
November 4, 2021

Dear Student and Professional Participants:

Welcome to the 26th Annual CTF Transportation Education Symposium. After a year hiatus due to the global pandemic, we are thrilled to be back with you in person this year. Many of our professionals look forward to this unique event all year long and find it as rewarding as the students. The sessions are intended to be participatory exchanges of ideas, not presentations. Everyone – students and professionals – will have the opportunity to offer personal insights and opinions.

Each student has been carefully paired with a professional; there are 39 pairs participating in this event. When you arrive, or if possible before you arrive, read her/his resume included in your symposium materials. Upon arrival please find your partner. Depending on arrival times you may have the chance to sit together and get to know each other a little before the first session begins. During the welcome session, students will introduce their professional mentor.

The program is a mix of one-on-one mentoring, small group interactions, and plenary sessions with panels of professionals sharing their experience and expertise. The centerpiece of the program is a team exercise that will give students insights into a real-world transportation challenge and professionals the chance to impart wisdom and influence team strategy. Bragging rights are on the line, so be prepared for some friendly competition!

The program includes communications breaks at regular intervals to allow you to stay connected with the office or your classes, but we kindly ask that you give your full attention to the symposium program to get the most from this one-of-a-kind experience. You will be able to check into your sleeping rooms during the afternoon break if your room was not available when you arrived.

Students attending this Symposium have been nominated by their professors and are standouts in their academic programs. This year 19 different academic institutions are represented by the cohort of 39 students. Only the students who attend this Symposium and complete the event evaluation will receive an application for three scholarships:

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• Darren Kettle • James Moore • Josh Peterman, P.E. • Dianne Steinhauser • Tim Stroud • R. Jeff Watson • Heinz Heckerth, *Emeritus*

- CTF Education Symposium Scholarship - \$5,000
- CTF Board Scholarship - \$2,500
- CTF Scholarship Recognizing the California Transportation Commission - \$1,000

A post-event survey will be made available to each participant. Professionals and students who complete the survey within 3 days will be eligible for a drawing for a \$50 gift card. There is a separate evaluation for students and professionals to complete. You will be given instructions on how to access the brief surveys at the completion of the program. It should take less than 5 minutes to complete the survey, and the feedback we receive allows us to improve the program each year.

Once students have submitted their evaluation, they will be able to access the CTF Education Symposium Scholarship application via Kaleidoscope after you submit an evaluation. While we encourage students to fully engage in the program and to do their best in the RFP competition, please know that performance at the Symposium will not influence the CTF Education Symposium Scholarship awards and will be based solely on your scholarship application.

CTF could not hold this Symposium without the generous contributions of our sponsors listed in the program and acknowledged on signage around the event. Each professional here has underwritten the participation of our students, and is voluntarily giving two days of their time to this event. We encourage students to take a moment during the event to thank them. On behalf of the CTF Board of Directors, I extend our deep gratitude for your support of this important event.

Lastly, this event is intense, but lasting friendships, future career opportunities, and invaluable knowledge is transferred during these two days together. As in life, what you put into it is what you will get out of it. Make it count.

Sincerely,



Marnie O. Primmer
Executive Director

CTF Board of Directors 2021

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MARK THOMAS



2021 Education Symposium Agenda

day 1

- 9:00 am** **Registration opens**
Check-in, find your partner, grab some breakfast
- 10:30 am** **Welcome and Orientation in Folsom Room**
Bob Morrison, Co-Chair of CTF Education Committee, Monument ROW
Tilly Chang, Co-Chair of CTF Education Committee, SFCTA

Get to know your partner.
- 11:15 am** **Communications Break**
Answer emails, post to social and return calls now.
- 11:25 am** **Transportation Ready, Set, Go! in Folsom Room**
Luis Porrello, CTF Vice Chair, WSP - moderator
Kim Clark, SCAG; Parag Mehta, Kimley-Horn, Ryan Russo Oakland DOT,
Chad Edison, CalSTA, Mark Zabaneh, Gannett Fleming; Li Zhang, TAM

Overview of the transportation profession.
- 12:15 pm** **Lunch, One-on-One Connections in Eagle Room**
Students and professionals spend time together.
- 1:15 pm** **AMA with Transportation Professionals in Folsom Room**
Dr. James Moore PhD, CTF Scholarship Cmte. Chair, USC- moderator

Ryan Chamberlain, Caltrans; Dina Potter, HNTB; Leo Rubio,
Bennett Engineering; Michelle Stewart Metrolink; Aron Zerezghi,
Gray Bowen Scott; Meghan Mitman Fehr & Peers
-

A panel of mentors from an array of organizations and professional backgrounds will answer student questions about the transportation industry, no matter how awkward or odd. This is your chance to get those burning questions answered with the unvarnished truth.

2:15 pm Communications Break

Answer emails, post to social and return calls now.

2:30pm Breakout Sessions: Finding a Job and Workplace Expectations

In small groups, students will be guided by a team of two mentors in an interactive discussion on transportation-related job search tips and tricks. Students will have a chance to get in-depth advice about resumes, interviews, and common workplace topics.

See handout for room assignments.

3:30pm Break and Check into Sleeping Rooms at Front Desk

3:45pm Mix and Mingle Snack Break

We will have a fun activity and an afternoon pick-me-up.

4:45pm RFQ Orientation and Team Assignments in Folsom Room

Jeff Watson, CTF Education Committee Member, HNTB

Competing student teams, each assisted by professional “coaches” develop proposals to solve a real-life transportation problem. Professionals will role play as stakeholders and selection committee members. The selection committee will award the “contract”, and the bragging rights that go with it, at the end of the symposium.

5:30pm Begin work on RFP Responses and Role Playing

Stakeholder and selection committee orientation

Team coaches/professional mentors meet with student teams

6:30pm Dinner is served in the Eagle Room

7:30-10pm RFP Work Continues in Breakout Rooms

After dinner, work on proposals continues for the student teams and their professional coaches and mentors.

8-9pm Stakeholder Office Hours in the Folsom Room

Student teams are given the chance to meet with professionals role-playing various stakeholders. Teams should consider their strategy for meeting with stakeholders, some of whom are also selection committee members. Office hours are one hour only, so teams need to make good use of their time. First impressions are important, so make a good one!

9:00 pm Evening Snack Provided in the Solarium

Grab-and-go goodies to get you through proposal production.

day 2

7:30am RFP Work Continues, Breakfast is served in the Eagle Room

Teams will have one hour to put the finishing touches on their responses.

8:30am Selection Committee Briefing in Brandywine Room

Jeff Watson, HNTB

8:30am Communications Break

Answer emails, post to social and return calls now.

8:45am Group Photo, location TBA

Eric Shen, San Gabriel Valley Council of Governments

9am-12pm RFP Presentations to Selection Committee in the Folsom Room

Jeff Watson, HNTB

Student teams make presentations to the Selection Committee which will also ask questions. All student members of the teams participate in the presentations.

12pm Selection Committee Meets in Brandywine Room

- 12pm** **Lunch is served in the Eagle Room**
Now is a good time to check your bags at the bell desk if you haven't already.
- 1:00pm** **Transportation Trivia Bowl in the Folsom Room**
Bob Morrison, Co-Chair of CTF Education Committee, Monument ROW
Tilly Chang, Co-Chair of CTF Education Committee, SFCTA

Test your knowledge of transportation factoids, tidbits, and trivia.
- 1:45pm** **RFP Award Presented in the Folsom Room**
- 2pm** **Program Concludes**
- 2:15pm** **Shuttles Depart for Sacramento Airport.**
Collect your bags from the front desk and meet in the lobby.

Please be sure to complete your post-event survey for a chance to win a \$50 gift card.

CTF Staff Contact Information

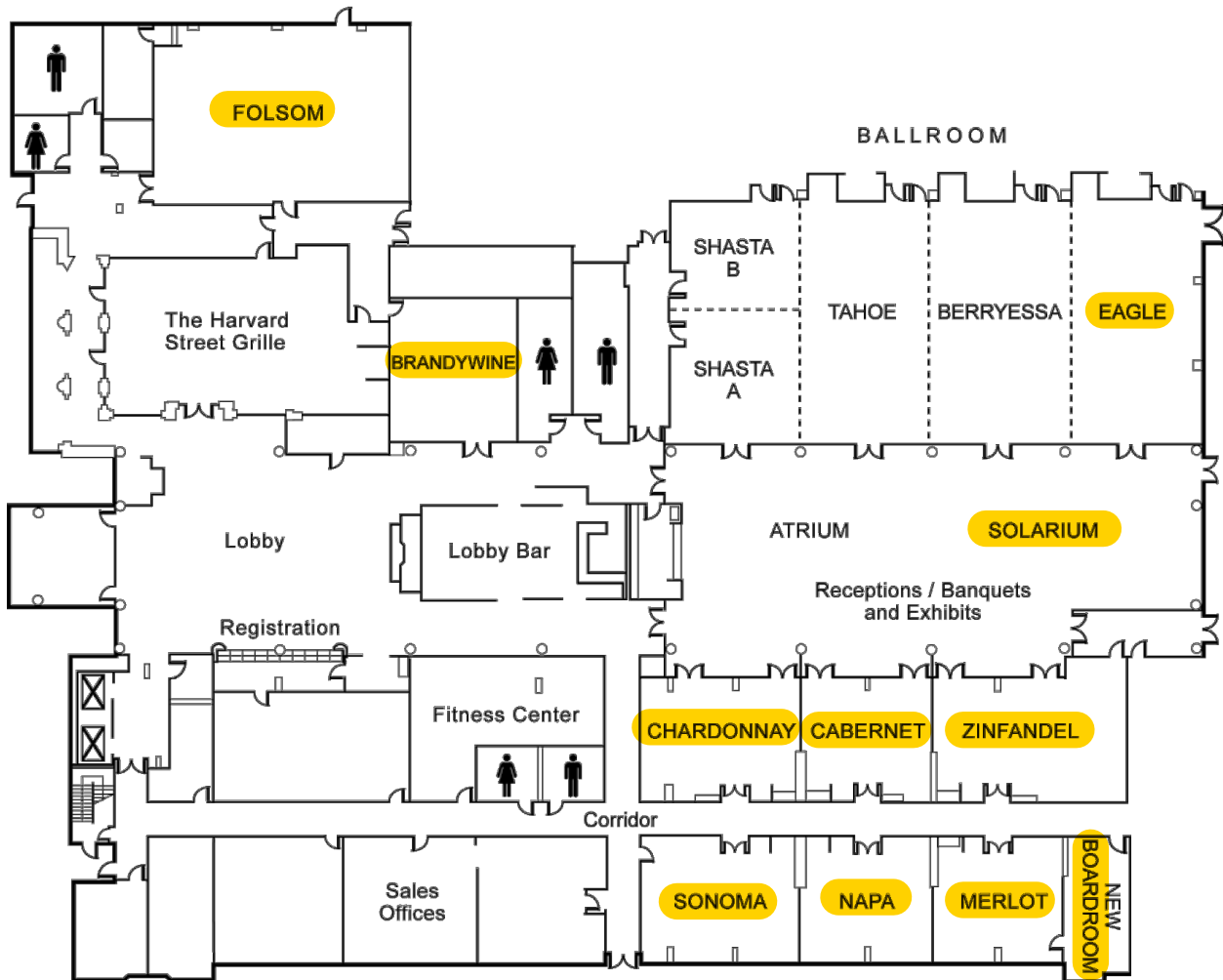
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HILTON SACRAMENTO ARDEN WEST GROUND LEVEL



Folsom Room - Main Meeting Room

Eagle Room - Dining Room

Solarium - Evening Break Location

Boardroom - Goodie Storage

Breakout Rooms:

Zinfandel (November 4) Brandywine (November 5)

Chardonnay

Cabernet

Merlot

Napa

Sonoma

Breakout and RFQ Team Assignments

Fuschia Team – Napa Room

Pros	Students
Leo Rubio- Team RFQ Co-Lead, AMA Panelist	Alyssa Labrador
Albee Wei- Breakout Session Co-Lead	*Lucy White
Tad Widby- Breakout Session Co-Lead	Michaela Chen
Will Kempton- Team RFQ Co-Lead	Rodolfo Zarate
Tim Haile- RFQ Stakeholder	*Lucy White
Zach Siviglia- RFQ stakeholder	Robert Carey
Rachel Vandenberg- RFQ Stakeholder	Franshessa Aragundi

*Co-Mentoring due to schedule availability

Lime Team- Sonoma Room

Pros	Students
Martin Englemann- Team RFQ Co-Lead	Graham Velek
Diana Gomez- Team RFQ Co-Lead	Andrea Sanchez
Luis Carrasquero- Breakout Co-Lead	James Huang
Li Zhang- Breakout Co-Lead	Roseanely Alvarez- Coria
Jeff Watson- RFQ Lead and Stakeholder	Jarvis Yuan
Dr. James Moore- AMA moderator	David Kim
Bob Morrison- Event Co-Chair, RFQ Stakeholder	Emil Rodriguez

Teal Team- Chardonnay Room

Pros	Students
Kim Anderson- Breakout Co-Lead	Lily Cohen
Ben Tripousis- Breakout Co-Lead	Tommy Tran-Nguyen
Ryan Russo- Team RFQ Co-Lead	Ken Ho Der
Michele DiFrancia- Team RFQ Co-Lead	Kyle Powers
Mark Zabaneh- Ready Set Go Panelist	Bryant Lee
Tilly Chang- Event Co-Chair, RFQ Stakeholder	Isabella Volpe

Yellow Team- Merlot Room

Pros	Students
Ryan Chamberlain- AMA panelist RFQ Team Co-Lead	Juan Lopez
Meghan Mitman- RFQ Team Co-Lead	Laura Varela
Dianne Steinhauser- Breakout Co-Lead, RFQ Stakeholder	Christine Stavish
Chris Sewell- Breakout Co-Lead	Alyssa Lam
Aron Zerezghi- AMA panelist	John Dillard
Malcolm Dougherty- RFQ Stakeholder	Quinn Vosmera

Aqua Team- **Zinfandel Room/ Brandywine Room

Pros	Students
Kim Clark- Ready, Set Go Panelist, RFQ Team Co-Lead	Joan Lee
Tim Hayes- RFQ Team Co-Lead	Gilbert Salas
Parag Mehta- Ready Set, Go Panelist	Reed Crane
Dina Potter – AMA Panelist, Breakout Co-Lead	Brigid Ahern
Luis Porello- Ready Set Go Moderator	Jacob Hamada
Chad Edison- Ready, Set, Go Panelist	Edgar Ennis
Dan Nutter- Breakout Co-Lead	Estefn Ibrahim

**Will switch rooms Nov. 5

Navy Team- Cabernet Room

Pros	Students
Kris Balaji- RFQ Stakeholder, Breakout Co-Lead	Haroutiun Kglan
Matthew Salveson- RFQ Team Co-Lead	Michael Leong
Michelle Stewart- RFQ Team Co-Lead	Sara Gerani
Donna Berry- AMA Panelist, RFQ Stakeholder	Jasmine Randhawa
Eric Shen- Photographer	Joseph Faria-Poynter
Sarah Brandenburg- RFQ Stakeholder, Breakout Co-Lead	Jasmine Moore

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HNTB



Mark Thomas is dedicated to improving how we all move through our world.

Since 1927, we have set the stage for countless California roadways, structures, and bicycle/pedestrian facilities. Combining technical skills with a true understanding of a project's physical, human, political, and environmental dynamics is the essence of what we do. Mark Thomas is more than a transportation planning and design firm. We are creating a better way for all of us to Move Forward.

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 CONSTRUCTION MANAGEMENT

 PLANNING & URBAN DESIGN

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Move Forward

Mark Thomas has a robust internship and new graduate program. You help to design transportation improvement projects right away, with senior staff providing guidance and mentoring. Our focus is helping all our team members learn, grow, and progress in their careers. Many of our team members joined Mark Thomas directly out of college and now hold leadership positions within the company.

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Indio, California



Michael Baker

INTERNATIONAL

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Mentor Pairs List

Students are paired with a professional for one-on-one mentoring activities. Pairs are listed alphabetically by student last name. Find your partner and get networking!



Brigid Ahern
UCLA



Dina Potter
HNTB



Roseanely Alvarez- Coria
UC Davis



Li Zhang
Transportation
Authority of Marin



Franshessa Aragundi
CSU Long Beach



Rachel Vandenburg
Dewberry



Robert Carey
Humboldt State



Zach Siviglia
Mark Thomas



Michaela Chen
Loyola Marymount
University



Tad Widby
Widby Consulting



Lily Cohen
Humboldt State



Kim Anderson
SJCOG



Reed Crane
Humboldt State



Parag Mehta
Kimley-Horn



John Dillard
Cañada College



Aron Zerezghi
Gray-Bowen-Scott



Edgar Ennis
Cal Poly Pomona



Chad Edison
CalSTA



Joseph Faria-Poynter
UC Irvine



Eric Shen
San Gabriel Valley COG



Sara Gerani
Cal State LA



Michelle Stewart
Metrolink



Jacob Hamada
Cal Poly San Luis Obispo



Luis Porrello
WSP



Ken Ho Der
Stanford University



Ryan Russo
Oakland DOT



James Huang
USC



Luis Carrasquero
Metrolink



Estefn Ibrahim
California Baptist
University



Dan Nutter
Dokken Engineering



Haroutun Kglyan
Fresno State



Kris Balaji
San Joaquin County
Public Works



David Kim
Cal Poly Pomona



Dr. James Moore
USC



Alyssa Labrador
Cal Poly San Luis Obispo



Leo Rubio
Bennett Engineering
Services



Alyssa Lam
Cal Poly Pomona



Chris Sewell
HDR



Joan Lee
USC



Kim Clark
SCAG



Bryant Lee
Cal Poly San Luis Obispo



Mark Zabaneh
Gannett Fleming



Michael Leong
UC Berkeley



Matthew Salvesson
Wood Rodgers



Juan Lopez
CSU Northridge



Ryan Chamberlain
Caltrans District 12



Jasmine Moore
UC Irvine



Sarah Brandenburg
Fehr & Peers



Kyle Powers
Chico State University



Michele DiFrancia
Parsons



Jasmine Randhawa
University of the Pacific



Donna Berry
Caltrans



Emil Rodriguez
UC Davis



Bob Morrison
Monument



Gilbert Salas
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Tim Hayes
Psomas



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Christine Stavish
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Dianne Steinhauser
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Ben Tripousis
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Laura Varela
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Meghan Mitman
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Graham Velek
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Martin Engelmann
Stantec



Isabella Volpe
Chico State



Tilly Chang
SFCTA



Quinn Vosmera
Fresno State



Malcolm Dougherty
Michael Baker Intl.



Lucy White
UC Davis



Albee Wei
Fehr & Peers



Jarvis Yuan
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Brigid Ahern

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<https://www.linkedin.com/in/brigid-ahern-237a28171/>

Education

University of California, Los Angeles

B.S. Civil & Environmental Engineering

Technical Breadth: Urban Planning

Expected Graduation Date: July 2022

GPA: 3.5

Relevant Coursework: Intro to Transportation Engineering, Traffic Engineering Systems, Urban Policy & Planning, Transportation & Land Use: Parking

Work Experience

Federal Highway Administration, Engineering Intern, Virtual, June 2021- August 2021

- Aide in the development and deployment of riverine workshops tailored for civil engineers and other transportation professionals, including presenting a video I created to members of the Department of Transportation.
- Participate in a variety of transportation meetings, including trainings, professional development sessions, and Metropolitan Planning Organization discussions.

City of Mountain View, Engineering Intern, Mountain View, CA, Cancelled due to COVID

- Communicate with the public and contribute to land development.

BKF Engineers, Engineering Assistant, Santa Rosa, CA, June 2019- September 2019

- Work with professional engineers in order to create topographic maps, 3D models, and basic hydraulic modeling on AutoCAD.

Leadership Experience

Institute of Transportation Engineers, September 2020- Present

- Attend informational presentations to enhance my transportation background.

American Society of Civil Engineers, September 2018- Present

- Expand my engineering skills through extra-curricular seminars.

UCLA Radio, Intern Department, March 2019- Present

- Create and facilitate a completely new online curriculum, including hiring and mentoring.

StreetWatch, Volunteer, March 2021- Present

- Support the local homeless community through connection and mutual aid.

Honors

American Council of Engineering Companies

- Scholarship for high-achieving students pursuing an education in engineering.

Technical Skills: AutoCAD, ArcGIS, SAP2000, R, SUMO, Matlab, Excel, iMovie

ROSANELY ALVAREZ

ralvarezcoria@ucdavis.edu | (707)774-4007 | 125 Round Walk Cir. Petaluma, CA 94954

EDUCATION

University of California Davis Expected Graduation June 2022
B.S. in Managerial Economics with a minor in Environmental Policy Analysis and Planning

Courses: Applied Research Methods, Urban & Regional Planning, Energy Policy, Methods of Environmental Policy Evaluation, Econometric Theory, Computers in Technology, Water Policy & Politics, Statistics, Natural Resource Economics, Agricultural Policy, The Policy Process, Environmental Law

PROFFESIONAL EXPERIENCE

National Center for Sustainable Transportation | Research Fellow June 2021- October 2021

- Conducted research with Dr. Elisa Barbour on a study considering the impacts of COVID-19 on transportation and implications for state policy efforts to reduce driving and promote efficient transportation for CARB
- Worked with Amy Lee on coding transportation projects from different counties using Excel

Zero Waste & Sustainability | Communications and Social Media Manager April 2021- Present

- Plan club events and general meetings to educate the Davis community on sustainability
- Manage the clubs email box and social media content postings

VITA | Lead Intern | Advanced Tax Preparer October 2019- June 2021

- Prepared and quality reviewed taxes weekly to low-income families in California for free
- Presented and created workshop presentations regarding tax law and procedures to 40 interns
- Assisted interns with learning financial literacy and helped them prepare for their IRS tax law exam

Innovation and Sustainability PAC | Launchpad Committee Member June 2020- September 2020

- Worked in a team of 40 to reach over 20,000 constituents, working to flip the US Senate in 2020
- Collaborated with a team to reach over 10,000 constituents in support of DISC
- Participated in a Real Estate competition and assisted in creating a company logo, website, open house flyers, marketing operations, financial operations, and wrote business proposals

Economics and Business Student Association | Member December 2019- May 2020

- Delivered a presentation to over 70 people including professionals in the supply chain industry, and placed as one of the finalists in the case competition
- Collaborated and communicated with teammates to solve a supply chain scenario in a case competition

Application of Computers in Technology | Intern May 2019- December 2019

- Aided students during lab and office hours with learning Excel, Access, R-Studio, and Weebly
 - Provided a welcoming environment to students and helped TA's with grading and delivering class
 - Attended weekly meetings with all staff members to debrief on the week and prepared upcoming material
-

Computer Skills: Excel, Microsoft Suite, Google Suite, Weebly, Canva, Microsoft Teams, Slack, Qualtrics

Languages: English, Spanish (native speaker)

Franshessa Aragundi

102 E. 69th St, Long Beach, CA 90805
(562) 399-3762
Email: franshessaaragundi@gmail.com

To improve the company by being hands-on by perfecting all giving requirements regarding the applied position.

Education

- Currently a CSULB civil engineering student, in my fourth year. My expected year of graduation is fall 2024.
- High school graduate from Jordan High School, 6500 Atlantic Ave, Long Beach, CA 90805

Skills

- Experienced in customer service & complaint handling
- Reliable
- Bilingual: fluent English and Spanish
- Fast learner, neat and organized

Work Experience

Picker

October 2020 - January 2021

Fashion Nova Factory, 12589 Lakeland Rd, Santa Fe Springs, CA 90670

- Checked picked orders, selected proper box size, packed, and prepared for shipping
- Responsible for ensuring the proper rotation of stock; conducted stock room maintenance
- Help team members maintain a clean, organized warehouse

Crew member / Supervisor

October 2019 - October 2020

Jersey Mike's Subs, 12430 Seal Beach Blvd, Seal Beach, CA 90740

- Handling and exchanging money
- Maintaining a fast speed of service
- Training new employees in daily tasks and customer service

Crew Member

March 2018 - August 2018

Waba Grill, 6191 Atlantic Ave, Long Beach, CA 90805

- Handling and exchanging money
- Answer customer inquiries
- Flexible and also work as cook too when it would get too busy

References

- **Christian Scandrick, Manager (562) 665-0903**
- **Chad Guiliante, Supervisor (404)802-6178**

Robert Carey

Address: 4550 Valley West BLVD

Arcata, CA 95521

Phone: 707-295-9080

Email: rlc99@humboldt.edu

Education

- B.S. Environmental Resources Engineering, Humboldt State University 2017- Present
 - Pertinent coursework:
 - Introduction to Environmental Resources Engineering,
 - Introduction to Design
 - Engineering Mechanics Statics
 - **Computational Methods (Programming)**
 - Introduction to Water Quality
 - Hydrology
 - Engineering Nature Treatment Systems
 - Solid Waste Management
 - Transport phenomena
 - Engineering Materials
 - Origins & Classification (Soils)
 - Probability and Statistics
 - Pertinent skills acquired:
 - ! AutoCAD
 - ! Microsoft Suite
 - ! Linux Operating Systems
 - ! Water Quality Parameter Testing (pH, electrical conductivity, turbidity)
 - ! Programming in Fortran
 - ! Sci-Lab
 - ! PCSWMM
 - GPA: 3.3

Experience

- Production Technician Reynolds Systems Inc (Summer Internship) June 2017- August 2018
 - Tasks performed:
 - ! Trained to manufacture in an assembly line
 - ! Trained in quality control
- Student Assistant California Department of Transportation (Caltrans) October 2019- September 14th
 - Tasks performed
 - Civil 3D and MicroStation
 - Helped to run trainings for Microsoft Teams
 - Support Design teams and IT with technologic background
- Junior Engineering Technician. California Department of Transportation (Caltrans) September 15th, 2021- Current
 - Tasks performed
 - Same as above along with:
 - Aerial mapping
 - Reviewing Safety projects
 - Note taking for PDT meetings

Michaela Chen

Los Angeles, CA 90045 | mchen33@lion.lmu.edu | (916) 661-8960 | [linkedin.com/in/michaela-chen-4a2844195/](https://www.linkedin.com/in/michaela-chen-4a2844195/)

EDUCATION

Loyola Marymount University (LMU)

Los Angeles, CA

Bachelor of Science, Civil Engineering Major, Asian and Pacific Studies Minor

August 2019 - May 2023

- Cumulative GPA: 3.83
- Dean's List
- LMU Arrupe Scholarship
- Los Angeles County Sanitation District Engineering Scholarship

Relevant Coursework: Engineering Analysis, Statics, Ordinary Differential Equations, Environmental Engineering, Thermal-Fluid Systems, Mechanics of Materials, Particle Dynamics

Relevant Coursework in Progress: Surveying and Mapping, Structural Analysis and Design, Fluid Mechanics

TECHNICAL EXPERIENCE & PROJECTS

Burne Engineering

Sacramento, CA

Structural Engineering Intern

June 2021 - August 2021

- Assisted with vertical and lateral timber design for residential buildings and decks
- Performed basic wind and seismic design calculations to determine which one governed the structure
- Assessed dead loads and wall line forces for shear walls

2021 ASCE PSWC Student Timber Design Build Competition

Los Angeles, CA

Architectural Team, Budget Team, & Environmental Team

January 2021 - March 2021

- Delivered a structural plan with specific dimensions of a two-story structure
- Analyzed material specifications and costs and quantified the overall financial estimate of the project
- Quantified the environmental impact and carbon footprint of the project material usage

Tower Yearbook

Los Angeles, CA

Design Director

September 2019 - Present

- Create spreads with the Adobe Suite under the Tower Yearbook, a publication awarded the 2019 Columbia Scholastic Press Association Silver Crown & 2018 Associated Collegiate Press Pacemaker Award
- Coordinate with creative director and designers to manage and create content

ACADEMIC PROJECTS

Bird Nest Traverse Project

Los Angeles, CA

Surveying & Mapping (CIVL 210) at LMU

September 2021 - Present

- Plan and execute a measurement of the Bird's Nest traverse around LMU
- Measure elevations at control points with Total Station SX10 surveying technology
- Collaborate with team members to identify the foresight and backsight of each control point

Overall Building Design Project

Los Angeles, CA

Structural Analysis & Design (CIVL 305) at LMU

August 2021 - October 2021

- Designed a model of a two-story building in Fairbanks, Alaska on SketchUp
- Calculated design loads for dead, live, roof live, rain, snow and wind with ASCE 7-16 and Applied Technology Council

CURRENT EXTRACURRICULARS

American Society of Civil Engineers, Treasurer
Society of Women Engineers

The Council for Industry Partnerships Mentorship Program
Han Tao Chinese-American Student Association

SKILLS

AutoCAD (intermediate level)

Google Drive, Microsoft Box, Dropbox

MATLAB (intermediate level)

Conversational in Mandarin

Codes: ASCE 7-16, ATC

Adobe Illustrator, Indesign, and Lightroom

Microsoft Office: Excel, PowerPoint, Word

Lily Cohen

Arcata, CA | (415) 226-8185 | estar400@gmail.com

Education

Humboldt State University, Environmental Engineering Major, Cumulative GPA: 3.7
Expected Graduation Date: December 2023

Y.E.S. Environmental Education Program | Humboldt State Honor Society | Team Lead at 350 Bay Area

Completed Courses: Physic Series, Organic Chemistry, Differential Equations, Calculus Series, Public Speaking, Computational Methods, Dynamics

Previous Institutions: College of Marin, Engineering Major, GPA: 3.6
Transfer Date: June 2021

Redwood High School, GPA: 3.6 Graduated June 2016

AP Courses: Environmental Science, European History, Calculus, Economics | Honors Essay Exposition

Work Experience

- Assistant Project Manager , TSF Group, April 2019-Now
 - Contacts contractors for multi-faceted projects including Solar, Hot Water systems, and structural engineering
 - Researches extensively on the most current sustainable technologies and data to maintain high project standards.
 - Website development and community outreach for local climate action group of Marin, Green Change.
- Engineering Intern, Sunpower Corp., January 2019-March 2019
 - Ensures contractor project forms are correctly completed to company standards.
 - Creates flowcharts of solar panelling to the main electrical grid to simplify the interconnection process for both customers and company associates.
 - Solar installation to low income homes. ○ Providing solar education for school outreach programs.
- Research Intern, UC Berkeley-Energy Efficient Electronic Science, June-August 2018
 - Engaged in the Transfer to Excellent-Research Experience for Undergraduates Environmental Engineering Research, highly competitive program funded by National Science Foundation.

- Collaborated in a study of the effects of seagrass on wave hydrodynamics, an essential aspect of ocean diversity and protecting the shoreline environment.
- Presented findings to peers and other academicians at Berkeley, including written research documents and a poster.
- Crew member, Trader Joe's, Larkspur, CA, September 2014-March 2019
 - Provides excellent customer service to all guests at the Larkspur location.
 - Proficient in internal software systems to order product, conduct sales, track stock.
- Intern, Marin Municipal Water District, Fairfax, CA, Summer 2016
 - Established program sign installation for trails.
- LINC Member, One Tam, Summer 2015
 - Participated in restoration work and trail maintenance on Mt Tamalpais.

Volunteer Experience

- Youth Educational Services-Environmental Education Program Volunteer, Arcata, CA, Sept. 2021-Now
 - Create education lesson packets for students 1st-8th grade to learn about the environment around them
- 350 Bay Area Team Lead, Novato, CA, April 2020-Now
 - Assist with climate action events in the Bay Area community
 - Started the No New Gas campaign to stop new gas stations (NoNewGas.com)
 - Support other youth activists in accomplishing their goals for climate

References

Justin Funk, Manager at Trader Joe's

Phone Number: (707) 889-3415

Nik Evasco (they/them), 350 Bay Area Staff and Youth Mobilizing Team Coordinator

Email: nik350bayarea@gmail.com

Suzanne Whelan, Director of Volunteers at Marin Municipal Water District

Email: swhelan@marinwater.org

Renee Solari, Senior Project Manager at Sunpower

Email: Renee.Solari@sunpowercorp.com

Reed Crane, EIT



1781 Chanterelle Drive, Apt A. McKinleyville, CA. 530-356-4890. reedcrane@gmail.com

Education

Humboldt State University – 4.0 GPA

Degree: Environmental Resources Engineering, BS

January 2019 – December 2021

Expected Graduation Date: December 2021

Relevant Courses:

Building Energy Analysis
Water Quality
Introduction to Design

Engineered Natural Treatment Systems
Fluid Mechanics
Mechanics of Materials

Groundwater Hydrology
Hydrology I
Transport Phenomenon

University of California, Davis – 3.44 GPA

Degree: Environmental Science and Management, BS

September 2010 – March 2014

Emphasis in Ecology and Biodiversity

Relevant Courses

Environmental Impact Assessment
Global Climate Change

Introduction to GIS
Water Resource Management

Environmental Policy
Public Lands Management

Work Experience

National Pollutant Discharge Elimination System Coordinator- Caltrans

July 2021- Current

- Analyzed engineering plans to determine potential project impacts to water quality.
- Used ArcGIS and Google Earth to assess potential for project water quality impacts and create maps to support determinations.
- Made recommendations to design engineers to ensure compliance with stormwater and water quality permits.
- Drafted and submitted 401 Certification applications to North Coast Regional Water Quality Control Board.

Environmental Planner-Biologist- Caltrans

January 2018 - Current

- Analyzed engineering plans to determine potential project impacts to biological resources.
- Coordinated with project engineers to avoid, minimize, and/or mitigate impacts to biological resources.
- Planned and led field surveys to gather biological data necessary to facilitate environmental clearance.
- Prepared and reviewed Natural Environment Studies (NES) including detailed descriptions and mapping of sensitive biological resources.
- Prepared and reviewed permit application packages including RWQCB 401 permit, CDFW 1602 permit, and USACE 404 permit.
- Worked on a wide variety of complex transportation projects throughout Northern California.

Field Biologist- Quercus Consultants

August 2017 - December 2017

- Conducted common stand exams on the Plumas National Forest and Shasta-Trinity National Forest.
- Worked long hours in remote conditions to meet sensitive project deadlines.
- Identified plant and shrub species for coverage estimates.
- Acted as construction monitor for sensitive resources including wetlands, amphibians, and vernal pools.

Cedar City Interagency Hotshot Crew- US Forest Service

May 2015-October 2016

- Constructed fireline on active wildfires in forests throughout the United States.
- Led groups on tactical assignments. Briefed crew members on strategies, tactics, and hazards.
- Maintained strong work ethic in a physically and psychologically demanding work environment.

Personal Interests

- Active mountain biker, race mountain bikes competitively and volunteer time building and maintaining local trails.
- Avid backpacker and fly fisher; experienced in high mountain and coastal wildernesses throughout California.

John Dillard

CIVIL ENGINEERING STUDENT

PERSONAL PROFILE

I AM A CIVIL ENGINEERING STUDENT AT CAÑADA COLLEGE AND I AM WORKING TOWARD AN ASSOCIATE IN SCIENCE DEGREE. MY EDUCATIONAL BACKGROUND IS IN STATICS, PHYSICS, AND ENVIRONMENTAL SCIENCE. MY GOAL IS TO ONE DAY TRANSFER TO SAN JOSE STATE UNIVERSITY TO EARN A BACHELOR OF SCIENCE IN CIVIL ENGINEERING

CORE SKILLS

- Mathematical Skills
- Problem Solving
- Leadership Skills
- Organizational Skills
- Technical Training

REACH ME AT:

Mobile: 510 992 9166
Email: johndillar1@my.smccd.edu
www.linkedin.com/in/johndillardcivil

PROFESSIONAL CAREER

Storekeeper

United Airlines | 2019-present

- Shipping, Receiving and other warehousing and distribution work.
- HAZMAT qualification

Ramp Agent

Southwest Airlines | 2017-2019

- Operation of equipment to unload and load baggage onto aircraft
- Complete tasks to keep the aircraft on-time and in the skies

ACADEMIC HIGHLIGHTS

Cañada College

AA in Civil Engineering | Expected Transfer Fall 2022

- Dean's Lister
- Treasurer, Brothers Empowering Brothers

PROFESSIONAL DEVELOPMENT

- Water Treatment Plant Operation Certificate: In Progress
- Fall 2021 Job Shadow Program: In Progress

INTERESTS AND HOBBIES

- Violin
- Traveling
- Volunteering (First-Flush San Mateo Resource Conservation District)



Edgar Ennis, EIT, SM ASCE

(310) 850-2596

ennisaedgar@gmail.com

[Edgar's LinkedIn](#)



OBJECTIVE

To utilize my communication, analytical, and problem-solving skills as an intern or entry-level professional to perform technical and professional duties.

Technical Skills

- Microsoft Suite
- Google Suite
- AutoCAD Civil 3D 2019
- MicroStation
- Synchro 10
- VISSIM

Certification

Engineer-In-Training

- Civil Engineering
- License #174946

Leadership

Institute of Transportation Engineers - Cal Poly Pomona

- President 21'-22'
- Student Mentor 21'-22'
- Vice President 20'-21'
- Events Chair 19'-20'

Education

California State Polytechnic University, Pomona

May 2022

- Bachelor of Science, Civil Engineering, GPA: 3.69

Experience

Kimley-Horn, Civil Intern, Los Angeles, CA

May 2021 - August 2021

- Prepared traffic signal warrant memorandum by utilizing the CA MUTCD and ADT
- Conducted travel time runs and PS&E field reviews for RTSSP projects
- Utilized AutoCAD Civil 3D 2018 for base mapping of proposed traffic signal plans
- Completed field inspections to verify as-built traffic sign plans
- Collaborated with team to complete 100% striping plans submittal

Cal Poly Pomona, Orientation Assistant, Pomona, CA

June 2020 - August 2020

- Assisted over 400 new civil and construction students with registering for courses
- Supported civil faculty and advisers with virtual orientation presentations

LADWP, Student Engineer, Los Angeles, CA

May 2020 - August 2020

- Accepted internship offer, but canceled due to COVID-19

Projects

I-10 Freeway Project, Senior Design Project

August 2021 - Present

- Researched feasible interchange alternatives to improve LOS
- Collected geometric design parameters and ADA standards through Caltrans' HDM and Standard Plans
- Drafted existing horizontal alignment for corridor and ramps through MicroStation

Sustainability Project, ASCE Pacific Southwest Conference

March 2021

- Researched current energy emissions for commuters traveling to UCLA's Pauley Pavilion
- Utilized commuter mode split and CO2 emissions to develop equations in Excel for energy emissions
- Provided metrics and proposed alternatives to help achieve UCLA's 2050 Carbon Neutrality Goal

Transportation Design Project, ASCE Pacific Southwest Conference

March 2021

- Researched trip generation and trip distribution data for LAX-it's arrival pick-up station
- Provided supporting documents to aid with forecasting passenger growth for TNC market share
- Assisted with technical report and review phases through Google Suite

Transportation Design Project, ASCE Pacific Southwest Conference

April 2020

- Collaborated with team to establish an engineering consulting firm
- Fabricated an award-winning project proposal that addressed public safety concerns
- Created a project description and approach that met all aspects of the scope of work

Joseph J. Faria–Poynter

Location: Irvine, California

Cell: +1 (510) 289-9185

Email: jfariapo@uci.edu

LinkedIn: linkedin.com/in/j-faria-poynter

Experience

April 2021 – Present

Construction Engineering Captain – UCI Timber Design

- Oversaw the construction of our two-story timber building
- Planned and led ASCE construction workshops for interested first- and second-year engineering students

May 2021 – Present

Construction Engineering Captain – Steel Bridge at UCI

- Oversaw the construction of our 1:10 scale bridge designed for wildlife crossing over Interstate 90
- Guided construction sequencing and purchased building materials

January 2021 – Present

Traffic Engineering Lead – UCI Transportation Project Team

- Conducted traffic analyses and transportation simulations
- Planned the construction sequence for our project
- Guided our team to 3rd place overall in the 2021 PSWC Transportation Design Competition

June 2019 – September 2019

Industrial Engineering Intern – Penumbra Inc.

- Implemented a more efficient Kanban system for manufacturing lines (decreasing waste by over \$378,000)
- Optimized existing production guidelines and processes
- Designed layout expansions to increase productivity and space efficiency in the manufacturing area

Education

2019 – 2023

B.S. in Civil Engineering Specialization in Transportation Minor in Business Management

University of California, Irvine

Technical Experience

- **AutoCAD:** Certified Associate User
- **MATLAB:** LinkedIn Skill Badge
- **Microsoft Excel, PowerPoint, and Word:** LinkedIn Skill Badges
- **Solidworks**
- **SketchUp**
- **Revit**
- **ArcGIS**

Activities

- Member, *American Society of Civil Engineers* (2020 – Present)
- Infrastructure Engineer, *Engineers for Armenia* (2019 – 2021)
- Member, *National Honors Society* (2015 – 2019)

Sara Mohammadi Gerani

CONTACT



+1 (626) 223 3174



saragerani95@gmail.com



Pasadena, CA

EDUCATION

Master's in Civil engineering
California State University, Los Angeles, 2019 - Present
GPA: 3.38

Master's in environmental engineering Air pollution
University of Tehran, 2017-2019
GPA: 14.70/20.00

Bachelor's in Civil Engineering
Sharif University of Technology, Tehran, 2013-2017
GPA: 15.43/20.00 = 3.19/4.0

Interest

- Reading
- Politics & History
- Playing Piano
- Learning Economics
- Work on Stock Market

Conference Experience, Award & Achievements

- 2020 CMACN academic scholarship for the study of concrete masonry in the field of engineering
- Urban Sustainability Symposium, California State University, Los Angeles, USA, 19th Nov 2020
- Urban Sustainability Symposium, California State University, Los Angeles, USA, Nov 28th, 2019

PROFILE

Civil Engineering Student in California State University, Los Angeles, with a year of work experience in the SIM LAB (concrete lab). Aiming to leverage a proven knowledge of field performance, research capabilities, experimental design, and project planning skills.

PROFESSIONAL EXPERIENCE

1. Graduate Research Student

CALIFORNIA STATE UNIVERSITY, SIM-LAB | Los Angeles, CA | Dec 2019 - Present

- Working on 3D concrete printing project
- Working with Finite Element Analysis software
- Working on mixture development and 3D concrete printing properties

2. Intern- Civil Engineering

BARANA Building Workshop | Tehran, Iran | July 2017 – July 2019

- Supervising workers engaged in inspection to ensure high productivity and high technical integrity.
- Developing and analyzing statistical data
- Providing, and overseeing, inspection activity.
- Maintaining an active role on internal continuous improvement teams.

3. Deputy and Representative of the principal in internal affairs

Sara Educational Complex | Tehran, Iran | August 2013- July 2019

- Supervising Educational Groups
- Supervising Financial Affairs
- Supervising Student Educational Consultation Affairs

Skills

- Language: Persian, English
- Technical skills: Word, Excel, Power Point, R, Rhino, Flow 3D, ENERCALC, Risa (Floor, foundation, 3D), AutoCAD
- Research Analysis
- Project Management
- Team- Work Skills
- Decision making abilities
- Time Management

Jacob Hamada

503-784-9044 • jacobhamada3@gmail.com • linkedin.com/in/jacob-hamada

Objective

Passionate fourth year civil engineering student seeking opportunities in transportation.

Education

California Polytechnic State University
Bachelor of Science in **Civil Engineering**
Overall GPA: **3.58**

San Luis Obispo, CA
Expected Graduation: **June 2022**

Completed Coursework by June 2022: Transportation Safety | Modeling and Simulation in Transportation | Sustainable Mobility | Intelligent Transportation Systems | Traffic Engineering | Railway Engineering | Fundamentals of Transportation Engineering | Computer Aided Drafting in CE

Transportation Experience

Kimley-Horn

Transportation Planning/Traffic Operations Intern

June 2021 – Sep. 2021

- Performed Traffic Impact Analysis (TIA) using Vistro software
- Produced TIA reports by comparing traffic at existing conditions to future scenarios
- Designed Traffic Control plans, Street Lighting plans, and Signing & Striping plans

Cal Poly Civil Engineering Department

Transportation Research Assistant

June 2020 – Sep. 2020

- Identified 200 potential Advisory Bike Lanes (ABLs) in Australia for future safety analysis
- Collected crash and traffic count data for existing ABLs and comparison sites in the US
- Compared collision rates and evaluated the safety effects that ABLs provide all road users

Cal Poly Transportation Competition Team

Traffic Analysis Lead

Jan. 2020 – Mar. 2020

- Evaluated traffic patterns and earned second place in the Pacific Southwest Conference
- Analyzed 2 intersections and 8 driveways in Synchro using existing lane geometrics
- Proposed traffic signal modifications at one intersection to reduce collisions

Cal Poly Civil Engineering Involvement

Institute of Transportation Engineers

President

May 2021 – Present

Alumni Coordinator

May 2020 – May 2021

Alumni Night Planner

Dec. 2019 – Jan. 2020

Chi Epsilon: National Civil Engineering Honor Society

President

Mar. 2020 – Mar. 2021

Pledge Class President

Jan. 2020 – Mar. 2020

American Society of Civil Engineers

Publicity Director

May 2021 – Present

Conference Coordinator

May 2020 – May 2021

Sports Director

May 2019 – May 2020

Mentee Relations

Nov. 2018 – May 2019

Technical Skills

Vistro | Synchro | SimTraffic | AutoCAD | Civil 3D | Microsoft Office | Excel VBA | Bluebeam | SketchUp

KEN DER

Project Engineer

✉ kder2@stanford.edu

☎ (510) 213-2107

📍 Alameda, CA 94501

HIGHLIGHTS

Knowledgeable of Bay Area transportation and geography

Effective communicator in speech and presentations

Multilingual: Cantonese, Mandarin, Spanish (limited)

SOFTWARE SKILLS

ArcGIS, QGIS

Autodesk: AutoCAD/
Civil 3D, Revit, InfraWorks

Adobe Photoshop, Illustrator

Sketchup

Microsoft Office

AWARDS & RECOGNITION

City of Alameda
Community Service Award

California Teachers
Association
Youth Activist Award

OBJECTIVE

Driven and passionate aspiring civil engineer and planner looking to continue working on transportation, roadway, mixed-use development, and other local engineering projects

EDUCATION

STANFORD UNIVERSITY, 2018-2022

M.S. – *Civil & Environmental Engineering, Sustainable Design & Construction*

B.S. – *Civil Engineering, Structures and Construction*

- GPA: 3.76
- Activities: KZSU 90.1FM Stanford radio (News Director), The Stanford Daily (photographer), Stanford ASCE
- Relevant Coursework: Managing Sustainable Building Projects (IPD), Mechanics of Materials/Fluids, Legal/Ethical Principles in Design & Construction, Infrastructure Project Development/Delivery, Building Systems Design & Analysis, Structural Analysis/Design/Project, Introduction to Urban Design/Studio, Sustainable Cities

COLLEGE OF ALAMEDA, 2015-2018 (concurrent HS enrollment)

A.S. – *Mathematics*

A.A. – *Liberal Arts, Emphasis in Natural Sciences*

- Salutatorian, Class of 2018, 4.0 GPA

WORK EXPERIENCE

BKF ENGINEERS | Engineer Assistant, Transportation

June 2021–September 2021

- Work closely with project engineers to edit and develop plans, exhibits, reports, proposals, estimates, and submittals for local bike/ped bridge, roadway/highway, and master planning projects
- Utilize Civil 3D to prepare sheets for submittal, develop wetlands permit impact and drainage mapping, variance report concept plans for UPRR crossings, and topographical and survey requests
- Research and apply (Caltrans) design standards to projects, including curb design, LOS, encroachment permits, etc.

SEAMLESS BAY AREA | Student Volunteer

September 2019–July 2020

- Report on opinions and safety concerns of COVID-19 pandemic transit riders for a blog post based on SBA's rider forums
- Plan for topics and public engagement for SBA's upcoming forum
- Engage in a student team project analyzing Caltrain and SamTrans accessibility to MTC Communities of Concern along the Peninsula

CITY OF HAYWARD PUBLIC WORKS | Intern

June 2017–August 2017

- Assisted and shadowed city engineers in daily planning activities
- Completed various city projects, including identifying ADA compliance status of over 2500 sidewalk curb ramps, indicating sidewalks and ramps to be repaired, and mapping out the City of Hayward's bicycle network using ArcGIS

James Huang

New York, NY | 212-380-7878 | jhhuang@usc.edu



Education

University of Southern California

Los Angeles, CA

BS in Industrial Engineering, Prospective MS in Transportation Engineering

May 2023

- GPA: 3.89/4.00
- Honors: Deans' List, Presidential Merit Scholarship, Joan Gardner National Merit Scholarship, University Transportation Center Student of the Year Nominee, Railway Association Scholarship recipient.

Work Experience

Business Intelligence/Supply Chain Intern, *Bloomberg LP*

June 2021- Aug 2021

- Optimized interactive data dashboards for company-wide business practices for 20,000+ employee organization.
- Improved Supply Chain/Transportation Logistics by analyzing two years of logistics data and utilizing Python, SQL, and QlikSense to create a computer model that predicts future inventory and cost flows.
- Collaborated to fulfill critical business objectives in an Agile setting.

Innovative Mobility Intern, *CALSTART*

Feb 2021-May 2021

- Analyzed vehicle fleets to forecast EV adoption and infrastructure needs.
- Generated cutting-edge curb space management policy that impacted logistics' companies presence in cities.
- Collaborated with industry leaders, such as Via, Circuit, and FedEx to deploy innovative solutions to last-mile mobility.

Database and Data Analysis Assistant, *Southern CA Earthquake Center*

Feb 2020-Present

- Implemented HTML and CSS accessibility improvements that improved usability for 1 million+ website users.
- Conducted data analysis to pinpoint regions to improve outreach for future ShakeOut events.
- Streamlined database maintenance and data integrity processes for future Earthquake Center events.

Research Experience

Research Assistant, *USC Price School of Public Policy, Prof. Marlon Boarnet*

Sep 2020-Jun 2021

- Pioneered bike-share siting matrix based on statistical regression analysis of existing systems via Python and Excel to better inform bike station placement throughout Southeast LA.
- Forecasted bike-share program impacts on transit access in a multicity region, and elaborated on potential policy ramifications for LA residents.

Independent Research Fellow, *Port Authority of NY*

Jul 2020-Aug 2020

- Created new metric to measure mobility relative to income and inform transit decisions.
- Proposed a high-tech semi-autonomous solution to solve the last-mile problem for Queens' transit.

Leadership and Involvement

Vice President, *Institute of Transportation Engineers (ITE)*

Aug 2020-Present

- Led three award-winning projects that laid out building blocks for constructing sustainable mobility networks.
- Wrote project reports and presentations to engage and inform a wide audience of industry professionals.
- Established outreach with engaging graphics through new website and social media.

Public Relations and Communications Lead, *USC Triathlon Club*

Apr 2020-Present

- Managed social media outreach on Instagram and website interface to a network of alumni and members.
- Revived relational database and front-end interface for triathlon club members to sign up for workouts with COVID protocols in mind.

Skills

- Data Analysis: SQL, Python, Tableau, FileMaker, MS Office, Firebase Database, QlikSense.
- Transportation modeling: Remix, AutoCAD/Blender, Mapbox/MapboxJS, QGIS/ARCGIS, PostGIS.
- Other skills: Professional working proficiency in Spanish, Limited working proficiency in Chinese, Adobe Premiere, Adobe Photoshop, Google Analytics, Canva, Scrum/Agile Certification, Bloomberg Market Concepts Certification

Estefn Ibrahim

estefnibrahim@gmail.com • Riverside CA • (951) 454-5438

<http://linkedin.com/in/steven-ibrahim/>

EDUCATION:

California Baptist University (Riverside, CA)

- Bachelor of Science in Civil Engineering

Expected Graduation: June 2022

Riverside Community College (Riverside, CA)

- Associate of Science

Graduated: December 2018

SKILLS:

- AutoCAD
- Inventor 3D design
- Microsoft office
- C++
- MATlab
- Coreldraw
- Bilingual- English and Arabic

ENGINEERING EXPERIENCE:

Steel Bridge Competition

January 2021 - May 2021

- Lead a team to facilitate a design for the project.
- Discussed multiple design approaches, understood the limitations of each design and proceeded with the best feasible design based on the critical analysis that was conducted.
- Calculated bridge's weight and load to understand the structural integrity of the design.

EXPERIENCE:

Verizon (Costa Mesa, CA) – *Sales representative*

July 2020 – August 2021

- Achieved personal sales goals as set by Store Manager and monthly commission plan.
- Actively listened to customers and provided them with solutions that were satisfactory and met their standards.
- Built genuine customer relationships by earning their loyalty and trust.
- Explored and understand the customers' needs and exceed their expectations.

T- Shirt Time (Riverside, CA) — *Manager*

January 2017 – February 2020

- Provided assistance in the hiring process.
- Directed new hires with equipment and multiple software.
- Supervised 5 employees in providing excellent customer service.

T-Shirt TEEZ (Topanga, CA), Calicustom (Arcadia, CA) — *Owner*

June 2017 – October 2019

- Tracked income for three purchases and inventory.
- Interviewed and hired more than five candidates for the company.
- Overviewed manager's scheduling of employees to avoid conflicts in times.
- Audited transactions exceptionally.

VOLUNTEER EXPERIENCE:

LA Auto Show- Presenting Cal Baptist SAE formula car

December 2017

- Introducing the SAE car for the visitors.
- Discussed key differences between the school's car and other institutes.
- Presented the different technologies and methodologies that were used to design and assemble the car.

Haroutiun Kglyan

Fresno, CA | 559-367-5103 | hakglyan@mail.fresnostate.edu

Objective

Providing the California Transportation Foundation's Education Symposium with my resume.

Education

California State University, Fresno

B.S., Civil Engineering, 3.67 GPA, Expected December 2022

Dean's List: Fall 2019, Spring 2021

President's List: Spring 2020, Fall 2020

Tau Beta Pi Honors Society Membership

Related Coursework

Introduction to Civil Engineering, Statics, Computer Aided Mapping, Engineering Surveying, Computer Applications in Civil Engineering, Mechanics of Materials, Hydraulics, Transportation Planning, Soil Engineering, Theory of Structures, and Dynamics

Projects

Concrete Beam Design

- Managed a five-man group
- Designed, built and tested strength of a 4" x 4" x 40" reinforced concrete beam

Society of Automotive Engineering Baja Club

- Designed shift stick using SolidWorks for Bulldog Racing Team

Experience

Teacher's Aide, St. Paul Armenian Church Saturday Armenian School, Fresno, CA (09/2017 – 03/2020, 09/2021 – Present)

- Teach K-12 grade children Armenian language and history

Assistant, San Joaquin Catering, Fresno, CA (01/2015 – Present)

- Take inventory, order, and stock supplies
- Keep track of expenses and complete paperwork for record keeping purposes

Assistant Woodworker, Valley Woodworking, Fresno, CA (04/2014–Present)

- Perform various woodworking tasks including sanding and painting cabinets

Teacher's Aide, Vinland Elementary School, Fresno, CA (06/2019 – 07/2019)

- Assisted 1st – 3rd grade students with class assignments

Chess Club Tutor, Charlie Keyan Armenian Community School, Fresno, CA (03/2018 – 05/2018)

- Taught elementary school children how to play chess
- Led team to victory

Teacher's Aide, Lyles College of Engineering, Fresno, CA (01/2021 – 05/2021, 08/2021 – Present)

- Graded students' work
- Answer students' questions and concerns

Leadership Experience

Camp Royal Rotary Youth Leadership Conference, Hayfork, CA (07/2019 – 08/2019)

UC Santa Barbara CADA Leadership Program (06/2018 – 07/2018, 05/2019)

- Learned how to organize school government and events
- Taught middle-school aged children organization and event planning

Technical Skills

- Software: AutoCAD, SolidWorks, MATLAB, M/S Word, M/S PowerPoint, M/S Excel

David Kim, EIT, ENV SP

Phone: (714) 463-5820 | Email: davidkkim15@gmail.com

EDUCATION

California State Polytechnic University, Pomona

Major: Civil Engineering, Emphasis in Environmental

GPA: 3.53

- President's Honor List 2020-2021

Graduation Date: May 2022

EXPERIENCE

City of Santa Ana, Traffic Engineering Intern

February 2021 - Present

- Drafted traffic signal modification and installation plans using Bentley Microstation
- Performed field inspections to ensure integrity and accuracy of contractors' work
- Adjusted signal timings for traffic signal coordination and construction delays
- Conducted a collision study and recommended solutions for an intersection with a high rate of near-accidents
- Investigated public complaints for traffic signal timing issues and broken equipment
- Worked with Traffic Management Center softwares: Econolite Centracs and Milestone XProtect
- Coded Etherwan network switches to establish communication between intersections and the TMC
- Deployed switches into 332L traffic cabinets in the field

Hong and Kim Education, Inc., Tutor

Summer 2017 - March 2020

- Assisted K-6 kids with homework and taught concepts of math and science
- Leader of S.T.E.M. program that focuses on kids gaining exposure to science and technology

Computer Hardware, Builder

June 2014 - Present

- Extensive knowledge in building 30+ computers
- Built custom computers catered to specific needs of clients
- Pieced together 2nd-hand components to assemble 14 computers for the used market

SKILLS

- Microsoft Office Suite
- Bentley Microstation & Inroads
- Synchro 10 - Time-Space Diagrams
- Econolite Centracs
- 3D Modeling with Autodesk Inventor
- Bluebeam Revu

PROJECTS

ASCE PSWC 2021 Transportation Design Project, Project Manager

Spring 2021

- Managed a team of eight for ASCE's 2021 PSWC Transportation Design Project
- Conducted extensive research and forecasted vehicular volumes and trip generation for current and post-pandemic conditions
- Created a winning proposal and redesign of LAX's Landside traffic congestion

ITE Western District 2021 Data Collection Fund, Project Manager

Fall 2020 - Fall 2021

- Submitted a winning proposal and managed a team of seven
- Coordinated with Cal Poly Pomona and ITE for safe field visits under COVID-19 restrictions

ASCE PSWC 2020 Transportation Design Project

Spring 2020

- Collaborated with a team to fabricate an award winning project proposal for the City of Anaheim
- Proposed a plan to reduce vehicle side-swipes by implementing raised medians

ORGANIZATIONS

- Institute of Transportation Engineers, *Treasurer / Project Manager / Student Member*
- Women's Transportation Seminar, *External Vice President*
- ASCE, *Student Member*

RELATED COURSEWORK

- Transportation Engineering
- Construction Engineering
- Surveying Engineering
- Environmental Engineering
- Engineering Geology
- Water Resources Engineering

ALYSSA LABRADOR

San Luis Obispo, CA 93401
labrador@calpoly.edu
(858) 688-4617

SKILLS

Computer:

AutoCAD
Microsoft Suite

LINKEDIN



EDUCATION

California Polytechnic State University, San Luis Obispo

B.S. in **Civil Engineering** | Sep. 2019 - Jun. 2023

- Class Level: Junior Academic Standing
- Dean's List: Fall Quarter 2020, Spring Quarter 2021
- **Relevant Coursework:**
 - Programming Applications in Engineering
 - Engineering Surveying
 - Technical Writing for Engineers
 - Computer Aided Drafting in Civil Engineering

EXPERIENCE

California Polytechnic State University, San Luis Obispo

Transportation Research | May 2021 - Present

- Developed survey instruments for micro-mobility systems
- Collected traffic count data using pneumatic pressure tubes

ACTIVITIES

- Chi Epsilon (XE) Jan. 2021 - Present
 - **Secretary**
 - Institute of Transportation Engineers Jan. 2021 - Present
 - **Professional Coordinator**
 - American Society of Civil Engineers Sep. 2019 - Present
 - Pilipino Cultural Exchange Sep. 2019 - Present
-

Alyssa Lam

P: (626) 695-9671 | E: alyssaelam2@gmail.com
1820 S Monterey St Alhambra CA, 91801

Education

California Polytechnic University, Pomona

Fall 2018 – current

Civil Engineering, B.S.

- Anticipated graduation date: Spring 2022
- GPA: 3.7; Dean's List 2019-2021

Relevant Coursework (*currently enrolled in)

- Technical Comm.
- Statistics in Engineering
- Engineering Materials
- Traffic Engineering*
- Fluid Mechanics
- Structural Engineering
- Construction Engineering
- Design of Transportation Facilities*
- Transportation Engineering
- Geotechnical Engineering
- Water Resources
- Ethical Concepts in Tech & App Sci*

Experience

Roadway Engineering Intern

May 2021 – August 2021

Kimley-Horn Associates, Los Angeles, California

- Created informational exhibits using AutoCAD to display concepts for clients
- Composed demolition plans with detailed hatches to get accurate removal volumes
- Documented and kept track of underground and overground utilities from as-built for areas within project sites
- Prepared project guides organizing information including project scope, contacts, design criteria, schedule...

Engineering Intern

January 2020 – September 2020

El Dorado National Ca, Jurupa Valley, California

- Designed and documented a detailed mount by utilizing Inventor Pro for a charging system on an electric bus prototype
- Provided a timely and efficient solution for a safety hazard by designing a terminal block cover
- Completed quality control of framework by collaborating with production line workers and engineers
- Traveled to multiple locations in LA County to troubleshoot LACMTA buses

Teacher's Assistant/ Tutor

September 2018 – October 2019

Kumon Learning Center, Alhambra, California

- Individualized teaching styles according to the strengths and needs of students ages from 4-15 years old
- Coordinated with co-workers to help manage and organize student coursework and progress

Leadership/ Organizations

Cal Poly Pomona Steel Bridge

August 2019 - current

Logistics Captain, 2021-2022

- Oversee the logistic positions in the team by delegating tasks and tracking progress
- Ensure that every member of the team is in a position where they are able to grow technically throughout the year

Aesthetics Captain, 2020-2021

- Responsible for leading team to compose a 10-minute informative and concise video overview to highlight design features, analysis, and critical construction path to a client for the 2021 Steel Bridge Supplemental Competition
- Innovated distribution methods of merchandise due to Covid-19 restrictions

Institute of Transportation Engineers

August 2020 - current

Vice President, 2021-2022

- Organize and schedule events/ guest speakers for general meetings for the school year
- Host internal events for officers to discuss ways to improve the student chapter

Co-Project Manager, 2020-2021

- Managed a team of 6 members by scheduling and assigning tasks to write a congestion reduction proposal
- Performed extensive research to generate and predict trip generation and distribution data for a proposed land use around the LAX and LAX-it area
- Composed a proposal with the team for the 2021 Data Collection Fund Project requested by Western ITE

Skills

- AutoCAD
- Inventor Pro
- Microsoft Office
- Topographic Mapping

Joan Lee

(562) 338-6235 • joanjlee@usc.edu • Los Angeles, CA

EDUCATION

University of Southern California, Sol Price School of Public Policy Los Angeles, CA
Master of Urban Planning May 2022
Bachelor of Science in Urban Studies and Planning and Minor in Spatial Studies GPA: 3.898 December 2021

HONORS: Spectrum Scholar, WTS International Sharon Banks Scholarship 2021, WTS-OC Undergraduate Scholarship 2020, WTS-OC Transportation Academy 2020 graduate, Dean's List, USC Presidential Merit Scholar, Thematic Option Honors

EXPERIENCE

USC Center for Economic Development Los Angeles, CA
Research Associate June 2021 – Present

- Clean and analyze Zoom attendance and Eventbrite registration data for reports to the City of Los Angeles
- Moderate Q&A sessions during monthly webinars for Mayor Garcetti's LA Optimized Accelerated Academy
- Coordinate with employer and city employees to create newsletter templates, flyers, and emails for small business owners all over Southern California

Roosevelt Network New York City, NY
West Regional Coordinator August 2020 – Present

- Establish 4 new Roosevelt Network chapters across college campuses in the West region, managing 8 chapters in total
- Host and plan programming for the Roosevelt West Regional conference, with representatives from 8 college campuses
- Organize bi-weekly meetings with new chapter leaders to help them recruit new members and further develop chapters

USC Spatial Sciences Institute Los Angeles, CA
Geodesign Fellow August 2020 – August 2021

- Conduct research on Los Angeles' homelessness issue to publish an academic journal article
- Collect data on over 100 homeless shelters and service providers throughout Los Angeles
- Developed StoryMap analyzing the City of Los Angeles' Bridge Home Project and its effectiveness for Lehrer's Architects

City of Los Angeles Los Angeles, CA
Sustainable Development Goals Leadership Academy Intern June 2020 – August 2020

- Created a final report with policy recommendations aligned with SDGs 9, 10, and 11 to inform decision-making for upcoming street asset RFP and identified 10 priority neighborhoods for investment
- Developed a GIS scoring methodology that utilizes socioeconomic and racial data to equitably reprioritize investment in LA street infrastructure

Public Matters Los Angeles, CA
Greetings from East Los Angeles Intern October 2019 – May 2020

- Design materials for planning workshops focused on environmental justice, transportation, and housing
- Lead workshops to help first-generation, low-income students navigate the college application process

LEADERSHIP & EXTRACURRICULARS

Undergraduate Planning at Price Los Angeles, CA
Co-President January 2019 – Present

- Provide updates about undergraduate USP cohort at monthly DUPSA faculty meetings
- Organize bi-weekly events for undergraduate students at USC Price and lead e-board meetings on alternate weeks
- Build and maintain relationships with local organizations and USC surrounding neighborhoods to offer opportunities for student support, involvement, and advocacy

Student Coalition of Asian Pacific Empowerment Los Angeles, CA
External Director January 2019 – May 2021

- Launch a phone tree with APIE-LA to connect QTAPI folks with resources during COVID-19
- Establish connections with APIDA and/or human rights organizations across USC and LA to raise awareness about APIDA issues and provide opportunities for members to get involved

Institute of Transportation Engineers Los Angeles, CA
Vice President of External Programming July 2019 – January 2021

- Competed in the ITE international Micromobility Sandbox Competition, making it as finalists
- Hosted and planned annual Student Leadership Summit for over 200 attendees from all Western District Branches
- Coordinate with professionals to speak for USC chapter members, creating networking opportunities for students

SKILLS

Software and Computer: ArcGIS Pro, Canva, SketchUp, Python, Microsoft Suite, Google Suite

Bryant Lee

(916) 600-9691 | bry715@gmail.com | 9059 Quail Feather Way, Elk Grove, CA 95624 | www.linkedin.com/in/bryantlee2

Education

California Polytechnic State University - San Luis Obispo

Spring 2022

Major: Civil Engineering

Dean's List: Fall 2018, Fall 2019, Spring 2020, Winter 2021, Spring 2021

Related Coursework

Transportation Engineering, Traffic Engineering, Highway Design and Geometrics, Transportation Systems Planning, Transportation Economics and Analysis, Fluid Mechanics, Structural Engineering, Reinforced Concrete Design, Structural Analysis, Fundamentals to Mechanics and Materials, Programming Applications in Engineering, Construction Management

Projects

Willow Alignment - Designer

Winter 2020

- Designed multiple proposed alignments of a horizontal curve for different design speeds and included superelevation diagrams and vertical profiles in accordance with Caltrans HDM 2020 standards

Highway 101 Alignment - Designer

Spring 2020

- Designed a proposed alignment for Highway 101 complete with horizontal and vertical curves with adequate super elevation and sight distance in accordance with AASHTO 2011 Standards
- Determined and minimized cut and fill and analyzed cross sections

Programs

AutoCAD, Civil 3D, Synchro, TransYNC, ATMS Trafficware, Microsoft Word, Microsoft Excel, Visual Basic, Adobe Photoshop, Adobe Premiere

Leadership

WDITE Student Leadership Summit - Conference Coordinator

Jan. 2021

- Controlled a budget and withheld relationships with sponsors in preparation for the conference
- Moderated sessions, facilitated a committee, and organized speakers during the conference

Cal Poly ITE - Marketing Coordinator and Alumni Coordinator

May 2019 - present

- Responsible for weekly announcements on the website and our social media platforms
- Facilitated as a point of contact between the officer board, members, and alumni

Pilipino Cultural Exchange - Web, Media, and Marketing Coordinator

May 2019 - May 2020

- Provided academic support and mentoring assistance to students
- Managed larger long term projects such as quarterly recap videos and smaller projects like photo editing, video editing, and graphic design for club promotion

Chi Epsilon - Class Vice President

2019-2020

- Networked with members and held insightful conversations with the Civil Department advisors and faculty

Work Experience

Interwest Consulting Group - Intern

Jun. 2021 - Sep. 2021

- Developed speed control exhibits, striping plans, and coordination timing plans for the City of Elk Grove
- Lead the Permissive-Protected Flashing Yellow Left Turn Project and operated the Elk Grove's Traffic Management Center

Cal Poly CE/ENVE Department - Research Assistant

May 2021 - present

- Assisted in data analysis for a project involving Dynamic Wireless Charging Lanes

Cal Poly CE/ENVE Department - Instructional Student Assistant

Sep. 2020 - present

- Assessed student performance and prepared weekly updates and reports to my supervisor

MICHAEL LEONG C.W.

(415) 919-8518 | michaelleong@berkeley.edu | 1928 Stadium Rim Way #83, Berkeley, CA 94720

Michael is passionate and enthusiastic about solving the mobility, design, development, and sustainability challenges facing the urban industries of tomorrow. He has been known as a leader in developing innovative ideas and analysis methods in both public and private sector experiences. Graduating in May 2022, he seeks experiences which lead to a career in solving large-scale challenges in more integrated, thoughtful, and efficient ways than ever before.

EDUCATION

- 8/2019 - 5/2022 **University of California, Berkeley** GPA: 3.84 Berkeley, CA
(expected) *B.S. in Civil Engineering, minor in Data Science & minor in City Planning*
- 12/2017 - 12/2018 **Columbia University** Part-Time New York, NY
MicroMasters Certificate in Business Analytics (delivered online through EdX)
-

EXPERIENCE

- 5/2021 - 8/2021 **Transportation Intern** Phoenix, AZ
AECOM Technical Services Inc.
- ◆ Performed Traffic Data Analysis, Signal Optimization, Technical Design, and Conceptual Design of roadway corridors for clients in Arizona, Colorado, Texas, and Washington.
 - ◆ Developed methodology for kernel density analysis on geospatial datasets to identify and prioritize improvements to mobility-challenged areas in Phoenix, AZ.
 - ◆ Developed a transportation infrastructure master plan for an 8000-acre Master Planned Community in Apache Junction, AZ through research and modeling.
- 9/2020 - Present **Student Researcher** Berkeley, CA
Lawrence Berkeley National Laboratory & UC Berkeley Department of Civil Engineering
- ◆ Studying changes to the polycentricity and activity levels in cities induced by COVID-19.
 - ◆ Studying the applications of supercomputing to improving traffic network modeling accuracy.
 - ◆ Studied the feasibility of reducing passenger delay and increasing airport capacity through HOV-style traffic management strategies.
 - ◆ Visualized SmartCard Data to monitor travel patterns in Bogota, Colombia during COVID-19.
- 9/2020 - Present **Project Manager / Associate Consultant** Berkeley, CA
BEACN (Bay Area Environmentally Aware Consulting Network)
- ◆ Developing a US/Canada Expansion Plan for a Vehicle-to-Grid software services provider.
 - ◆ Developed an international expansion plan for a sustainable concrete tech company and a carbon-neutrality supply chain roadmap for a large coffee company.
- 3/2019 - 6/2019 **Data Science & Strategic Planning Intern** Singapore
Singapore Land Transport Authority
- ◆ Developed Python algorithms to analyze & classify GPS Data of taxis in Singapore, to monitor vehicular speed and route choice on arterial roads.
 - ◆ Wrote recommendations for Singapore's Land Transport Masterplan 2040 comprising changes to civil design criteria, frameworks for town transformations, and new system design thinking.
-

SKILLS

Data Analysis (Python, R, MatLab, SQL, Tableau, GIS), Design/Drafting (AutoCAD, Microstation, SketchUp, Bluebeam), Content Creation (Photoshop, Illustrator), TransCAD, Trafficware Synchro, Microsoft Office, Photography, Design

AWARDS & PROFESSIONAL AFFILIATIONS

Cal Civic Hacks (First Place Winner, 2021), FAA Airport Cooperative Research Program (First Place Winner, 2021), Cal Transportation Competition Team (Project Manager, Second Place Winner, 2021), Cal Construction (Integrated Project Delivery Team), Chi Epsilon, ASCE, Tau Beta Pi, Institute of Transportation Engineers, Singapore Student Association

- documented and evaluated teammates' workshop performance
- negotiated and delegated responsibilities to ensure a smooth and safe trip

Media Chair/Zero Waste Chair, Students for a Sustainable Stanford, Stanford, CA

Oct 2017 – Jun 2020

- created ads to reduce red solo cup usage, directed the adoption of compostable single-use items in frats/sororities
- initiated the archives project, which seeks to record, classify, and understand the club's history of activism
- introduced waste-reduction measures at Stanford's annual hackathon and created new zero waste events checklist

Juan Lopez

(661) 236-6783 || Juan.lopez.531@my.csun.edu || www.linkedin.com/in/lopezjjr
45111 25th St. E Spc#72 Lancaster, CA 93535

EDUCATION

California State University, Northridge
Bachelor of Arts in Urban Studies and Planning

Expected Graduation 2022
Northridge, CA

WORK EXPERINCE

Michaels Distribution Center

Foreign Trade Zone Administrator

2017-Present
Lancaster, CA

- Adhere to government rules and regulation and providing import administration control
- Oversee and process the entry of 100+ containers into and out of the free trade zone
- Manage daily inventory reconciliation processes
- Maintain all record keeping systems, logs, files and FTZ operating manual
- Serve as primary contact with brokers and government officials during compliance audits

LMS- Data Entry Clerk

2015-2017
Lancaster, CA

- Manage and organize records and files
 - Key daily production information for over 100+ team members in WMS.
 - Ensure that LMS to Payroll is balanced daily and weekly
 - Compile various reports and training packets
-

VOLUNTEER WORK

Pauly's Project

Community Outreach Volunteer

February 2020
Los Angeles, CA

- Collaborated in a team of 15+ fellow volunteers to assist the homeless
- Assisted with the distribution of basic supply kits to people experiencing homelessness
- Provided support and helped with the distribution of food and clothing

INTERNSHIP WORK

AVCOA (Antelope Valley Community Organizing Alliance)

Intern

Sep.2021- Oct.2021
Lancaster, CA

- Assisting with planning and coordinating of canvassing and tabling events around community
 - Identify possible community partnership opportunities with local business and organizations
 - Utilizing grass root tactics including canvassing, tabling, and short presentations at community events
 - Maintaining a collaborative professional working relationships with peers, supervisors, county departments
-

TECHNICAL SKILLS

- Intermediate- MS Office suite (Excel, Outlook, Word, PowerPoint)
- Novice-ArcGIS, Sketch Up, Adobe Photoshop, InDesign

JASMINE MOORE

9255 Cedar St.

Bellflower, CA 90706

jamoore3@uci.edu

(562)704-2777 (CELL)

RESEARCH INTERESTS

Environmental Planning, Transportation, Land Use, Social Justice, Affordable Housing, Contemporary Sociological Theory, International Development Planning, Building a more Accessible City

PROFESSIONAL STRENGTHS

- Ability to align with changing plans
- Effective communication skills, both oral and written
- Ability to hone in and capitalize on trending research topics
- Extensive organization and multitasking skills
- Detail-oriented, concise, and analytical in workflow, project management, and research
- Advanced experience with Microsoft & Google Suite, Social Media, and proficient with most technology

EDUCATION

Bachelor of Arts, Sociology/Minor: Human Development - California State University, Long Beach, Long Beach, CA

Emphasis: Qualitative Theory and Research

Major GPA: 3.736 // Minor GPA: 3.0

Currently pursuing, Masters of Urban and Regional Planning at the University of California, Irvine

PROFESSIONAL EXPERIENCE

Zeta Tau Alpha

Housing Manager (August 2017- December 2018)

Provide facilitation of contractors and routine maintenance

Maintained an ongoing line of communication with tenants

VOLUNTEER WORK

Enlisted to fundraise and provide educational resources for the Black Lives Matter Los Angeles Organization

RESEARCH/FIELD WORK EXPERIENCE

Research Lead (Personal Research)

(March 2020 - Current)

- Conducted data and analysis for South Park Elementary School on the effects of distance learning.
- Required use of Google Suite and critical analysis of empirical evidence

Intern for Los Angeles County Federation of Labor

(Spring 2021 - Summer 2021)

- Included data entry and research surrounding creating equitable public policy, eviction rates, labor laws, and housing laws
- Working closely alongside politicians and organizers to create policies to help working people through collective action

HONORS/AWARDS

CSULB Satisfactory Academic Progress (SAP) Recipient - (Fall 2017-Spring 2021)

President's Honor List - Spring 2020 Semester

President's Honor List - Fall 2020 Semester

President's Honor List - Summer 2021 Semester

SEMINARS/SYMPOSIUM

Mobility 2021 - Fall 2021

CTF Education Symposium - Fall 2021

OBJECTIVE To obtain employment with a company that strives to obtain excellence and quality and to enhance the well-being of the people in our community. To assist in providing excellence and quality while maintaining safety.

SKILLS & ABILITIES

- Good communication and customer service skills
- Excellent organizational skills
- Ability to relate to and work with others
- Ability to work in a fast-paced environment
- Ability to follow direction and use critical thinking
- Informal leadership qualities
- Experience working with GIS software

I have experience with GIS systems and Planning procedures. I follow instructions well and I am a very hard and competent worker. I follow directions and can give them, seek answers and communicate with my peers and superiors well.

EXPERIENCE

SUTTER ROSEVILLE MEDICAL CENTER, 1 Medical Plaza, Roseville, CA

Environmental Services

January 2017 – March 2017

- Time Management
- Sanitation Standards and Procedures
- Efficiency

Job responsibilities included cleaning and sanitizing patient rooms and nursing stations to control the spread of infectious diseases, working in coordination with medical professionals, communicating across multiple job fields to assure proper procedures for each patient are followed.

COMFORT 1 HEATING AND AIR, 951 Washington Blvd, Roseville, CA

Apprentice Installer

May 2018 – August 2018

- Teamwork
- Attention to Detail
- Patience

Job responsibilities included working with other installers in a team to complete air conditioning unit installations on homes and businesses. I encountered multiple

challenging situations that require innovative thinking as well as following orders of others.

CAPITAL CITY SPORTING CLUB, 2001 Opportunity Dr, Roseville, CA

Front Desk/ Assistant Manager

June 2019 – October 2019

- Organization
- Customer service
- Leadership

Job responsibilities included monitoring shooting lanes and attending to members questions and concerns. Also, assure safety and the numerous laws that pertain to the club are followed by patrons and other employees.

CITY OF CHICO ENGINEERING DEPARTMENT, 411 Main Street, Chico, CA

Engineering Intern

October 2021 –(present)

- Organization
- Cooperation
- Attention to Detail

EDUCATION

CHICO STATE UNIVERSITY, CHICO, CA (January 2020 – present)

Human Geography Major

GIS Certificate (Completed May 2021)

Land Use and Planning Certificate (In progress)

SIERRA COLLEGE, ROCKLIN, CA (January 2016 – December 2019)

Associates Degree in Natural Sciences; Associates Degree for Transfer in Geography;
Associates Degree for Transfer in Criminal Justice

SACRAMENTO CITY COLLEGE, SACRAMENTO, CA (August 2015-December 2015)

No Declared Major

ROSEVILLE HIGH SCHOOL (August 2011 – May 2015)

I graduated with a 3.86 GPA in May 2015.

AWARDS AND
HONORS

Sierra College Dean's List

Sacramento City College President's Highest Honors list

Gamma Theta Upsilon International Geographical Honor Society, Beta
Omega Chapter

Chico State Dean's List (3.98 GPA)

National Football Foundation, Sacramento Valley Chapter

REFERENCES

LaDona Knigge

Department of Geography and Planning Dept. Chair at CSU Chico lknigge@csuchico.edu

Ralph Liguori

Former Manager Capital City Sporting Club Tel: (916) 294-5224

Jasmine Randhawa

916-756-1158 | j_randhawa6@u.pacific.edu | Stockton, CA | linkedin.com/in/jasmine-randhawa

Education

Master of Science, Engineering Science 05/2021 – Present
University of the Pacific, School of Engineering and Computer Science | Stockton, CA

Bachelor of Science, Civil Engineering 08/2019 – Present
University of the Pacific, School of Engineering and Computer Science | Stockton, CA
GPA: 3.66

High School Diploma 08/2015 – 05/2019
Pleasant Grove High School | Elk Grove, CA

Engineering Experience

Caltrans, Division of Rail and Mass Transportation 10/2021 – Present
Student Assistant | Sacramento, CA

Pacific Gas and Electric Company (PG&E)
High School Summer Intern | Sacramento, CA 06/2018 – 07/2018

The Sacramento Municipal Utility District's (SMUD) SEEC Program
Program Participant | Sacramento, CA 08/2018 – 12/2018

Leadership Experience

American Society of Civil Engineers, University of the Pacific Chapter
Secretary | University of the Pacific 08/2020 – Present

Innovative Design and Engineering Academy
Social Media & Fundraising Director | Pleasant Grove High School 08/2016 – 05/2019

Professional Work Experience

University of the Pacific, Department of Institutional Research and Decision Support
Office Assistant | Stockton, CA 08/2019 – 05/2020

Elk Grove Youth Soccer League (EGYSL)
Grade 8 Referee | Elk Grove, CA 05/2017 – 06/2019

Skills

Technical

- Proficient in AutoCAD, MATLAB, Wolfram Mathematica, LaTeX
- Advanced in Microsoft Programs (PowerPoint, Word, Excel, MS Office)

Languages

- Advanced in English and Punjabi
- Proficient in Spanish and Hindi

Emil Rodriguez

San Francisco, CA | (415)-913-9764 | emilrodriguez.sf@gmail.com | <https://www.linkedin.com/in/emil-rodriguez/>

Education

UNIVERSITY OF CALIFORNIA, DAVIS | 2018-2022

- BS Environmental Engineering; BS Civil Engineering
- Minor in Environmental Policy, Analysis & Planning; Minor in Energy Policy
- Coursework: Transportation Policy, Energy & Environmental Aspects of Transportation, Urban Systems & Sustainability, Urban & Regional Planning,
- GPA: 3.8/4.0

LOWELL HIGH SCHOOL, SAN FRANCISCO | 2014-2018

- Member of Shield & Scroll Honor Society; Captain of Track Team
- GPA: 4.0/4.0

Work Experience

RESEARCH FELLOW | NATIONAL CENTER FOR SUSTAINABLE TRANSPORTATION | JUNE 2021 – OCTOBER 2021

- Conducted review and analysis of the long-term transportation plans adopted by California's Metropolitan Planning Organizations to assess their contribution and progress towards meeting state climate goals.
- Collected and processed transportation finance and performance data to assess the focus of local, regional, and state agencies in adopting VMT-reducing transportation projects.
- Co-authored a report for the California Strategic Growth Council and presented research at symposium.

RESEARCH ASSISTANT | ARID LAB & WILD ENERGY INITIATIVE, DAVIS, CA | JUNE 2021 - PRESENT

- Collaborate with lab director and graduate students on research project analyzing the ecological and water quality impacts of floating photovoltaic cells.
- Conduct field surveys at study sites, measuring water quality while following proper equipment and safety procedures.
- Process water quality data in Excel and R to create 2- and 3-dimensional water quality profile models.
- Synthesized array of existing research relevant to project.

WATERWAY STEWARDSHIP INTERN | UC DAVIS ARBORETUM & PUBLIC GARDEN | JANUARY 2020 - PRESENT

- Lead team in designing and constructing floating treatment wetlands on the UC Davis Arboretum waterway which successfully reduced the nutrient levels of the waterway and expanded wildlife habitat.
- Conducted regular water quality surveys using multiparameter probes and analyzed water quality data to quantify the impacts of treatment wetlands
- Assisted in series of habitat restoration projects on the UC Davis campus.

DATA ENGINEERING INTERN | MELISSA INFORMATICS, BERKLEY, CA | JUNE 2019 – OCTOBER 2019

- Analyzed and summarized biotechnical data and prepared reports on observed trends.
- Enhanced clients' data by compiling comprehensive, interrelated datasets for improved searchability.
- Conducted quality control of in-development data applications and presented bug reports to Senior Project Manager.

Projects

COMMUNICATIONS LEAD | ENGINEERS WITHOUT BORDERS, UC DAVIS CHAPTER – KENYA TEAM | 2019-PRESENT

- Communicated with NGOs and university faculty via phone and email to coordinate plans of a climate-resilience drinking water project in rural Kenyan community.
- Provided updates to team of 20 at meetings and discussed how to modify plans to suit changing needs.
- Facilitated discussion of social, environmental, and ethical considerations of project among team members.

Skills

Microsoft Word – Excel – PowerPoint – AutoCAD – ArcGIS – MATLAB – Adobe Photoshop
Data Analysis – Research – Python – Java – R – SQL – Spanish

RESUME WORKSHEET

Name: Gilbert Salas
Address: 11225 Elmcroft Ave
City and State: Norwalk, California
Zip:90650
Phone: (562)500-4245
E-mail:gilbert.salas@student.csulb.edu

Objective: Internship

Education:

California State University, Long Beach
Candidate for Bachelor of Arts (or Science) in Civil Engineering
Major:Civil Engineering
Date degree expected: May 2023

Skills and Qualifications:

Matlab
Excel
Powerpoint
Autocad

Experience:

(Intern) ,(Pelican Products)
(Location: Torrance, CA) (Summer of 2018)
(Responsibilities/ Accomplishments): Working with the Products Team

Academic Honors, Activities, Organizations, Leadership (can include on- and off-campus):

President of ITE Chapter for csulb.

Andrea Patricia Sanchez

Los Angeles, CA | 818-298-5086 (cell) | landrea.sanchez821@gmail.com

EDUCATION

Loyola Marymount University

Expected Graduation: May 2023

Bachelor of Science, Civil Engineering

Business Administration Minor

Relevant Coursework: Surveying and Mapping, Structural Analysis and Design, Mechanics of Materials

SKILLS and TECHNOLOGY

AutoCAD	SketchUp	MATLAB	Microsoft Excel Certified
Civil 3D	Multisim	Sage	Arduino

PROJECTS

Bird Nest Traverse

Sep 2021 - Present

- Surveyed a closed traverse around the Bird Nest on Loyola Marymount University
- Determined elevations at each control point

Building Load Design

Aug 2021 – Oct 2021

- Modeled a two-story building with SketchUp software
- Calculated various design loads by using ASCE 7-16 standards

3D Dorm Room Design

Oct 2019

- Used SketchUp software to create a realistic dorm room design while following size constraints
- Wrote a technical memo detailing the procedure

Building Stability Test

Mar 2018

- Created models using different combinations of support systems such as trusses
- Tested structural stability by simulating an earthquake and took note of best performers

WORK EXPERIENCE

Loyola Marymount University

Westchester, CA

Event Coordinator of the First to Go Program

Aug 2021 – Present

- Organize special events for first-generation college students to inform them of various campus services
- Assist new students with their transition to college life by providing them with a support system

Lions for Learning Tutor

Sep 2020 - May 2021

- Mentored students in elementary and middle school in math and English
- Assessed student performance and planned specialized lessons and activities

Center for Undergraduate Teacher Preparation Administrative Assistant

Sep 2019 - May 2020

- Analyzed nearby high schools for the recruitment of potential teachers
- Gathered resources for aspiring student teachers to take the California Subject Exam for Teachers

McDonald's Restaurants

Granada Hills, CA

Crew Member

2019 - Present

- Able to provide excellent customer service while under pressure

ORGANIZATIONS

American Society of Civil Engineers

Feb 2021 - Present

- Attended the Pacific Southwest Conference to connect with other Civil Engineering students

DECA (Business Student Organization)

Aug 2016 - May 2019

- Managed all aspects of a retail store in a virtual business simulation
- Team leader in the 2018 Capitol Hill Challenge involving hypothetical stock portfolios

Christine N. Stavish

Los Angeles, CA | 610-888-9513 | stavish@usc.edu

OBJECTIVE

Self-starting Civil Engineering student with an interest in Transportation Engineering and Planning seeking a challenging opportunity to explore innovative ways to combat safety, equity, and mobility issues in transportation.

EDUCATION

University of Southern California

Los Angeles, CA

B.S. Civil Engineering (GPA: 3.62 / 4.00)

Expected May 2022

M.S. Civil Engineering (Transportation Engineering)

Expected May 2023

- **Relevant Coursework:** Probability Concepts and Civil Engineering, Engineering Economy, Principles of Transportation Engineering, Fluid Mechanics, Geotechnical Engineering
- **Awards:** USC Dean's Scholarship, WTS-Los Angeles 2021 Jacobs Undergraduate Scholarship

WORK EXPERIENCE

USC Viterbi School of Engineering

Los Angeles, CA

Undergraduate Student Researcher with Dr. Ketan Savla

January 2021 - Present

- Design, implement, and deploy a full stack web-application to host a study investigating the possibilities of traffic control and mitigation through private route recommendations
- Create recruitment materials to attract participants and respond to pertinent sections on the IRB application
- Mentor two new undergraduate students on the team
- Develop skills in programming, requirements analysis, project management, database design, and predicting user behavior to guide decisions about user experience

University of Southern California

Los Angeles, CA

Trojan Event Services Event Usher

November 2019 - Present

- Direct guests to their seats, enforce venue rules, and be assertive to ensure timely outflow of guests after event
- Assume floor manager role as-needed, communicating directly with highest-level staff to resolve issues as they arise during events

Llanerch Country Club

Havertown, PA

Caddie

May 2016 - August 2021

- Built trusted client relationships by assisting players with bags and strategy over six consecutive golf seasons
- Anticipated client needs, coordinating with other caddies to ensure decent pace of play and client satisfaction

LEADERSHIP EXPERIENCE

USC Institute of Transportation Engineers (ITE)

Los Angeles, CA

Treasurer

May 2021 - Present

- Contribute to design competition submissions, attend district and international events, coordinate and plan Chapter events, and brainstorm ways to boost student and industry engagement with the Chapter
- Collaborated with two Chapter members to investigate post-COVID Open Streets in a project we presented at the 2021 ITE Annual Meeting in July 2021

Remedy Through Music

Los Angeles, CA

Co-President

May 2021 - Present

- Play alto saxophone with ad hoc group of student musicians who visit hospitals and children's centers to share music & smiles
- Adapt club operations to maintain a meaningful experience for service sites and members during COVID by finding new ways to interact with patients, children, and staff

SKILLS & INTERESTS

Skills: Python, Microsoft Office, SQL, MATLAB, AutoCAD, Revit, HTML, CSS

Interests: Classical and jazz saxophone (10 years), golf, European soccer, world travel, pickup soccer, and knitting

Tommy H.D. Tran-Nguyen

<https://www.linkedin.com/in/tommy-tran-nguyen/> • (415)841-9820 • tommytn54@gmail.com/

OBJECTIVE

To continue my professional career as a robotics mechanical engineer and progress as an individual

EDUCATION

Graduated George Washington High School, San Francisco, CA, 2015-2019

Received scholar's award for passing 3 Advanced Placement tests in a school year.

City College of San Francisco, San Francisco, CA 2019-Present

WORK EXPERIENCE

Seasonal Storefront Associate 2019-11 - 2020-02

UNIQLO CALIFORNIA LLC.

- Establishing strong and healthy relationships with coworkers and creating a friendly environment
- Challenging myself and consistently striving to improve my abilities
- Providing assistance and satisfaction to thousands in a quick and timely fashion
- Fulfill my responsibilities as a representative of the company

SKILLS

- Microsoft word
- Microsoft Powerpoint
- Google Sheets
- Drawings
- Google Docs
- Google slides
- Berkeley Snap!
- Fusion 360
- Active Listening
- Communication
- Leadership
- Management Skills
- Powertools

ACTIVITIES

- **First Robotics club team leader, 2017-2019**
 - Built functioning robots using power-tools resulting in a sense of responsibility and use of power tools.

Laura Varela



Personal: lauravarla@aol.com

School: lavarela@ucsd.edu



(760) 413-5496



LinkedIn: Laura Varela

OBJECTIVE: To obtain an internship or engineering position pertaining to Civil and Structural Engineering.

EDUCATION

University of California, San Diego

La Jolla, CA

B.S. Structural Engineering

expected: June 2022

GPA: 3.502

Courses: Graphical Communication for Engineering Design, Land Use Planning, Statistics: Probability and Reliability, Structural Analysis, Solid Mechanics I,II & III, Mechanics I, II & III, Structural Materials, Design of Steel Structures, finite element analysis

PROFESSIONAL EXPERIENCE

County of Riverside Transportation Department (TLMA)

Riverside, CA; Palm Desert, CA

June 2019-September 2021

- **Student Intern, Project Development Team**

Inter-Departmental coordination, research and graphical design for a guardrail reconstruction project, creation of alternative construction solutions through the implementation of Caltrans and Riverside County Standards, training in asphalt applications, assistance in formulating encroachment and transportation permits, execution of bridge and road field reviews such as Ave 66 Grade Separation and SR-60 freeway expansion, customer service

LANGUAGE AND TECHNICAL SKILLS

- **Software:** MicroStation, AutoCAD, SolidWorks, ArcGIS, ArcMap, MATLAB, Abaqus CAE, Laserfisher
- **Operating systems:** UCSD lab STAR machine, LuzBot 3D printer
- Second language: Spanish
- Microsoft Excel, Outlook, Office, Skype, Zoom

ENGINEERING EXPERIENCE

University of California, San Diego

La Jolla, CA

- **SCSE Transportation Project Team**

Winter 2020

Performed the traffic study and traffic level analysis for the Euclid St.-Glenoaks Ave. improvement plan to raise the median and install protected left-turn signals

- **Development of Rube-Goldberg machine**

Spring 2019

2nd place for slowest mechanical conference of our section, design iterations of mechanism through spatial visualization and material strength properties

- **Construction and Design of Balsa Wood Structure**

Fall 2018

Predicted the dynamic behavior of the building under seismic and dead loads, 5th place for sturdiest and most cost-effective approach

ORGANIZATIONS

University of California, San Diego

La Jolla, CA

- **Society of Civil and Structural Engineers; Concrete Canoe Project team**

September 2019-March 2021

Formulated canoe aesthetics through vacuum sealing and laser cutting, involvement in concrete mixing for Pour Day, aesthetic development through implementation of ASTM standards, undergraduate outreach

- **Engineering Learning Community (member)**

January 2019-Spring 2020

Peer and instructor collaboration with math and physics subjects, analyzing complex engineering examples

CO-CURRICULAR WORK

University of California, San Diego

La Jolla, CA

- Paddling and rowing with the Concrete Canoe project team
- Attendance to spiritual retreats with the Kyrie Eleison student run religious organization

September 2019- Present

September 2018- Present

Education:

UC Irvine Undergraduate: Civil Engineering 2019-Present
High School: CAMPOLINDO HIGH SCHOOL 2015-2019

Computer Skills

Microsoft Office: Most comfortable with Word, Excel, and PowerPoint

Google Drive: Very familiar with Docs, Slides, Sites, Sheets and Forms

AutoCAD: 1 year of experience, mostly 2D models

Matlab: 2 years of experience, with both R2018b and R2020b versions

Sketch-up: Over 3 years of experience

Basic computer languages: 1 year of experience in each Python, Java and Java-script

Volunteer & Work Experience

Tutoring 2017-2019

During my Junior year, I acted as a teacher's aide in a 6th grade math class, focusing on the less gifted students to ensure they did not fall behind the rest of the students. (1 hour/week, 30 weeks)

During my senior year, I would sit down with underclassmen during academy (an hour chunk of time dedicated to individual study time) to tutor them on whatever subjects they were struggling in. (1 hour/week, 40 weeks)

Babysitting 2018-2019

During my senior year, I would pick up two kids from school every Wednesday/Thursday, take them to swim practice, and bring them home. (6 hours/week, 20 weeks)

Moraga Ranch Swim Coach 2015-2021

For the past 6 summers, I taught kids aged 3-18 how to swim, shepherded during the swim meets, and helped mentor younger coaches. (25 hours/week, 14 weeks/summer, 2 summers)

Extracurricular Activities/Sports/Clubs

Swimming 2004-2019

I swam for Moraga Ranch, a recreational team, for 12 years, and swam for my High School team for 4 years (8 hours/week, 14 weeks, 15 years)

Skiing 2003-present

I have been skiing for my whole life, it is my biggest passion. For two years I competed in alpine skiing for the Heavenly Ski Team. I currently ski at mammoth mountain.

L.I.F.E. General Member 2019-2020

Leaders in Freshman Engineering, or LIFE for short, was a campus club specifically designed for first year engineering students. In this club, we ran several meet and greet activities on campus in order to boost student and faculty involvement.

Isabella Volpe
242 Athens St. • SF, CA 94112
(415) 297-6570 • isbellagvolpe@gmail.com

EDUCATION

California State University, Chico - *B.A. in Human Geography and Planning*

Graduating: 5/22

- Certificate in Geospatial Technology
- Certificate in Land Use and Environmental Planning

Relevant Coursework

- Advanced Cartography
- Planning for Sustainable Communities
- Environmental Impact Analysis
- Urban Geography
- Remote Sensing of Environment

SKILLS

- ArcGIS
- Microsoft Office
- SPSS

WORK EXPERIENCE

Chico State University, Chico, CA - *Desk Attendant*

8/22 - PRESENT

- Kept building secure by following procedures and monitoring logbooks
- Maintained security and telecommunication systems

Collier Hardware, Chico, CA - *Cashier*

2/20 - 10/20

- Processed transactions, collected payments and printed receipts
- Organized, stocked, and sold product and equipment

17th Street Athletic Club, San Francisco, CA - *Receptionist*

5/19 - 8/19

- Front desk customer service: met incoming customers with professional approach and provided friendly, knowledgeable assistance

KEY STRENGTHS

Flexible and adaptable, fast learner, collaborative team member, open and honest communicator, decisive and disciplined.

Contributes to positive and productive work environments and team morale.

QUINN VOSMERA

3609 Parkstone way, Clovis, CA | C: 5593211701 | email: quinnvosmera@mail.fresnostate.edu

Objective

Seeking an entry level position in the heavy civil engineering industry where I can demonstrate proficient problem solving, management, and communication skills in a professional setting in the aim to get my professional license.

Education

California State University, Fresno (Fresno State) B.S.,

Civil Engineering, fall 2021, GPA: 3.60 ***Related courses***

work/software experience:

AutoCAD, Civil 3D, Microsoft word, Excel, + MATLAB, Bluebeam

Job/Internship Experience

Technicon Engineering Services, Fresno, CA

Civil Engineering Intern, June 2019 – June 2020

- Geotechnical assessments/tests on soil and aggregate under ASTM/Caltrans standards
- Material tests on different types of construction materials including concrete, asphalt, rebar, and bolts

Granite Construction, Fresno CA

Project Engineer/Estimating Intern, June 2020- Dec 2020

- Worked under project engineers and superintendents on Caltrans HWY 99 Selma/Kings roadway reconstruction job assisting on RFI's , as builds, and cost/time/quantity management for the project
- Assisted on plan review and quantity takeoff for bids including city and Caltrans projects

Peters Engineering, Clovis CA

Transportation engineering intern, February 2021- resent

- Working under professional engineers designing ADA complaint ramps, road structures, grading plans, utility coordination, storm drain design, and preliminary stripping and intersection design
- Assisted on plan review, cost estimates, project proposals, specifications, and planset creation

Memberships/Certifications

- Engineer in Training (EIT)
- Fresno City Football Captain, 2018-2019 season
- ACI class 1 testing certification

Lucy White

3315 McGraw Street
San Diego, CA 92117
858 882 7570
luwhite@ucdavis.edu

EDUCATION

University of California, Davis – *Bachelor of Science in Sustainable Environmental Design, 2022*

September 2020 - Current

San Diego Mesa College, San Diego – *Associates Degree in Art and Humanities*

August 2017 – June 2020

Graduated with Honors

Cumulative GPA: 3.6/4.00

Colegio de España, Salamanca - *Completion Certificate*

June 2018 - July 2018

For six weeks, I lived with a host family in Salamanca, Spain. I attended daily Spanish language classes and completed the “B Nivel” sequence.

EXPERIENCE

National Center for Sustainable Transportation- *Student Fellow*

Summer 2021

Working with a professor from UC Davis, I conducted a summer long research project on zoning and its effects on female public transportation ridership in San Diego. The completed project will include a 10-12 minute oral presentation and 10 page final report.

Noonan’s Swim School, San Diego - *Swim Instructor/Deck Supervisor*

October 2018- October 2021

- Utilizing curriculum for accurate student levels
- Maintain parent/client relationships
- Directed deck meetings before and after shifts regarding Emergency Action Plan and daily goals

Honors Transfer Council of California - *Conference presenter*

Honors Conference, 2019 San Diego Mesa College, City of Irvine — “*Awareness and Use of an On-Campus Emergency Food Pantry*”

- Worked closely with Urban Geography professor to develop research project for Honors class
- Interviewed San Diego Mesa College students on campus food resources use and awareness of available resources
- Compiled findings into an abstract and submitted to San Diego Mesa College’s emergency food resources departments
- Presented research project at HTCC conference

Yuhao (Jarvis) Yuan

📧 jarviskroos7.myportfolio.com

Email: jarviskroos7@berkeley.edu

Mobile: 626-586-9388

Github: github.com/jarviskroos7

EDUCATION

- **University of California, Berkeley, College of Engineering** Berkeley, CA
B.S. Civil Engineering; EECS and Data Science Minors, GPA: 3.81 *August 2018 - May 2022*
Berkeley Certificate in Design Innovation (BCDI)
Relevant Coursework: Engineering System Analysis, Principles & Techniques of Data Science, Data Science for Smart Cities, Infrastructure Sensing & Modeling, Electric Mobility Engineering, Data Structures, Optimization Models in Engineering, Transportation Systems Engineering, Data Science for Energy, Engineering Risk Analysis

SKILLS SUMMARY

- **Languages:** Python, JAVA, C++, MATLAB, SQL, Bash, Chinese
- **Tools:** python-control, Docker, CVXPY, scikit-learn, GeoPandas, OSMnx, CenPy, NetworkX, L^AT_EX, AWS
- **Software:** AutoCAD, Vistro, Arduino, SOLIDWORKS, ArcMap, Final Cut Pro X, Lightroom, Photoshop, Illustrator
- **Soft Skills:** Leadership, Public Speaking, Event Organization & Planning, Innovative, Detail Oriented

EXPERIENCE

- **Kittelson & Associates, Inc.** Oakland, CA
Transportation Engineer Intern (Full-time) *May 2021 - August 2021*
 - Conducted technical research for SR-710 ATMS and freight CAV deployment plan for FDOT District 4;
 - Analyzed more than 80k records of SWITRS collision data for speed limit evaluation in Piedmont and Port of Oakland;
 - Constructed trip generation, internal, and queuing rates database for Costco sites in multiple states and locations;
 - Building web-scraping Python script and analyzed more than 2,500 entries of PeMs data for I-5 San Clemente segments for BAU model validation and 2040 traffic volume forecast.
- **Institute of Transportation Studies Berkeley, College of Engineering** Berkeley, CA
Undergraduate Research Assistant *September 2019 - Present*
 - **Bayen's group:** Advised by Prof. Alexandre M. Bayen in the Berkeley Integrated System for TRansportation Optimization (BISTRO) research project as the only undergraduate student as part of the EECS MEng capstone team;
 - **Responsibility:** Conducting extensive congestion pricing optimization studies on agent-based traffic simulation based on San Francisco County, CA; Building pipelines for output data processing, geo-spatial visualization, and 100+ hours of scenario testing, calibration with SFMTA Travel Decision Survey and Uber Movement data;
 - **Outcome:** Currently co-authoring the research study for the San Francisco scenario with PhD student Jessica Lazarus.
- **Undergraduate Research Apprentice Program (URAP) Berkeley** Berkeley, CA
Undergraduate Research Apprentice *January 2020 - March 2021*
 - Performed transit network employment accessibility analysis in Bogotá, Columbia for the new aerial cable-car infrastructure project, *TransMiCable*, in December 2018 based entirely on open-sourced data and tools.
 - Implemented routing packages, OTP and R5, and estimated a localized employment accessibility improvement from 2%-63%. Currently working to expand and adapt the analysis on the Muni Central Subway Extension in San Francisco.
- **Toppa @ Berkeley** Berkeley, CA
Vice President, Director of Content and Media Production *January 2020 - Present*
 - TOPPA's mission is to unlock the full potential of the East Asian community. We provides elite mentorship about the tech industry spectrum, recruitment skills/training, and student-led projects, aiming to help our members advance in their own careers.
 - Over the semesters, I designed and promoted over 60 posts of marketing materials, produced and edited 10+ videos, and redesigned our organization website to recruit more than 100 new members as part of the community, leading projects in tech and content production.

PROJECTS

- **SoCal EVCS Network Analysis:** A merged roadway network and 2019 ACS analysis of the Electric Vehicle Charging Station (EVCS) in southern California. Using network science, charger attributes, population census, and K-means clustering, we confirmed the imbalance and correlation of the EVCS to its serving population in a connectivity and geo-spatial context, and the needs of additional infrastructure to meet local demands with transportation electrification. #EVcharger #infrastructure
- **I2C2V Congestion Pricing Technology Project Proposal:** An infrastructure sensing technical proposal and business plan to tackle urban traffic congestion in the future, where proposed sensors, traffic control devices, and software integration will enable I2V communication and implement real-time congestion pricing evaluation and deployment to reduce urban congestion, promoting equity, and promote a more robust and safer street network. #remote-sensing #V2X #congestion
- **4WD Electric Direct-Drive Skateboard Design:** Inspired by the Rimac Concept One, this is a design concept for a motor powered longboard with 4WD as a fun solution to the last-mile transportation need and an electric mobility mode in the urban setting. The project outlines the system schematic of parts, batteries, features, and computation technologies of the design.
- **COVID-19 on San Francisco's Shared Mobility Analysis:** A geo-spatial and temporal data analysis project on the effect of COVID-19 on San Francisco's shared mobility usage. In particular, we were able to capture ridership fluctuation as much as of 35% drop of Uber ride-share services, 83% drop for Bay Wheels ridership, and significant decreases in BART trips of 60% from March in tech and healthcare abundant areas. #data-science #transit #COVID19 #LEHD #census #UberMovement
- **Using Data Science Techniques To Assess The Marginal Effects Of Public Transit Investments On Employment Accessibility: The Case Of Bogota's First Aerial Cable-car :** (URAP) Our analysis suggests that by investing in TransMiCable, Bogotá dramatically changed the distribution of employment accessibility in the project's area.

Rodolfo Zarate

650 East 104 Street Los Angeles, CA 90002 | rzarate1@lion.lmu.edu | (213) 598-3467
<https://www.linkedin.com/in/rodolfo-zarate-b57a45223>

Education:

Loyola High School **Los Angeles, CA**
High School Diploma *June 2019*

Loyola Marymount University **Los Angeles, CA**
Bachelor of Science Candidate, Civil Engineering *Spring 2023*
Relevant Coursework: Algorithms and Applications; Mechanics of Materials; Probability and Statistics; Structural Analysis; Surveying & Mapping

Experience:

AZA Iron Works **Los Angeles, CA**
Welder/Construction Worker *June 2017-Present*

- Led small teams through ornamental, metal projects
- Handled business directly with inspectors and clients

Academic Projects:

Loyola Marymount University/ McNair Scholar **Los Angeles, CA**
A Study of Nails as Connections in Wood-Framed Structures *Summer 2021*

- Summer research project conducted on wood-framed structures.
- Pieces of literature were used as guidelines for designing and calculations of lumber connections.
- Those connections were tested in shear using an Instron Press.

Loyola Marymount University/ McNair Scholar **Los Angeles, CA**
Surveying and Mapping *Fall 2021*

- Created traverses using pacing/chaining and equipment such as Total Stations.

Volunteer Experience/Co-Curricular:

Senior Capstone Project (2021) **McNair Scholar**
Loyola High School Senior Service Project **St. Lawrence of Brindisi Catholic Church**

Skills & Technology:

MATLAB	AutoCAD	CIVIL3D
Microsoft Office	Mac OSX/ Windows	Sketch-Up

Kim Anderson, Deputy Director for Planning, San Joaquin Council of Governments (SJCOG)



After two decades as a real estate appraiser, Kim finished a graduate degree in public administration and started her public sector career at the San Joaquin Council of Governments in Stockton, CA where her first project was the San Joaquin Valley Blueprint planning effort. In the intervening 12 years, she worked on SJCOG's habitat conservation plan, and managed airport land-use planning, the Congestion Management Program (CMP), and the Regional Transportation Impact Fee (RTIF) program.

Kim left the agency in 2019 as the manager for SJCOG's long-range planning efforts, including the successful development, adoption, and implementation of both the 2014 and 2018 Regional Transportation Plan/Sustainable Communities Strategies (RTP/SCS), regional sustainability planning and studies, and overseeing the Census Data Center. In that capacity she led the agency's work in leading and facilitating regional forums bringing together diverse perspectives on emerging policy issues in regional planning, including jobs and the economy, housing affordability, workforce development, and technology and innovation.

Kim spent two years with Regional Government Services (RGS), where she led the Regional Planning & Strategic Communication service line – specializing in regional planning projects and initiatives for transportation, housing, and economic development statewide. She returned to SJCOG in her current position in August 2021.

Kim holds a Bachelor of Arts degree in Economics (focus in Urban Economics, Planning, & Sustainable Development). She also holds a Master of Public Administration (MPA) degree from California State University, Stanislaus. Past professional endeavors include real estate appraisal, oil field equipment sales, and work as a personal chef & wine taster. She spends her spare time reading nerdy blog posts, listening to podcasts, and attending music festivals.

Kris Balaji, P.E., P.M.P.

A licensed Professional Civil Engineer in California with over 25 years of managing and delivering public infrastructure projects, Kris is currently serving as the Director of Public Works for San Joaquin County, managing diverse programs and professionals. As the Director, he oversees a staff of approximately 400 engineers, planners, administrators and maintenance professionals who provide services to the San Joaquin County residents in over 20 different functional areas that includes highway, bridge, water resources, flood control, water quality, solid waste, fleet, development services, environmental services and utilities. His prior assignments include managing Transportation Operations for two global Architecture & Engineering firms and serving at various capacities in Caltrans.

A Certified Project Management Professional, Kris holds a Masters Degree and a Bachelors Degree in Civil Engineering. Kris' expertise in transportation includes experience as a highway designer, construction resident engineer, bridge designer, transportation funding and policy strategist, and transportation program manager. Kris brings more than 15 years of experience with Caltrans, advancing from a highway and bridge design engineer to the California's Chief of Traffic Operations. During his career, Kris taught many classes including Project Engineer Academy, Bridge Engineer Academy, transportation policy and funding, and leadership training programs, besides making presentations at various industry forums. He is also active in mentoring upcoming college graduates.

Kris is also an active volunteer in the Community and the engineering profession. Kris has served as a Planning Council Member on the Sacramento County's Planning Council. Kris also served on the Board of ITS-California, as one of its Directors. Kris served as the CEAC's Regional Director for Central Valley, and currently serves on the Board of California Transportation Foundation. A strong proponent of continuing education, and dedicated to shape the future public services profession, Kris also served on the Transportation Research Board's Committee on Educating the Workforce. An avid supporter of infrastructure improvement in developing countries, Kris served on the Board of U.S. – India Transportation Consortium (UICON) to provide technology transfer assistance related to transportation infrastructure. In addition, over the past ten years, Kris has been teaching his native language to the second-generation Indian kids in Sacramento area.

Transportation Biography

Ben Tripousis, Associate Vice President, HNTB:

Ben has served as Associate Vice-President and San Jose office Group Director with HNTB, a national architecture and engineering firm for nearly four years where he is working in the South Bay on a range of infrastructure projects. These projects include the Capitol Corridor South Bay Connect rail project, the US 101/Berryessa/Mabury Interchange Improvement project, BART to Silicon Valley Phase II, and the California High Speed Rail project.

Prior to joining HNTB Ben served as the Northern California Regional Director for the California High Speed Rail Authority and was responsible for the development of the California High Speed Rail project in Northern California. This includes the electrification of the Caltrain Peninsula Corridor project, Environmental clearance of the San Francisco to Merced project segment, and the future High-Speed Rail connection to Sacramento. In addition, Ben oversees the development of Regional Rail Improvements to the Capitol Corridor, Altamont Commuter Express (ACE) and the San Joaquin Regional Rail systems. Ben has also served as an Adjunct Professor at San Jose State University, teaching High Speed Rail Management and Operations in the Master of Transportation Systems Management program, and has served as the Director of the High-Speed Rail Connectivity Center at the Mineta Transportation Institute.

Previously Ben served as Transportation Policy Manager for the City of San José; Serving as the City's liaison to all local and regional transportation agencies where he helped craft regional planning and funding policies for the 100 cities and nine counties in the Bay Area and helped lead the development of long-range transportation policy for Santa Clara County. Ben is a graduate of the University of California at Berkeley and has a master's degree in public administration from San Jose State University.

Donna Berry Biography

Donna is currently the Division Chief for Project Management for the Department of Transportation (Caltrans) where her primary role is the overall management of the delivery of capital projects and the \$2.3 Billion Capital Outlay Support budget for all Caltrans staff and consultants who work on them. Donna's second primary role is the implementation and improvement of statewide project management business processes as well as the tools and training needed to implement them.

Donna has over 25 years of transportation experience with Caltrans working in Headquarters, North Region, Structures Design, and an acting assignment in San Diego as the District 11 Chief Deputy. She acquired extensive knowledge in all phases of transportation engineering while working as a project engineer, design senior, project manager, and program manager, in both District and Headquarters positions. She led project delivery teams working on some of the most complex projects in the North Region and has shared that experience by training the next generation of engineers in the PE and PM Academies.

Donna has also assumed leadership roles in the innovative shifts of the department in the implementation of Moving Ahead for Progress in the 21st Century Act, Senate Bill 486 and Senate Bill 1. Donna has excelled at project delivery transparency, accountability and partnership, and she has been acknowledged for her ability to work collaboratively to navigate difficult delivery processes on behalf of the Department.

Most recently Donna was the recipient of the 2020 Woman of the Year Award for the Women's Transportation Seminar (WTS) for her contributions in advancing diversity and women in transportation.

Donna earned a bachelor's degree in Civil Engineering from the University of California at Davis. She is a licensed Civil Engineer.



Sarah Brandenburg, Principal. Sarah has over 20 years of experience with Fehr & Peers. Sarah served as the Operations Manager of the Los Angeles office for over 7 years, and is currently the Regional Principal in Charge of Southern California and Board Chair. Fehr & Peers specializes in providing transportation planning and traffic engineering services to public and private sector clients. Our firm emphasizes the development of creative, cost-effective, and results-oriented solutions to planning and design problems associated with all modes of transportation. Sarah has managed many complex studies, such as transportation impact studies, EIR transportation and circulation sections, transportation planning studies, and multi-modal corridor studies. Sarah's ability to work closely with clients, complete a high-quality technical analysis, and clearly communicate study findings have been and will continue to be

critical to project success.

Luis Carrasquero joined the Metrolink team under the Positive Train Control (PTC) on April 2014 as PTC Equipment Engineer I. His principal assignment involved production oversight of Positive Train Control (PTC) installations on Metrolink's locomotive and cab cars, perform functional static and dynamic testing for PTC commissioning, perform log analysis from PTC onboard equipment on revenue service runs for reported failures and anomalies and coordination of test trains to conduct brake testing, functional integrated testing and communication testing. On February 27, 2017, Luis Carrasquero was promoted to Senior Manager, Train Control On –Board Systems in the Signals & Communications, PTC Department. In this capacity, he managed and coordinated the day-to-day installation and acceptance for maintenance and upgrades of the PTC On-Board Systems on locomotives and cab cars to assure the safe efficient and reliable operation of trains. On June 2019, Luis Carrasquero was promoted to Interim Director, Maintenance of Equipment, where he managed the maintenance of equipment activities for the agency's revenue train fleet. On May 2021, Luis Carrasquero was promoted to Interim Deputy Chief Operating Officer. Luis Carrasquero has had 7 years of railroad experience, including 1 year with Parsons as the vendor integrator for the Metrolink PTC project and 6 years with Metrolink. Luis Carrasquero earned a Bachelor of Science in Mechanical Engineering from the University of California Riverside and a Master of Science in Mechanical Engineering from the University of Southern California.

Ryan Chamberlain Caltrans District 12 Director Biography

As District Director of Caltrans in Orange County, Ryan Chamberlain works with Caltrans' partners and stakeholders to fulfill Caltrans' mission to provide a safe, sustainable, integrated and efficient transportation system to enhance California's economy and livability. He joined Caltrans in 1999 and has held positions at Caltrans headquarters, Districts 7 and 12, in Local Assistance, Environmental Planning and Transportation Planning. District Director Ryan oversees nearly 900 employees who plan, design, construct and maintain 1,964 lane miles of roadway. Ryan is currently a lead for Caltrans' Strategic Management Plan's goals for sustainability, livability and economy, while serving on boards of directors for six public agencies.

Ryan graduated from the University of California, Santa Barbara with a degree in Environmental Studies. Ryan and his wife Jodi have two children and live in Orange County.

Tilly Chang

Executive Director, Transportation Authority

Tilly Chang serves as Executive Director of the San Francisco County Transportation Authority. The Transportation Authority's mission is to make travel safer, healthier, and easier for all.

Ms. Chang oversees the Transportation Authority's administration of the voter-approved half-cent transportation sales tax and other funding programs. She also leads the agency's county congestion management functions including long-range planning for San Francisco's multi-modal, multi-operator transportation network.

Ms. Chang serves as Chair of the Transbay Joint Powers Authority's Peninsula Rail Program Executive Steering Committee and on the boards of the Intelligent Transportation Society of America, the California Transportation Foundation, and SPUR.

Ms. Chang was named 2019 Woman of the Year by the San Francisco chapter of WTS and in 2015 the San Francisco Business Times named her one of the Bay Area's Most Influential Women.

Prior to the Transportation Authority, she held posts with the World Bank, Metropolitan Transportation Commission, and a wireless technology startup. She is a graduate of UC Berkeley and M.I.T.

Contact information

[Email Tilly Chang](#)

[@tilly_chang](#)

Kimberly Clark
Urban Planner
Southern California Association of Governments (SCAG)

Kimberly Clark is an Urban Planner at the Southern California Association of Governments (SCAG), and specializes in climate adaptation, geographic information systems (GIS), and interactive data visualization. As a public agency, SCAG works with various regional partners to develop long-range transportation, housing, and sustainability plans that transcend jurisdictional boundaries and improve the quality of life for Southern Californians. In her current work, Ms. Clark leads SCAG's Climate Adaptation Framework project, and SCAG's Resource Conservation & Resilient Communities program. Ms. Clark holds an undergraduate degree in political science from University of California, Riverside and a Master's degree in urban planning from UCLA.

Michele DiFrancia, AICP

Business Development Director

Michele DiFrancia is Business Development Director with Parsons where she leads business development in Northern California, including roads, highways, bridges, tunnels, rail and transit. Over her career, she has managed transit projects, multimodal transportation studies, and served as program manager on the \$6.4B New East Span of the San Francisco-Oakland Bay Bridge. Michele is a Certified Planner and holds a master's degree in Urban Planning and a BA in Sociology, both from UCLA. She is a Past President of WTS-San Francisco Chapter and is also active with many professional organizations including TRB, CTF, ACEC, and CMAA. She is passionate about making our communities more livable and sustainable through investments in infrastructure, particularly in public transportation and transit-oriented development. In her spare time, she spends time playing and enjoying the outdoors with her six-year old twins.



YEARS OF EXPERIENCE

Total: 22

With Parsons: 1.5

EDUCATION

- Master of Art, Urban Planning, University of California, Los Angeles
- Bachelor of Art, Sociology, University of California, Los Angeles

REGISTRATIONS

- AICP, 023671

CERTIFICATIONS/AFFILIATIONS

- President, Parsons Women's Roundtable (PWR)
- Member, Parsons Diversity, Equity & Inclusion (DEI) Council
- Past President, Women's Transportation Seminar (WTS) San Francisco Chapter
- Member, American Council of Engineering Companies DEI Committee (ACEC-CA)
- Member, American Planning Association (APA)
- Member, American Public Transportation Association
- Member, Congress of Minority Transportation Officials (COMTO-San Francisco)
- Member, Construction Management Association of America (CMAA Northern CA)
- Member, San Francisco Bay Area Planning and Urban Research Association (SPUR)
- Member, Transportation Research Board (TRB) – AEP10 Committee on Metropolitan Policy & Planning



MALCOLM DOUGHERTY, Sr. Vice President

West Regional Director, Michael Baker Intl.

Malcolm Dougherty has 30 years of transportation industry experience and serves as the West Regional Director at Michael Baker International. In this role he oversees all operations throughout California, Arizona, Nevada, and Washington. Malcolm joined the company in 2018 as the National Practice Leader for Transportation and most recently served as National Practice Executive, leading the team of National Practice Leaders. Prior to joining Michael Baker, Malcolm served as the Director of Caltrans, the Department of Transportation for the State of California, where he was responsible for the maintenance and operations of the State Highway System and a Capital Delivery Program of \$11.4 billion. Prior to his appointment to Director, he served as Chief Deputy Director and Chief Engineer. Malcolm's extensive, demonstrated hands-on experience and the collaboration he's forged with Departments of Transportation across the country make him an invaluable member of our Strategic Leadership Team. In addition, his work with governments and on mega-projects, smart infrastructure projects and providing national leadership in emerging technology such as connected and autonomous vehicles make him an incredible expert resource.

Malcolm has also held numerous industry leadership roles, including: Member (Past Chair) of the ITS America Board of Directors; member of the American Society of Civil Engineers (ASCE); a past Chair of the Transportation Research Board's (TRB) Executive Committee; past Chair of the American Association of State Highway and Transportation Officials (AASHTO) Committee on Construction; past Chair of the Toll Bridge Program Oversight Committee; and is a past President of the Western Association of State Highway and Transportation Officials (WASHTO).

Chad Edison was reappointed Chief Deputy Secretary for Rail and Transit in September of 2019, where he served as Deputy Secretary for Transportation since 2014. His primary emphasis is on the development and integration of California's current and future rail and transit network. He is responsible for developing statewide rail plans and programs, as well as the Transit and Intercity Rail Capital Program. He also serves on the States-Amtrak Intercity Passenger Rail Committee.

Edison served as Transportation Industry Analyst at the Federal Railroad Administration from 2010 to 2014. He was a Senior Consulting Manager, Consulting Manager and Senior Transportation Consultant at AECOM from 2001 to 2010 and held several positions at the National Railroad Passenger Corporation (Amtrak) from 1996 to 2001, including Senior Manager of Financial Analysis.

Edison earned a Master of Public Policy degree in international trade and finance from the University of Michigan.

BIO
Martin Engelmann

Martin has 40 years of transportation planning and engineering experience. He began his career at Bechtel, Inc. in San Francisco, working on airport and highway design. After 8 years at Bechtel, he then joined the Contra Costa Transportation Authority (CCTA) in Walnut Creek, CA, where he served as Deputy Executive Director for 29 years. After retiring from public service, Martin joined Stantec, Inc. in Walnut Creek, where he currently serves as Transportation Planning Manager.

Martin has expertise in transportation corridor planning, analysis, modeling, and operations. He oversaw numerous corridor studies for the freeways and transit lines throughout the San Francisco Bay Area. He was the project manager for the State Route (SR) 239 feasibility study, and oversaw conceptual planning and design studies for US 101, SR 85, SR 237, I-80, I-680, and SR 4. While at CCTA, he delivered and implemented a cutting-edge growth and congestion management program through a complex multi-jurisdictional cooperative planning process involving planners and engineers from 25 different entities.

Martin's undergraduate work includes a BA in Economics and a BS in Civil Engineering from the University of Maryland. He served as a Research Assistant at the Institute for Transportation Studies while attended graduate school at UC Berkeley, receiving an MS in Transportation Engineering in 1980.

Oct. 25, 2021

DIANA GOMEZ

District 6 Director, California Department of Transportation (Caltrans)

Diana Gomez currently serves as the Caltrans District 6 Director where she oversees the State Highway system in Fresno, Madera, Kings, Tulare and Kern counties. She has full responsibility for all department program functions and activities within the District and is responsible for the administration and operation of the Caltrans programs.

Prior to her appointment as District 6 Director in July 2020, Diana was a member of the Executive Team at the CA High-Speed Rail Authority from 2013-2020. There she served as the Central Valley Regional Director working to bring the first high-speed electric passenger operations to California. As the Regional Director, she was responsible for ensuring the high-speed rail project in the Central Valley continued forward on the planned schedule and budget by developing and maintaining relationships with local residents, policy makers and consultants and by building strategies for communicating with local advocates.

Prior to her appointment at CA High-Speed Rail Authority, Diana developed over 25 years of transportation experience with Caltrans. While at Caltrans, she served as a Senior Transportation Electrical Engineer and Chief for the offices of Traffic Management and Systems Management Operations. In 2011, Diana was appointed as the Caltrans District 7 Deputy District Director of Traffic Operations.

Diana earned a bachelor's degree in electrical engineering at California State University, Fresno. She is also a registered Electrical Engineer and a Certified Project Manager.

Tim Haile

Executive Director, Contra Costa Transportation Authority



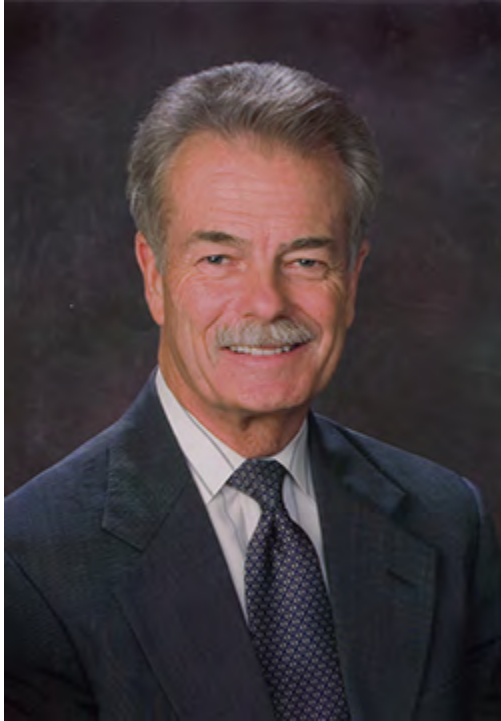
Tim serves as the Authority's Executive Director.

Haile is responsible for the overall management of the Authority, including implementation of projects and programs identified in CCTA's voter-approved sales tax Measure C and Measure J, the Growth Management Program, the Congestion Management Program, as well as policies and procedures, the board-approved budget, and all administrative functions. He previously served as CCTA's Deputy Executive Director, Projects and has more than 23 years of experience in program management, public works, and transportation projects.

Haile has been an active leader in the transportation industry and community, serving as the Communications Chair of the Transportation Research Board Managed Lanes Committee and Board Member of the California Transportation Foundation. In 2014, he was named one of the "Top 20 under 40 Engineering Professionals in California" by Engineering News Record Magazine.

Tim joined the Authority in May 2017 bringing more than twenty years of experience in transportation program and project management. He is a registered Professional Engineer and earned his Bachelor's Degree in Civil Engineering from California Polytechnic State University, Pomona.

Tim Hayes, PE, is a Vice President of Psomas with 28 years of experience working on transportation projects. His experience includes the planning and design of infrastructure and transportation improvements for local agencies throughout California as well as for Caltrans and FHWA.



Retired Transportation Executive

Transportation innovator and manager, Will Kempton, has dedicated more than 47 years of experience to transportation, public service and government affairs. Mr. Kempton recently came out of retirement to serve as the Executive director of the Sacramento Transportation Authority, where he was focused on the development and management countywide transportation sales tax program.

Preceding his brief retirement, Mr. Kempton recently served as Executive Director of Transportation California; an industry-based transportation advocacy group dedicated to the advancement of California's transportation program. Transportation California has worked for years to increase funding for the state's ailing transportation infrastructure and was a leader in the effort to pass Senate Bill 1 which was approved by the Legislature and signed by the Governor in early 2017.

Prior to his stint with Transportation California, Mr. Kempton served as Executive Director of the California Transportation Commission (CTC), responsible for advising and assisting the Legislature and the Administration in the development of transportation policies and plans for California, initiating and developing state and federal legislation to secure funding for the state's transportation needs and facilitating the programming and allocation of funds for highway, passenger rail, transit and active transportation improvements throughout California.

Throughout Mr. Kempton's career, he has moved between public and private posts, starting with the California Department of Transportation (Caltrans) in 1973. In 1985, Mr. Kempton assumed the role of Executive Director of the Santa Clara County Traffic Authority, managing its billion-dollar highway sales tax construction program, the first of its kind in the state.

In 1992, Mr. Kempton became a partner in Smith, Kempton & Watts, a Sacramento advocacy firm where he consulted in programs and policies to enhance the effectiveness of public and private resources. In 2004, he was appointed by Governor Schwarzenegger as the Director of Caltrans, overseeing an annual operating budget of more than \$13.8 billion and 22,000 employees. He served in this capacity for five years before taking over as the Chief Executive Officer of the Orange County Transportation Authority, a countywide transportation agency responsible for county transit services and management of the local half-cent sales tax program.

Will has a Bachelor of Arts degree in Political Science from the University of San Francisco and completed graduate studies in Government and Public Administration at California State University, Sacramento. He resides in Folsom, California with his wife Beverley.



Parag G. Mehta, P.E.

Civil Engineer/Transportation

Parag is a professional engineer with more than 31 years of experience delivering highway projects for local agencies throughout Northern California. He has spent his career meeting and exceeding client expectations and has earned a reputation for his understanding of the project development process and his managerial and technical skills in delivering innovative solutions. He has a deep commitment to improve transportation corridors, provide facilities that enhance regional and local circulation for all modes of transportation, and provide solutions that are equitable in supporting local communities.

His leadership experience includes working on highway corridors involving multiple agencies and establishing successful stakeholder relationships to build consensus on innovative highway improvements. Parag respects all phases of implementing projects from planning and environmental through design and construction. Parag is adept at managing planning, design, and construction phases of various highway improvement projects. This experience involves interchange improvements, roadway design and feasibility studies, conceptual and preliminary engineering, construction document preparation, and construction phase design support.

Parag is an experienced manager of both people and projects; he truly enjoys working in a team-based environment and strives for a collaborative approach to the management of project conceptualization, developments, and approval.

Meghan Mitman, AICP, RSP²¹, is a Principal and Shareholder at Fehr & Peers. She is the Regional Principal-in-Charge for the San Francisco Bay Area Region. Meghan specializes in multimodal safety policy, planning, and design, with more than 19 years of experience managing projects and teaching safety courses for local, state, and federal clients. She focuses her practice on implementing the Safe System approach in support of Vision Zero through data-driven, community-oriented, and equity-first strategies.

Meghan has served on numerous national research panels and advisory committees and has authored journal articles and national guidance documents focusing on user behavior and countermeasure use and efficacy. She was an author of the ITE Recommended Practice on Accommodating Pedestrians and Bicyclists at Interchanges, the ITE/Vision Zero Network Core Elements of Vision Zero National Benchmark, the ITE Curbside Management Practitioners' Guide, the multi-award winning California Complete Streets Safety Assessments Technical Guidebook, and the recent FHWA report Integrating the Safe System Approach with the Highway Safety Improvement Program.

Meghan is the current Chair of the ITE Safety Council, the founding chair of the ITE Complete Streets Council, and a member of the TRB Pedestrians Committee. She was invited to participate as a member of the Safe System Consortium, a group of international experts convened by Johns Hopkins University School of Public Health and the Institute of Transportation Engineers that developed guidance to advise the Biden Administration and Congress on Safe System.

BOB MORRISON, PE

PRINCIPAL-IN-CHARGE



Bob has extensive project management experience spanning over 30 years in both the public and private sectors. As a registered Civil Engineer, Bob's complete understanding of the project development process allows him to better streamline project delivery through proper planning, cost saving and time saving measures, and risk mitigation strategies. Bob has an understanding of the entire project development process and is well versed on all aspects of right-of-way. He leverages his experience to provide his clients with viable, innovative and effective solutions.

30 YEARS EXPERIENCE

EDUCATION

MASTER
Business Administration,
California State University
Sacramento, CA

BACHELORS
Civil Engineering, Tufts
University, Medford, MA

LICENSES

CIVIL ENGINEER
State of California
CA#52617

REAL ESTATE BROKER
State of California
CA#01144860

AFFILIATIONS

IRWA
International Right-of-Way
Association

WTS
Women's Transportation
Seminar

FUN FACT!

When Bob isn't noodling an innovative delivery strategy for his clients, he is sailing the waters of Lake Tahoe. A baseball enthusiast, he enjoys ball games with his boys and travel abroad.

PROJECT EXPERIENCE

RIVERFRONT STREET EXTENSION PROJECT

City of West Sacramento | West Sacramento, CA | 2019 - Ongoing

Monument is working with the City of West Sacramento to deliver the Riverfront Street Extension Project. This grant funded project extends Riverfront Street and widens 5th Street under US-50 along the City of West Sacramento's Waterfront. The project includes acquisition of 10 parcels, 5 of which are part of a larger development agreement. Bob crafted an innovative strategy to meet the FHWA right-of-way requirements while still honoring the terms of the development agreement. As a result, Monument was able to save the City of West Sacramento over half of the consulting fees other firms were proposing to acquire the right-of-way.

I STREET BRIDGE REPLACEMENT PROJECT

City of West Sacramento | West Sacramento, CA | 2021 - Ongoing

Monument is part of the project team responsible for delivering the real property portion of this new bridge crossing over the Sacramento River between the City of Sacramento and the City of West Sacramento. This federally funded project includes right of way acquisition on both sides of the river, with each local agency taking the oversight of the right of way efforts within their jurisdiction.

SACRAMENTO AREA FLOOD CONTROL LEVEE IMPROVEMENT PROJECTS

Sacramento Area Flood Control Agency | Sacramento, CA | 2007 - Ongoing

As Right-of-Way Program Manager, Bob is responsible for the delivery of over 350 parcels in support of SAFCA's \$1.8 Billion Levee Improvement Program. Previously, Bob was instrumental in successfully delivering SAFCA's Natomas Basin Project and was charged with developing the right-of-way implementation plan, capital cost estimates, and delivery schedule to support this critical initial phase of SAFCA's overall levee improvement program. In addition, Bob's responsibilities included coordinating efforts with the California Department of Water Resources and managing the functional disciplines to support the right-of-way delivery consisting of appraisal, negotiations, relocation, title, environmental, and escrow closings.

CALIFORNIA HIGH-SPEED RAIL PROJECT

California High-Speed Rail Authority | Fresno, CA | 2009 - Ongoing

Bob and other Monument staff were responsible for project execution including scope definition, cost analysis, schedule development and delivery of over 1,500 appraisals, appraisal reviews, 120 property acquisitions and relocations, and over 60 eminent domain submittal packages. Major right-of-way was required for the project and the Monument team members were responsible for negotiating with property owners and coordinating with the contractor, Caltrans

BOB'S PROJECT EXPERIENCE CONTINUED

District 6, CHSRA staff, and Department of General Services.

The right-of-way process for the High Speed Rail was initially bogged down in bureaucracy. Many of the state agencies involved in the right-of-way process were not prepared for the amount of parcels and approvals necessary to acquire the right-of-way. Bob was instrumental in defining the process, and working with each of the agencies to streamline their approvals. As the project advanced, Bob was instrumental in developing the project priorities and working with CHSRA management to push for most expedited delivery. Some of the delivery tools used to expedite the delivery included issuing a Notice of Decision to Acquire early in the right-of-way process.

CAPITAL SOUTHEAST CONNECTOR PROJECT

Capital Southeast Connector JPA | Mather, CA | 2017 - 2018

Bob was responsible for managing the scope, costs and schedule for the right-of-way phase of the project. He was responsible for the right-of-way plan for this new 20 mile facility. The streamlined right-of-way program that Bob developed allowed the JPA to award its first construction contract in 2019. Bob presented the right-of-way impacts for the project to the JPA board, and guided the board through the right-of-way process in a closed session. He also assisted the JPA board on settlement negotiations with owners in multiple closed sessions.

STATE ROUTE 88 @ PINE GROVE IMPROVEMENTS

San Joaquin Council of Governments | Stockton, CA | 2017 - 2018

This project included coordination with Caltrans District 10 and Mark Thomas Company. As Principal-in-Charge, Bob was instrumental in developing the scope, cost, and schedule for the SR-88 Improvements in Pine Grove. One major area of concern was how to best coordinate the right-of-way activities at the Pine Grove Elementary School. The major concern was travel delays on SR-88 when school was dismissed. Bob worked with the Mark Thomas team to identify potential solutions that helped improve safety at the school and reduce congestion.

STATE ROUTE 4 EXTENSION PROJECT

San Joaquin Council of Governments | Stockton, CA | 2011 - 2014

This project included major Caltrans District 10 coordination. As Principal in Charge, Bob was instrumental in developing a right-of-way delivery program with SJCOG in partnership with Caltrans. This consisted of an integrated team of consultants and Caltrans staff to deliver the right-of-way as one team. Bob developed the project Charter that clearly outlined who was responsible for what and who the key stakeholders were in the process.

BOB AT A GLANCE



CALTRANS AND
ENGINEERING
EXPERIENCE



MASTER OF PROJECT
CONTROLS



INNOVATIVE TEAM BUILDER



EXPERT IN FEDERAL AND
STATE LAW



EXPERIENCED IN MAJOR
TRANSPORTATION
PROJECTS

DANIEL NUTTER, PE, LEED AP, ESQ.

SENIOR ENGINEER / GROUP MANAGER



EXPERIENCE

Dokken Engineering

- Senior Engineer/Group Manager

City of San Diego

- Deputy City Engineer

AECOM/URS

- Senior Engineer

EDUCATION

Juris Doctor

University of San Diego

BS Civil Engineering

Cal Poly San Luis Obispo

REGISTRATION

California Professional Civil Engineer,
#C76641

California Bar, #279910

LEED Accredited Professional

AFFILIATIONS

American Society of Civil Engineers (ASCE)

American Public Works Association (APWA)

American Bar Association

AREAS OF EXPERTISE

- ▶ Project Management
- ▶ Project Delivery
- ▶ ADA Accessibility
- ▶ Pavement Rehabilitation
- ▶ Local Road Design
- ▶ Water Quality/MS4 Permit
- ▶ Complete Streets
- ▶ Multi-use Paths
- ▶ Cost Estimating
- ▶ Project Reports
- ▶ Scheduling
- ▶ Constructability Reviews
- ▶ Grant Funding
- ▶ Highway Bridge Program



Dan Nutter is a Senior Engineer/Group Manager with Dokken Engineering in their San Diego office where he specializes in managing large-scale public works infrastructure projects.

Prior to joining Dokken Engineering, Mr. Nutter was a Deputy City Engineer for the City of San Diego where he managed nearly half a billion dollars in infrastructure projects. These projects ranged from large-scale bridge replacement projects to roadway widening projects to roundabouts to complete streets improvements. While at the City of San Diego, Mr. Nutter was instrumental in contributing to and furthering many of the agency's design guidelines and standard operating procedures.

Mr. Nutter has experience in a wide range of projects. His areas of expertise are in project management, preparation of PS&E packages, roadway geometric design, storm drain and water quality development, constructability reviews, ADA accessibility, multi-modal design, utility design, general site design, construction staging, and traffic handling. He has led both local agency and Caltrans projects through the Project Study Report approval, Project Report/Environmental Document approval, and through the preparation of Final Plans, Specifications and Estimate (PS&E) stages.

Mr. Nutter has a unique mix of public and private sector engineering experiences mixed with a strategic legal background that bring a common-sense and community-driven approach to project management and community development.





DR. LUIS A. PORRELLO, P.E.



Luis brings more than 20 years of experience to his role as Development Director for WSP USA's West Region.

Through his project assignments he has provided technical direction to the traffic analysis and intelligent transportation system components of some of the nation's largest transportation infrastructure programs.

Through his management experience he has provided leadership to the development and operational effectiveness associated with local, regional, and national geographies for three Top 25 Engineering News Record ranked transportation firms.

Luis earned a Bachelor of Science degree in civil engineering, a Master of Science in international project management and finance, and Master of Science and Doctor of Science degrees in transportation and urban systems engineering.

Demonstrating a lifetime commitment to learning, he is passionate about professional development and the mentorship of the next generation of civil engineers. For this purpose, Luis serves on the Board of Directors of the California Transportation Foundation.

Luis lives in Laguna Niguel, California, with his wife Stephanie and their children James and Sarah.

DINA POTTER, PE
VICE PRESIDENT

1111 Broadway, 9th Floor
Oakland, CA 94607
T 415.505.7468
E dpotter@hntb.com



Professional Experience:

Dina has more than 30 years of experience leading large-scale transportation projects in California and Florida. As Delivery Officer for HNTB, she works with office leaders and project teams to oversee all aspects of project delivery across California, Arizona, New Mexico, Hawaii, and Nevada. She is also leading the consultant team supporting Caltrans' Last Chance Grade project to develop a permanent replacement for a section of Hwy 101 impacted by multiple landslides. Dina previously led development for Northern California achieving record sales.

Dina is passionate about bringing young people into the transportation industry.



LEO RUBIO, PE



TITLE

President and CEO

PROFESSIONAL REGISTRATION

Civil Engineer, CA 56895

EDUCATION

Bachelor of Science Civil
Engineering, California State
University, Sacramento

PROFESSIONAL AFFILIATIONS

American Public Works
Association

American Council of Engineering
Companies

Bennett Engineering Services
1082 Sunrise Avenue, Suite 100
Roseville, CA 95762
(916) 783-4100
www.ben-en.com

LEO RUBIO

has more than 28 years of transportation engineering experience, including 16 years building the transportation design services group with Bennett Engineering Services (BENIEN) and more than 12 years of work at Caltrans as a project manager and design senior engineer. Leo has worked with cities, counties, local transportation planning agencies, local interest groups, and landowners to resolve complicated issues on projects.

Leo has extensive experience processing federally-funded transportation projects through Caltrans. While at Caltrans, he was responsible for managing multi-million dollar projects in District 3, requiring close coordination with Caltrans project delivery staff, local agencies, regulatory agencies, and consultants. During his time there, he developed strong working relationships with Caltrans staff that he has maintained since his departure. Leo's relationships combined with his in-depth understanding of Caltrans policies and procedures greatly facilitate the state and federal funding process.

His experience includes working with and delivering projects for public agency clients such as the Cities of Sacramento, Elk Grove, Citrus Heights, Lincoln, Roseville, West Sacramento, Rancho Cordova, Davis, and Rocklin, Yolo County, Placer County, as well as University of California, Davis, and local transportation planning agencies, including, but not limited to PCTPA, SACOG, and BCAG.

Leo is active in the community, serving on the board of La Familia Counseling Center in Sacramento and mentoring high school and college students interested in engineering careers. Outside of work Leo enjoys fine dining and foreign travel, early morning work outs, and spending time with his family.

BEN|EN

CELEBRATING
2021 BEST FIRMS TO WORK FOR

Matt Salveson is a transportation engineer with Wood Rodgers, headquartered in Sacramento. He has over 30 years of experience since he graduated from UC Davis in 1991. He has a Ph.D. in Civil Engineering and served as a full-time professor at Sacramento State for 6 years. Matt continues to teach the civil engineering senior project class there each semester.





Chris Sewell, P.E., QSD/P, Associate Vice President/Supervising Engineer at HDR|WRECO

Mr. Sewell has 25 years of experience working on HDR|WRECO's projects involving drainage, water supply issues, and hydraulic modeling of rivers and floodplains. Some of his noteworthy projects include the Interstate 680/80/12 Interchange Project in Solano County, BART SVBX extension to San Jose, various repair projects in Napa County following the 2017 storms, the Miller Dam Repair Project in Yuba County, and the State Route 128 Bank Protection and Restoration Project in Sonoma County; all of which received accolades for design. He was also involved in the analysis and assessment of large-scale reservoir fertilization and restoration programs for fisheries improvement. In addition, Mr. Sewell developed and expanded a versatile GIS/GPS-based inventory system used in pilot testing of highway information databases.

As Supervising Engineer/Office Manager for WRECO's Walnut Creek office, he helped grow the company into a recognized provider of innovative solutions in civil engineering, environmental compliance, geotechnical engineering, and water resources. He is current working to smoothly integrate the WRECO business group into HDR Inc., following the recent acquisition of WRECO by HDR.

Mr. Sewell received his bachelor's degree in Civil and Environmental Engineering from the University of British Columbia in 2000, and is a certified Professional Engineer and Qualified SWPPP Developer and Practitioner.



Eric C. Shen, PE, PTP, CPE
Director of Capital Projects/Chief Engineer
San Gabriel Valley Council of Governments
4900 Rivergrade Road, Suite A120
Irwindale, CA 91706
eshen@sgvcog.org

Eric Shen serves as Director of Capital Projects/Chief Engineer in the San Gabriel Valley of Governments (SGVCOG), a regional government in the Los Angeles County. With more than two decades of senior/executive management experience, Eric is responsible for implementing a wide spectrum of programs/projects under the guidance of the Governing Board and Executive Director.

An expert in transportation engineering and planning, Eric is known for his engaging leadership and collaborative spirit. He oversees the delivery of many capital projects, including the on-going design and construction of five grade separation projects under the Alameda Corridor East (ACE) Program, the right-of-way and construction of the SR-57/60 Confluence Chokepoint Relief Program, and the design and implementation of the Rio Hondo/San Gabriel River Load Reduction Strategy. Eric also serves as technical advisor in numerous regional, state and federal collaboratives.

Prior to joining SGVCOG, Eric served as the Mid-Pacific Gateway Office Director, Maritime Administration (MARAD) of the U.S. Department of Transportation (USDOT). Eric was responsible for delivering federal assistance to 16 port authorities and 25 commercial deep-water and river ports in five Western States and three U.S. territories. During his tenure at the Port of Long Beach, Eric successfully negotiated a multi-agency agreement to fund the Gerald Desmond Bridge Replacement Project.

Currently Eric is an At-Large WTS-LA Board Director. He was previously appointed by the Transportation Research Board of the National Academy of Sciences as a member on the Technical Activities Council (TAC), the Marine Group Chair and the Ports & Channels Committee Chair.

Eric is a registered Professional Engineer in Alabama and California (Civil), a Professional Transportation Planner (PTP), and a Certified Port Executive (CPE). Appointed by the University of Southern California (USC) as Adjunct Associate Professor of Civil and Environmental Engineering of Practice, Eric teaches courses in the Viterbi School of Engineering and the Sol Price School of Public Policy. He serves as the Institute of Transportation Engineers (ITE) USC Student Chapter faculty adviser. Eric is regularly invited to lecture at other universities, professional and community organizations. Eric received a BSCE with honors and a MSCE from University of California, Irvine.

Zach Siviglia, PE, QSD

Zach Siviglia is President & CEO of Mark Thomas, a multidisciplinary engineering firm with 270 employees in eleven offices throughout California. Mark Thomas primarily serves the transportation market, but also works with utility, water & wastewater infrastructure, parks and recreation, and municipal clients. As President & CEO, Zach is responsible for the strategic direction of the firm, as well as overall firm profitability, quality delivery, client service, and employee satisfaction. In addition to his corporate responsibilities, Zach is also an active project manager. He works with key clients to deliver strategic and complex improvements to transportation facilities. Zach is passionate about developing young engineers – providing mentoring and guidance to improve their technical skills and progress through their careers. Zach holds a BS in Civil Engineering and is a registered Professional Engineer and certified Qualified SWPPP Developer.

Dianne Steinhauser has over 40 years managing transportation in the San Francisco Bay Area. For the past two years, following her public service retirement, she has established her own consulting firm and works as a strategic advisor and project management support for transportation agencies. For the prior 12 years, as Executive Director of the Transportation Authority of Marin, Dianne managed Marin County's half-cent transportation sales tax, successfully leading its 30 year renewal in 2018 through voter approval. Dianne also managed the development of Marin County's \$10 Vehicle Registration Fee increase for transportation, which was successfully passed by voters in November 2010. Both local revenue measures enabled unique local needs to be met, such as Marin's successful Safe Routes to School Program, Alternative Fuels/ Electric Vehicle Program, Senior Mobility Management, and employer/employee support as well as funds for complete streets and bike/ped path maintenance. Dianne was able to use local funds in combination with federal, state, and regional funds to meet Marin's transportation needs.

Dianne has a robust background in funding and finance, consensus getting, and engineering management which provides tremendous benefit to her clients. Dianne started her career at Caltrans, where for 20 years as a Professional Civil Engineer, she rose from a construction inspector to Deputy Director managing the activity of 6 Bay Area counties. She is well versed in Project Management and Environmental Management. Dianne attributes her professional success to her MTC experience as well, where she spent nearly 5 years as the Manager for Programming and Allocations. Dianne added to her engineering technical background with a vast array of knowledge about fund sources, legislative process, and planning. Dianne uses all these tools in her successful practice.

Tad Widby brief bio

Tad is an urban and regional planner with extensive experience in transportation, water resources, comprehensive planning, finance, and institutional arrangements.

He serves on the Board of Directors of Environmental Science Associates, an environmental firm with offices in California, Oregon, Washington, and Florida.

His consulting experience includes nearly three decades at Parsons Brinckerhoff, now WSP. He also worked at HNTB. His consulting experience includes project management, strategic planning, business development, and unit management. He led metropolitan and state transportation plans, managed lane projects, transportation demand management plans, and corridor studies in about 15 states, including California, Hawaii, Arizona, Idaho, North Carolina, Georgia, New Jersey, and Delaware, among others.

Tad led development of Parson Brinckerhoff's 2001 strategic plan. He also served as the firm's marketing manager for the Western US and, later, the Great Lakes area. He managed the pursuit of well over 100 projects (e.g., infrastructure design, program management, express lane planning, flood control finance, etc.).

He worked in local government in Michigan and regional planning agencies in Massachusetts and California. In the 1970s, Tad was the Deputy Director of Transportation Planning for the Southern California Association of Governments. There, he led development of the first regional transportation plan for southern California and was a partner in development of the first high occupancy vehicle lane plan for the region. In his southeastern Massachusetts role, he helped form regional transit authorities for the New Bedford and Fall River areas.

Tad led Commuter Transportation Services, Inc. (better known as Commuter Computer) in the 1980s. The organization helped employers develop employee commute plans and services for about 1,500 worksites for carpooling, vanpooling, transit, alternative work arrangements, telecommuting, and more. A highlight of that role was helping employers prepare for their employee's commutes during the 1984 Olympics.

He is a graduate of the University of California at Riverside.

Michelle Stewart



Michelle Stewart, Senior Manager, Special Projects leads Metrolink's planning efforts to transition to zero emissions and prepare the agency's maintenance facilities for the future. Michelle recently managed the installation of a sound barrier, as part of a pilot program at Metrolink's Central Maintenance Facility. In addition to project management and conducting planning studies, Michelle works to pursue funding to support fleet and facilities investments which will be critical to Metrolink's future.

Michelle has 10 years of public transportation and goods movement experience. Before taking on her current role, Michelle worked for the Port of Long Beach as a Port Transportation Planner responsible for pursuing and managing grant funding, advancing Port intelligent transportation system projects as well as performing bicycle planning. Michelle also worked at a Transportation Planner and Assistant Administrative Analyst at Metro in Transit Operations and Board Relations.

Michelle earned a Bachelor of Arts degree in Political Science from the University of California, San Diego and a Master of Public Policy degree from the University of Southern California. Michelle also holds a Project Management Professional certification.

Rachel Coburn Vandenberg, PE
Senior Vice President
Dewberry
100 Oceangate, Suite 400
Long Beach CA 90802
562.350.0567
rvandenberg@dewberry.com

Rachel Vandenberg is a senior vice president and West region operations manager for Dewberry Engineers Inc. Based in Long Beach, California, Rachel is responsible for assuring the delivery of responsive, quality professional services by Dewberry's engineering teams in California and Colorado and provides strategic direction for the company's port and rail activities nationwide.

Rachel has more than 30 years of experience providing strategic planning, engineering, and project management for transportation of people and goods across multiple modes. Her professional background includes the management of technical and financial studies, performance metrics, environmental analysis, design, and program delivery of rail, transit, ports, and highway projects. She has managed relationships with a diverse client base that includes Class I railroads, port authorities, state departments of transportation, regional transportation agencies, cities, private terminal operators and developers. Rachel has provided leadership for development of major transportation investments in California, such as the Metrolink Commuter Rail System, Metro Expo Light Rail, California High Speed Rail, and the Alameda Corridor, and for additional rail projects across the country.

Rachel earned her B.S. in civil engineering from the University of California at Berkeley and M.B.A. from the Anderson School at UCLA. Rachel is a licensed professional engineer (civil) in California, Florida, Idaho, Louisiana, Nevada, North Carolina, and Washington. A past CTF board member, Rachel currently serves on boards for FuturePorts and for the Coalition for America's Gateways and Trade Corridors.

JEFF WATSON, PE, PMP

Vice President, Northern California Office Leader, HNTB Corporation



Jeff Watson serves as HNTB Corporation's Northern California and Nevada office leader, based in the firm's Oakland office. In this role, Watson leads more than 150 multidisciplinary transportation infrastructure and architecture professionals in the firm's offices in San Jose, Oakland, San Francisco, and Las Vegas. Employees deliver aviation, toll, highway, transit, rail, planning, program/construction management, tunneling and other services to clients in this region.

Jeff has more than 30 years of civil engineering experience which includes office management, project management and program management. He has managed multi-discipline projects for a wide range of clients from across the country with a focus in the transportation industry. He is currently licensed in four states (CA, NV, PA, TX) and has experience in the planning, design, and construction.



Albee Wei, PTP

Transportation Planner

ABOUT

Albee Wei is a Transportation Planner in Fehr & Peers' Sacramento/Roseville office. She has a Master of Science in Transportation Technology and Policy from University of California, Davis. As part of her studies, she conducted research at the National Center for Sustainable Transportation (NCST). At Fehr & Peers, Albee focuses on multi-modal transportation planning. She has served as the project manager or technical task leader for infrastructure projects, land use planning studies, general plans, and corridor plans across northern California.

EDUCATION

Master of Science, Transportation Technology & Policy, University of California, Davis, 2018

Bachelor of Science, Environmental Science & Management, University of California, Davis, 2013

EXPERTISE

- Transportation Impact Analysis
- Traffic Operations Analysis
- Travel Demand Forecasting
- Traffic Operations & Simulation
- SB 743 / Vehicle Miles Traveled (VMT)

Bio - Mark Zabaneh, PE

Mark Zabaneh is an experienced transportation executive with more than 34 years of professional engineering experience. He is an innovative leader with in-depth knowledge in strategic planning and delivery of large, complex infrastructure programs.

Mark is a graduate from the University of Texas at Austin with a B.S. degree in Civil Engineering. He is a licensed Civil Engineer in the State of California.

Mark currently is a Vice President with Gannett Fleming. He leads Gannett Fleming's transportation services in California, supporting roadway, transit and rail, facilities, construction management and consulting services. Gannett Fleming is a national full-service engineering firm with more than 2600 employees and 60 offices in the US and Canada

Prior to joining Gannett Fleming, Mark served as the Executive Director for the Transbay Joint Powers Authority (TJPA) responsible for the implementation of the Transbay Transit Center Program, a visionary transportation and housing project that has transformed downtown San Francisco and the San Francisco Bay Area's regional transportation system by creating the Salesforce Transit Center in the heart of a new transit-friendly neighborhood. The Transbay Transit Center Program is approximately a \$6.3 billion public infrastructure investment that replaced the former Transbay Terminal with a modern regional transit hub connecting eight Bay Area counties and the State of California through 11 transit systems. These include Caltrain, BART, and future High-Speed Rail from San Francisco to Los Angeles. The first phase of the program, which has been completed in 2018 and is currently in operation, is a \$2.259 billion project that created a new five-story transit center (Salesforce Transit Center) with a 5.4-acre roof top park, one above-grade bus level, ground-floor, concourse, and two below-grade rail levels serving Caltrain and future California High-Speed Rail. The second phase of the program, which Mark environmentally cleared, is approximately a \$4 billion project that will bring underground Caltrain and future High-Speed Rail from the current Caltrain terminus at the 4th and King Station to the Salesforce Transit Center.

Prior to joining the TJPA, Mark worked for 26 years for the California Department of Transportation (Caltrans) in the San Francisco Bay Area. He served as the Deputy District Director for Program/Project Management and was in charge of the delivery of Caltrans' multi-billion-dollar capital program for the nine San Francisco Bay Area counties.

Mark helped delivered many transformative projects, including the Salesforce Transit Center, 4th Bore of the Caldecott Tunnel, the Trestle Widening of the San Mateo Hayward Bridge, and the Interstate 880/State Route 92 Interchange in the City of Hayward.

Mark also negotiated a \$110M, 25 year naming rights agreement with Salesforce.com for the Salesforce Transit Center, which is a unique agreement for a transportation facility.

Attendee: Aron Zerezghi, Project Manager

Company: Gray Bowen Scott (GBS)

Geography: Aron is located in the Bay Area

Biography: Aron is a diverse transportation engineer with fourteen years of experience successfully leading and coordinating the completion of multi-discipline planning and design projects. Aron possesses a comprehensive technical understanding of standard engineering practices for Local, State and Federal Agencies. His project experience spans across the country with expertise in the areas of highway/roadway design, rail and transit, and intelligent transportation systems (ITS) for traditional and alternative project delivery. Aron holds a Bachelor of Science in Civil Engineering from Pennsylvania State University, State College PA.



Li Zhang

Deputy Executive Director / Chief Financial Officer /

Transportation Authority of Marin

Ms. Li Zhang has spent more than 20 years with various transportation agencies in California. She joined the Transportation Authority of Marin (TAM) in September 2006. In addition to her daily financial, administrative, funding and management responsibilities as the Chief Financial Officer, Li also serves as the Deputy Executive Director of the agency since 2019. In this role, Li is responsible for the daily operations of TAM and leads various special projects.

Prior to joining TAM, Li worked for the San Mateo County Transit District (SamTrans) as the Manager of Capital Finance and Business Development. In this role, she managed the annual budgets and funding strategies for all capital projects of both SamTrans and Caltrain.

Li also spent more than five years of her career with the Metropolitan Transportation Commission (MTC), where she was responsible for the revenue forecasts, funding/policy analyses for all federal, state, regional and local transportation related funding.

Li received her Master of Urban Planning from the University of Southern California and holds a Master of Accounting and a Bachelor of Transportation Economics from the Beijing Transportation University.

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Meeting the multitude of needs requires thoughtful planning and investing in transit, open space, accessibility, and building roads for all modes. This means improving our streets and highways while investing in transit and safe passages for pedestrians and bicyclists.



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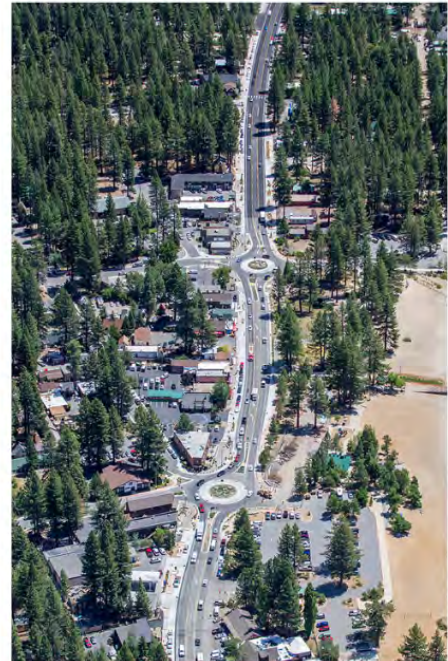
Dokken provides a full spectrum of right of way services on large and small projects. Our friendly & knowledgeable right of way agents facilitate all aspects of right of way engineering & acquisition and provide property acquisition services for a variety of counties, cities, and transportation planning agencies.



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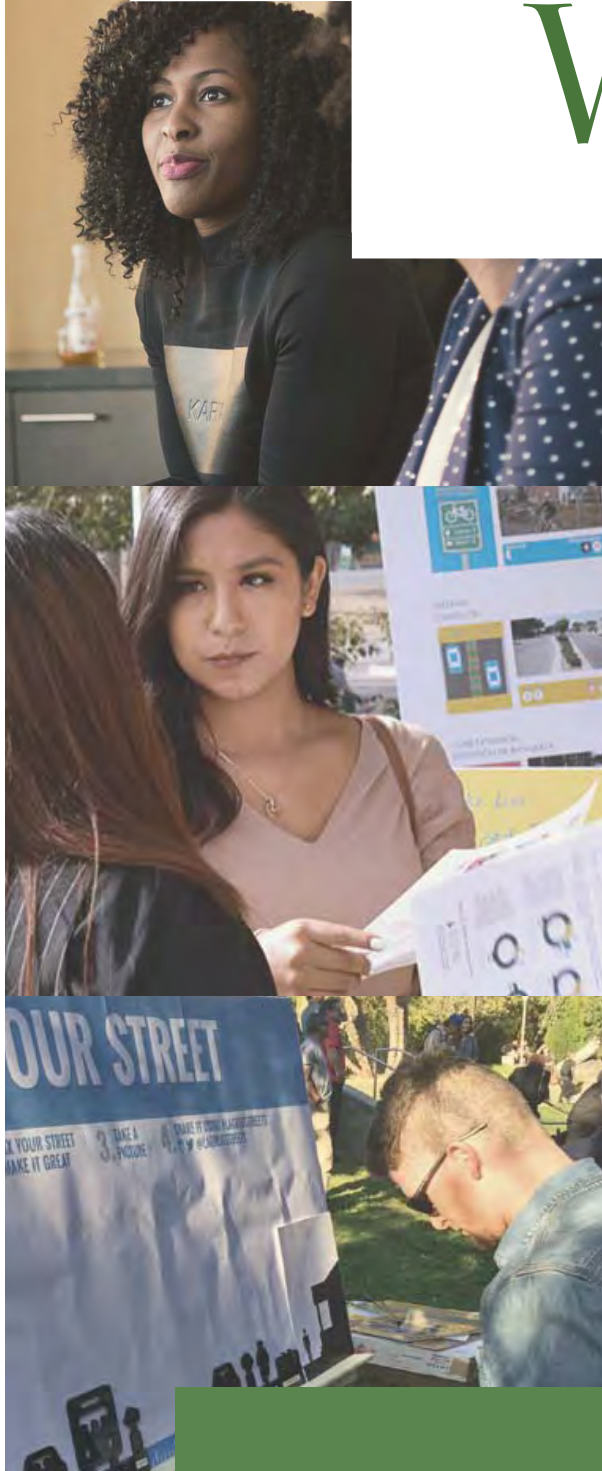
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Monument, a DBE and SBE certified firm, is a full-service real estate and right-of-way company providing exceptional service, strategic planning, innovation and timely delivery. We serve local, state and federal agencies, transportation authorities and engineering partners with public infrastructure projects throughout California. At Monument, we understand the difference an experienced, solutions-minded right-of-way partner can bring in achieving the goals and objectives of a project and that's exactly what we are. We have successfully delivered hundreds of projects as a Team, with our success attributed to our Company motto. . . we listen, we innovate, we deliver.

Monument is more than your typical right-of-way company. Our team is comprised of the best in the industry, most with over 25 years in the business and leaders of some of the largest and most complex projects delivered in the State of California. Monument's interdisciplinary team is composed of highly experienced project managers, seasoned acquisition agents, relocation experts and project support specialists, working together with the client to provide solutions at every phase of the project. The Monument team is known in the industry for successfully completing projects on an accelerated schedule. We accomplish this with early project planning, a clear scope of work, defined project tasks and deliverables, quality control, exceptional performance, and communication with the client and project partners. We know the importance of collaborating with stakeholders to ensure the successful and timely completion of each project. Monument is much more than a provider of real estate services, we act as a project partner, equally invested in the goals and objectives of the project and fully integrated with the project team.

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- Residential & Business Relocation
- Property & Asset Management
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- Economic Feasibility Studies
- Site Location & Corridor Analysis
- Utility Coordination
- Prior Rights Research & Investigation
- Right-of-Way Engineering
- In Lieu Staffing Support



National Center for Sustainable Transportation



Who We Are

The National Center for Sustainable Transportation (NCST) provides national leadership in advancing environmentally sustainable transportation through cutting-edge research, direct policy engagement, and education of our future leaders. UC Davis leads the NCST in partnership with California State University, Long Beach; the University of California, Riverside; the University of Southern California; Georgia Institute of Technology; and the University of Vermont.

What We Do

The NCST aims to reduce the impacts of the transportation system on our natural resources, including energy, climate, air, water and land, while meeting the mobility needs of society, fostering healthy communities, and supporting economic growth. In response to this challenge, the NCST's research, education, and engagement programs are organized around the following high-priority themes:

- *Environmentally responsible infrastructure and operations*
- *Multimodal travel and sustainable land use*
- *Zero-emission vehicle and fuel technologies*
- *Institutional change*

More information at <https://ncst.ucdavis.edu>

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April 1 (General)
June 1 (Space Available)

For more information:
Annemarie Schaaf
aschaaf@ucdavis.edu
530-752-0247

Visit:
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