcommittee on Seismic Loads
- **Member**: Kit Miyamoto

#### ASCE 7 Subcommittee on Seismic Loads
- **Member**: R William Rudolph

#### ASCE 7 Subcommittee on Snow & Rain Loads
- **Member**: Douglas Gadov

#### Blast, Shock and Impact
- **Member**: Matthew Salveson

#### Concrete Bridge Design (w/ ACI 343)
- **Member**: Rajalingam Valluvan

#### Dynamic Effects
- **Chair**: Sashi Kunnath

#### Masonry Standards Joint Committee
- **Member**: Robert Chittenden

#### Minimum Design Loads For Buildings and Other Structures Standards
- **Member**: Robert Chittenden

#### Minimum Design Loads For Buildings and Other Structures Standards
- **Member**: Kit Miyamoto

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<td>Public Relations Committee</td>
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The Transportation and Development Institute (T&DI)

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<th>Advanced Technologies Committee</th>
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Educational Activities Committee (EDAC)

| Committee on Scholarships (COS) | Chair | William Neuman |

Capital Branch Seeks Candidates for New Board Term

by Thor Larsen, P.E.

The Capital Branch is seeking officer candidates to serve for the 2011-2012 term. The board serves for a term of one year, starting annually in October. The positions open for election in the coming year are:

- Secretary
- Vice President of Education
- President Elect

The President Elect position is a 3-year term, where the candidate advances to Branch President, and then serves as Past President.

All interested candidates must submit a candidate statement to the Nominating Committee. The candidate statements should include the education/background of the candidate, along with their goals to benefit the Branch and its constituents. Candidate statements must be no more than 175 words long and must include the candidate’s name, title and position sought. Any words after 175 will be cut off and not considered. This is to give each candidate an equal opportunity to express themselves both to the Nominating Committee and the Branch as a whole.

The Nominating Committee, made up of 5 Capital Branch Past Presidents, will review and present all candidate statements to the Capital Branch Board at the June Board meeting. The ballot of candidates selected will be sent to the Branch members in July.

The Capital Branch has recently adopted new by-laws, adopted an annual planning calendar, and has written a policy and procedures manual to decrease the learning curve for new Board members. The Branch has also increased their service activities, continues to coordinate monthly luncheons, and strives to find new ways to serve branch members. If you wish to be part of the board that serves and acts as the face of ASCE in the Sacramento region, please e-mail Thor Larsen at thor.larsen@edcgov.us. You may visit our website under Capital Branch Policies and Procedures at [http://www.asce-sacto.org/Branches/Capital_Branch.htm](http://www.asce-sacto.org/Branches/Capital_Branch.htm) for officer descriptions.