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President’s Message

Culture Matters!

Although we are still dealing with the lingering reality of COVID, I’m starting to feel like we are beginning to get back to some form of “normal” life. However, I believe the pandemic has forever changed how our organizations fundamentally operate and interact with our clients but especially our employees.

I recently read an article written by Abhinav Chugh from the World Economic Forum that discussed what we’ve been hearing as “The Great Resignation”. As you probably already know, The Great Resignation (TGR) is being described as a phenomenon where great numbers of employees are leaving their jobs either during or after the COVID-19 pandemic ends. Chugh interviewed university professor Dr. Isabell Welpé for the article and a lot of good points were made about what’s causing TGR. However, it should be no surprise that the overwhelming cause of TGR is that most workers would like to work remotely, and they are willing to quit their jobs in order to do so.

In response to the above, most of our



Scott Lillibridge
 Sierra Chapter President
 2021-2022

Calendar of Events
Meetings are held at the Hilton Sacramento Arden West unless otherwise noted.

Member Cost: \$50 - Non-Member \$60

ACEC Sierra Chapter

Wednesday March 16th

Joint Calmentor-ACEC Meeting
Hilton Sacramento Arden West

Speaker:
Karl Dreher

Topic:
“Broadband Middle Mile, Active Transportation and Infrastructure”

[Register Here](#)

Wednesday April 13th

Ken Kerry 13th Annual Luncheon

“Water in the 21st Century”
 (See Attached Flyer for Details)

Wednesday April 20th

Young Professional Forum—Luncheon

Hilton Sacramento Arden West
 (Additional Details Coming Soon)

ACEC California

Sunday, April 24th

ACEC Federal Pac
 Northern CA Chapters
 2022 Wine Event
(See Attached Flyer for Details)

Please visit www.acec-ca.org for a complete list of upcoming webinars and on-line classes.

President's Message Continued

Continued from page 1

organizations have created opportunities for staff to work a more flexible and often remote work schedule. No matter what your personal thoughts are on this, some amount of virtual and remote work is here to stay. However, our industry is so collaborative and very few of us work in a silo, therefore there is still the need to come together, connect and coordinate with each other. The following statement by Dr. Welpé illustrates what will be needed in our industry's evolving work culture:

"The use of office buildings will change as they become cultural touchstones and meetings places for recruiting, meeting customers, and holding bootcamps to facilitate interpersonal exchange. This new way of organizing work requires a different leadership style and also demands new skills from workers. Self-leadership will gradually replace leadership through leaders and control. Workers who are able, willing, and motivated to take on responsibility will thrive and enable greater agility in their organizations. Managing the transition to this new way of functioning organizations requires two measures: Selecting the right talents and socializing them in the right way."

What hits home for me in the above statement (but is not really emphasized in the article) is this: Company culture (values, purpose, vision, norms that drive action, behaviors and results) still matters regardless of where our employees perform their work and is critical if they are going to thrive in this new work environment.

Why is culture so important?

- It supports work relationships and team health
- People love being part of great organizations
- Great cultures have great impact
- It makes our work life more fulfilling and fun

Even in a virtual work environment we all still need connection in some way to our fellow team members and being a part of something bigger than ourselves. How successful are we at creating great company culture makes all the difference in employee satisfaction, which leads to client satisfaction and then ultimately how profitable we will be.

Stepping down off of my soapbox now...

As always, I look forward to seeing you all at an upcoming membership meeting and let's continue to build a better California!

Past Presidents and Tim Fleming Memorial Scholarship Award Ceremony February Dinner Meeting Recap

By: Marco Palilla, Director

Our 11th Annual Past President's Dinner Meeting and Tim Fleming Memorial Scholarship Award Ceremony was another excellent event celebrating the Sierra Chapter. On February 23rd, your legendary Past Presidents were joined by an assortment of members and guests including our Guest Speaker, ACEC-CA Government Affairs Director Tyler Munzing (who pinch-hit for President Miranda Patton when her flight was cancelled).



Jasmine Randhawa - UOP

Sarah Grajdura - UC Davis

Although the parade of Past Presidents was impressive (see the photo at the end of this article), the highlight for me was introducing the 11th annual winners of the Tim Fleming Memorial Scholarship, Jasmine Randhawa and Sarah Grajdura. Each winner received a \$5,000 check from the scholarship fund which is administered by the California Transportation Foundation (CTF). Our scholarship review team of Ryan Fleming and Susan Fleming-Bentley received 11 applications this year and narrowed it down to Jasmine and Sarah.

Jasmine is currently a third year undergraduate student at UOP and planning to graduate in May 2023 with her BS in Civil Engineering. After graduating she plans to complete her Master's

Degree in 2024 and work full time in the transportation sector. Jasmine is currently doing her Co-Op at Caltrans, Division of Rail and Mass Transportation. She also served as Secretary of the UOP ASCE Student Chapter.

Sarah is a 5th year PhD student at UC Davis and graduating this month (March 2022). She is currently working on two projects: 1) modeling used vehicle exports to developing countries and 2) modeling changes in California transportation patterns under different future COVID scenarios. Sarah has accepted a post-doctoral scholar position at UC Davis, Energy Futures program at the Institute of Transportation Studies. She will be working on projects related to modeling future transportation and energy systems in the US and internationally, including a range of topics related to new vehicle technologies, new fuels, and transportation system dynamics.

Congratulations again to both of this year's winners!

Remembering Tim Fleming's legacy in this way is absolutely a win-win for our Chapter and the schools in our area. In addition, the Sierra Chapter Board approved another \$5,000 donation to the scholarship which is now an endowed scholarship!

Finally, Past Presidents joined us from as far back as 1994, Paul Enneking, up through and including our 2020-2021 Past President, Jerry Jones. Thanks again to all the Past Presidents, Tyler Munzing, Ryan Fleming and Susan Fleming-Bentley, and our scholarship winners for making this another great Sierra Chapter event!

Past President's photo is on the next page.

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**2022 Sierra Chapter Past President's Dinner
February 23, 2022**

Left to Right: Steve Sinnock, Kevin Gustorf, Jerry Jones, Steve Greenfield, Paul Enneking, Ted Hopkins, Chuck Cunningham, Eddie Kho, Tom Blackburn, and Marco Palilla

Legislative Visit Day Cancelled

From the February ACEC-CA Legislative Brief



A bit of a sad update—due to several factors, ACEC-CA is canceling our Legislative Visit Day (LVD) for this year, which was scheduled for May 18, 2022. In short, despite reopening's and restriction rollbacks taking place across the state, ongoing uncertainty about access to legislators and their staffs in May have led us to the unfortunate realization that we must cancel LVD lest we risk a significant financial loss.

Membership



The Sierra Chapter is proud to announce the Board of Directors approved and welcomed the following new firms in the past year:

Firm	Month/Yr. Joined	Member Type	City
Deems Structural Engineering, Inc.	02/2022	Engineering	Roseville
R & F Engineering	01/2022	Civil Engineering	Roseville
J Design & Consulting Engineers	09/2021	Civil Engineering	Rancho Murieta
Ardurra Group, Inc.	08/2021	Engineering	Sacramento
Biggs Cardoso Associates, Inc.	07/2021	Engineering	Sacramento

Did you know that individual members that help to bring a new state ACEC California member can take advantage of the Member-Get-a-Member Recruitment Program that entitles recruiters to a \$100 VISA Gift Card? If you know a firm that may be interested in joining ACEC California, please reach out to Tom Sell, (tsell@gfnet.com).

ACEC-CA SIERRA CHAPTER FIRM PROFILE

Northwest Hydraulic Consultants (NHC) is a consulting engineering firm focused exclusively in the area of water resources. We are proudly celebrating our 50th year providing these services to a variety of

public and private clients. NHC is an employee-owned firm made up of dedicated engineers and geoscientists who specialize in hydraulic and hydrologic engineering, water resource engineering, river engineering, sedimentation engineering, coastal engineering, fluvial morphology, aquatic habitat restoration, and numerical and physical modeling.

NHC's California offices are in Sacramento, South Lake Tahoe, and Pasadena. NHC's North American offices are in Seattle, Olympia, and Bellingham, Washington; North Vancouver, Nanaimo, Squamish, and Kamloops, British Columbia; Edmonton, Alberta; Montreal, Quebec; and international offices in Sao Paulo, Brazil; and Dhaka, Bangladesh. Our staff includes approximately 150 water resources and design specialists, and a total staff of 230.

NHC opened our first California office in 1994 and has applied our technical expertise in understanding physical processes in both natural and man-made settings to assist in protecting and restoring natural functions in watersheds, rivers, creeks, floodplains, wetlands, and coastal regions. NHC's specialists work closely with teams of other professionals, in conjunctions with landowners and regulatory agencies,

to develop flood and sediment management, water management, hydropower, water supply, and fish passage restoration projects from conceptual alternatives to fully implemented designs. NHC provides unique hydrologic and hydraulic services to support multi-discipline design projects through our expertise in multi-dimensional numerical modeling (CFD), hydraulic transient analysis, and physical hydraulic modeling capabilities through our four full-service laboratories.



CFD Model Results for the Damaged Spillway Condition (Oroville, CA)

Example of recent projects shown in the photos above include CFD modeling of the Oroville Dam spillway repair alternatives for California DWR; field data collection on the Pajaro River to support our ongoing flood management work with Santa Cruz County; and physical modeling of the Arroyo Trabuco fish passage project near San Juan Capistrano for Trout Unlimited.

For more information on NHC, visit our website at www.nhcweb.com



Physical Model for Arroyo Trabuco Fish Passage Project (San Juan Capistrano, CA)

Contact:
Brady McDaniel, P.E.
Principal/Branch Manager
bmcdaniel@nhcweb.com

2021-2022 Board of Directors

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Debanik Chaudhuri (2022)
(Shannon & Wilson)
916.438.2300
dxc@shanwil.com

GET NOTICED IN THE SIERRA CHAPTER NEWSLETTER!

Would you like to see YOUR FIRM listed in this Newsletter?

ACEC-CA/Sierra Chapter firms in good standing are invited to submit a company profile for inclusion in this newsletter. **Firms that have not been featured in the last two years are invited to participate again.**

Point of Contact:

Tom Sell, Vice President
(Gannett Fleming)
916.677.4775



Debbie LoCicero
Newsletter Editor
dlocicero@acec-ca-sierra.org

Calmentor NORTH REGION

A CALMENTOR and ACEC - CA- Sierra Chapter

SPONSORED EVENT

WEDNESDAY | 03.16.2022

6:00 P.M. TO 8:30 P.M.



KARL DREHER

NR Chief Deputy
NR Capital Outlay Support
Department of Transportation

Broadband Middle Mile, Active Transportation and Infrastructure

Join us as the Chief Deputy of North Region Capital Outlay Support, Karl Dreher, presents on exciting new topics that are happening within Caltrans.

Networking opportunities will be available.

LOCATION

**Hilton Sacramento
Arden West**
2200 Harvard Street
Sacramento, CA 95815

COST

\$50.00 per attendee
(Includes Dinner)

RSVP

Before March 11, 2022

SPONSORED BY:



Register here: <https://calmentoracecsierrachapter3-16-22.eventbrite.com>

For questions, contact: Debbie LoCicero | dlocicero@acec-ca-sierra.org



ACEC FEDERAL PAC NORTHERN CALIFORNIA CHAPTERS 2022 WINE EVENT

SUNDAY, APRIL 24, 2022 | 2-4 PM | VINEYARD VISTA, JACUZZI FAMILY VINEYARDS

EVENT DETAILS

Date: Sunday, April 24, 2022, 2:00pm to 4:00pm

Location: Vineyard Vista, Jacuzzi Family Vineyards,
24724 Arnold Drive, Sonoma CA 95476

Tasting: 2:00 pm to 3:00 pm (Tasting of 4 wines)

Bottle Service: 3:00 pm to 4:00 pm

Shopping Discount: A one-time discount of 15% on Jacuzzi wine purchased during event. Wine discount extends to all guests in attendance.

PURCHASE TICKET(S) HERE

For every \$50 donated at the event's link, member will receive a winery event door prize ticket & a ticket to each of the CA State 1st Quarter Sweepstakes to be held on March 31st (if member signs up for the event before March 31, 2022 at 12:00 PM, noon PST). The CA State 1st Quarter Sweepstakes has a total of \$2,000 in prizes: \$250, \$250, \$500, and \$1000.

Additionally, member will receive an ACEC NATIONAL SWEEPSTAKES ticket for every \$200 in contributions made at this event and be eligible to win \$1,000 to \$10,000 in prize money. This drawing will happen on May 23, 2022 during the ACEC National Convention in Washington, D.C.

Questions: Contact Mousa Abbasi, mousa@transpediaone.com

TICKET PRICING

Young Professionals

(35 years & younger)

- Door Prize Ticket
- CA 1st Quarter Sweepstakes Ticket

\$75

Young Professional + Spouse

- 3 Door Prize Tickets
- 3 CA 1st Quarter Sweepstakes Ticket

\$150

Member

- 3 Door Prize Tickets
- 3 CA 1st Quarter Sweepstakes Ticket

\$150

Member + Spouse

- 4 Door Prize Tickets
- 4 CA 1st Quarter Sweepstakes Tickets
- National Sweepstakes Ticket

\$200

KENNKERRI

Endowment Fund

Advancing Educational Excellence in Civil Engineering



SACRAMENTO STATE
Department of Civil Engineering

WATER IN THE 21ST CENTURY

Sacramento State Alumni Center
11:30 AM – 1:30 PM



WEDNESDAY,
APRIL 13
2022

KEYNOTE SPEAKER:
E. Joaquin Esquivel

Chair, State Water Resources Control Board

13th ANNUAL LUNCHEON

LIMITED SEATING.
RSVP ENCOURAGED.

For info, please contact:
Ashley Mihok at (916) 278-6982
or ashley.mihok@csus.edu

www.ecs.csus.edu/ce