

CAL POLY ITE

Keeping Momentum



General Meetings 197-104 | 11 AM – 12 PM | Lunch Provided
 1/12 Ray Davis | 1/26 DKS Associates | 2/9 SLO Airport
 2/16 Bishop Peak Technology | 2/23 Vali Cooper & Associates |
 3/9 Remix/Fehr & Peers

Speed Interviews & **CE/ENVE Career Fair**
 1/24 | 1 PM-3 PM 1/27 | 9 AM – 2 PM
 Building 13, Room 118 Chumash Auditorium

Stay Tuned...

ITE Data Collection, Fundraisers, LA Firm Tours, & more!

Spotlight: Evaluation of I-80 Adaptive Ramp Metering: User Satisfaction and Operational Perspective

"This study evaluates the adaptive ramp metering algorithm implemented on the I-80 corridor in the San Francisco Bay Area as part of the Integrated Corridor Mobility (ICM) Project. The first component of this study is a survey examining user perceptions and satisfaction with the adaptive ramp metering. The second component is a performance evaluation based on operational parameters before and after the implementation of the adaptive ramp metering. Conclusions will be presented regarding the potential suitability of adaptive ramp metering to other corridors."

-Travis Low, Master's Candidate

New project ideas/opportunities? Let us know at calpolyite@gmail.com!

FROM OUR PRESIDENT

Welcome to Winter Quarter! We had an event-filled Fall Quarter with socials, networking mixers, community service opportunities, fundraisers, and more. One of our club's objectives this year is more collaboration with the on-campus and local community. Our chapter kicked off this quarter by attending the 4th Annual Student Leadership Summit. 28 Cal Poly students trekked south to Orange County, CA and had a great time networking with professionals and other students in the Western District. Prior to the Summit, graduate student Travis Low, Kristina Mai, and I attended the Transportation Research Board Annual Meeting in Washington D.C. Week 1 of Winter Quarter was quite transportation-packed.

Looking ahead, our chapter aims to continue growing on campus, on social media, and in our connections to our Cal Poly ITE alumni network. In the fall edition of the Western District Newsletter, our photo with President Mark Spencer made the front cover, caught the attention of a Cal Poly ITE alum from 35 years ago, and led to an awesome correspondence with a Cal Poly alum from all the way in Anchorage, Alaska (hi, Kris Langley!) On February 27th, we hosted our first Transportation Alumni Reception where we invited the transportation firms from the Civil and Environmental Engineering Career Fair to hang out in the TESPAs with us and reconnect. Thank you alumni, industry partners, members, and faculty for supporting Cal Poly ITE through sponsorship and your encouragement!

- Ashley Kim



2017 Student Leadership Summit

Cal Poly ITE attended the 4th Annual Student Leadership Summit at Cal State Fullerton during the January 13 – 15 weekend. Students had the chance to learn from a number of technical sessions, collaborate with students from other chapters on a transportation project, and network with industry professionals. Here's what some of our student members thought about the weekend!



Name: Dong Joon Kim

Year: 1st

Hometown: Aliso Viejo, CA

Favorite Mode of Transportation: Driving my own car

Favorite Technical Session: My favorite technical session was the panel discussion about ITS and the potential of Automated Driving, because the intricate communication system between system and road is intriguing.

Favorite Non-Technical Event: The group projects against structural renovation. The people in my group were diverse and interesting, and I learned a lot from our discussions.

Name: Brian Gaul

Year: 2nd

Hometown: Agoura Hills, CA

Favorite Mode of Transportation: Airplanes (mainly because I need an excuse to explore new airports)

Favorite Technical Session: Learning about the expansion of LA Metro and all the subway tunnels and light rail lines they are creating around LA. As a seasoned commuter on LA Metro, it's nice to see improvements being implemented!

Favorite Non-Technical Event: I enjoyed meeting students from schools all over the Western District and getting to know them during breaks and the banquet! Also, having professionals and ITE leaders cook us lunch was amazing!



Name: Bernice Liu

Year: 3rd

Hometown: San Francisco

Favorite Mode of Transportation: Feet

Favorite Technical Session: Queue Cutting Strategies. This was my favorite technical session because I learned about railroad grade crossings and techniques for enhancing safety at these crossings. I also learned what a presignal and queue cutter signal are and saw examples of each in projects. I really enjoyed how interactive the speaker was with the audience and overall learned a lot.

Favorite Non-Technical Event: I really enjoyed the Banquet dinner at the Summit. There was great food, a photo booth, and an awesome dance session afterwards. I loved how everyone danced together and got closer to people from other schools from this dinner. I had lots of fun and found the speakers to also be very inspirational.



Name: Liam Campbell

Year: 4th

Hometown: Woodland, CA

Favorite mode of transportation: Airplane

Favorite Technical Session: Designing Active Transportation Systems, given by Walter Okitsu - it was interesting to hear how new active transportation facilities are tested and implemented, and what determines whether they succeed or not.

Favorite Non-Technical Event: Practice speed interviews - it was really helpful to get feedback on how to improve my interviewing skills.

