



Year of the Dragon



International Chinese Transportation  
Professionals Association  
Southern California Chapter  
An IRS 501(c)(6) Nonprofit Organization

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## Please Join Us for Great Keynote Speeches & Celebration of the 2024 Lunar New Year!



**Saturday, March 2, 2024**

5:00 pm – 6:00 pm

Registration and Networking

6:00 pm – 6:30 pm

Dinner

6:20 pm – 6:30 pm

**Sichuan Opera Face-Changing Performance**

6:30 pm – 6:45 pm

Welcome / Opening Remarks

6:45 pm – 7:00 pm

Sponsor Presentations

7:00 pm – 7:30 pm

Keynote Speaker and Q&A

**Ms. Jacqueline Patterson, Vice President and Co-Founder of Zephyr UAS, Inc**

7:30 pm – 7:40 pm

**Chinese Folk Music Performance**

7:40 pm – 8:10 pm

Keynote Speaker and Q&A

**Mr. Wei Koo, President and Founder of WKE, Inc**

8:10 pm – 8:20 pm

**Musical Instrument Performance**

8:20 pm – 8:30 pm

Closing Remarks



Heritage Hall at Ehlers Event Center  
8150 Knott Ave, Buena Park , CA 90620



#### Registration

Regular:\$60 (by 2/27); \$70 (after 2/27)

Public Agency/Student:\$20 (by 2/27); \$30 (after 2/27)

Children 6-17: free;

**RSVP & Pay Online:** Please click [Here](#)



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## Jacqueline L. Patterson, P.E.

Ms. Patterson is Vice President and Co-Founder of Zephyr UAS, Inc. a company that specializes in rail engineering; construction management, and aerial mapping services utilizing unmanned aerial vehicles (drones). She also was President and founder of J.L. Patterson & Associates, a group of progressive technical professionals in Civil, Trackwork, Structures and Environmental Engineering headquartered in Orange, California. She sold her Company in 2015 to a Multinational Firm (Jacobs Engineering). Ms. Patterson has 40 years of professional experience in the rail transit industry. She was a Part-time Lecturer at the University of Southern California (USC) in the Sonny Astani School of Civil Engineering where she taught an Introduction to Railroad Engineering for 5 years. She is currently pursuing a Doctoral Degree in Organizational Change and Leadership at USC.

Jackie's expertise encompasses all aspects of railroad engineering from conceptual design to construction management and contract administration. She practices in light rail, heavy rail, commuter rail and freight rail projects. Her work can be seen on the Los Angeles Metro System, Amtrak, Metrolink Commuter Rail Project and several capital improvements projects for the Class I Railroads, namely Union Pacific Railroad and the BNSF Railway. In addition, Ms. Patterson has conducted numerous constructability reviews for these types of projects.

A native of Nicaragua, Jackie left her war-torn country in 1978 to attend Concordia University in Montreal, Canada. She received both her Bachelor's and Master's Degrees in Civil Engineering from Concordia University where she was awarded the school's prestigious Civil Engineering Medal as the highest ranking graduating student in Civil Engineering. This was the first time the honors were bestowed on a woman and a Hispanic.

Beginning her career by providing engineering design services on LACMTA's Metro Red Line, Segment I, Ms. Patterson went on to form her own company in 1990. From 1990 to 2015, her company provided key services for Metro Rail Projects, Commuter Rail Projects and Class I Railroad Projects.

Jackie's mission to set new standards for technical excellence, diversity and ethical professionalism has been recognized by the Society of Hispanic Professional Engineers, and the American Society of Civil Engineers where she served on the Transportation Group Board as Chairman. She is also a member of the American Railway Engineering Association where she serves on two Committees: No. 24-Education and No. 11-High Speed Rail, Women's Transportation Seminar where she held several board positions from Treasurer to Fundraising Chair to Director-at-Large, WTS (this organization recognized J.L. Patterson & Associates with the Rosa Parks Diversity Award in 2010.)

When Jackie is off work, she enjoys gourmet cooking, and running. In March 2011 she completed her second Los Angeles Marathon placing in the top 46% of her division. Altogether, she has participated in 2 marathons, 7 half-marathons and countless 5K and 10K races. In addition, since both of her children (Kyle, age 36-B.S. & MS Civil Engineering, and Janelle, -B. S. Civil Engineering - age 34-) graduated from the University of Southern California (USC), she enjoys spending time with them on Football weekends. "Ultimately, everything I do is to facilitate a better future for my children and now two grandchildren. They are the center of my life."

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## **Wei Koo, P.E., S.E.**



Mr. Wei Koo is a veteran bridge engineer and manager with over 40 years of bridge design experience. He is also the Founder and President of WKE, Inc. Wei has built his career with a strong work ethic and commitment to developing transportation projects that exceed the goals and objectives of his clients. He is a recognized expert in the transportation industry for the quality of his projects and has extensive design and construction experience on both conventional structures and special design projects. He was awarded as the 2018 Outstanding Civil Engineer in the Private Sector by the Orange County Branch of the American Society of Civil Engineers (ASCE).

Wei obtained his B.S. and M.S. degree in Civil Engineering from California State University at Long Beach. He started his career in 1978 as a civil and structure engineer at Jack G. Raub & Companies (JGR), responsible for structural engineering and design of bridge, dam and water and wastewater treatment projects. Four years later, he joined PRC Engineering in Orange County as the structural department manager and continued working on transportation structures in Los Angeles area California and in Phoenix, Arizona.

In 1984, Wei founded W. Koo & Associates (WKA). WKA was a small structural engineering firm in California. In the twenty years, WKA grew from a one-person design office to over 40 professional and support staff. As the managing principal of WKA, he worked on some of the most challenging projects throughout California. Following the Northridge Earthquake in 1994, he led the team on the Santa Monica (I-10) Freeway Reconstruction Project and managed the emergency reconstruction of two significant bridges collapsed on the I-10 Freeway. WKA also consulted Caltrans on the seismic retrofit programs and several major toll bridge projects, e.g., the San Francisco to Oakland Bay Bridge, and the Coronado Bay Bridge. In 2004, WKA merged with Post Buckley Shuh and Jernigan (PBS&J) and Wei was the Senior Vice President of PBS&J and managing principal of transportation division in California from 2004 to 2007. During that period, he served as the structure design manager for Orange County first design build project of SR-22, a \$ 500 million project adding an HOV lane on SR-22.

In 2007, Wei founded WKE, Inc. WKE is a general civil and structural consulting firm based in Orange County. Mr. Koo is responsible for operation, marketing, and project management at WKE and managed the SR-60 and SR-57 Confluence projects through the PA/ED phase. WKE stayed engaged on the SR-57/SR060 Confluence project with LA Metro through final PS&E development. WKE also served the two San Pedro Ports through their on-call programs. WKE also designed several large highway projects in Orange County, notably the I-5 widening through Mission Viejo and the SR-55 project through Santa Ana.

In mid-2021, WKE merged with HDR Engineering, Inc. Wei has served as office leader for HDR's Santa Ana Office, responsible for running day-to-day operations of Santa Ana as an entity of HDR Southern California presence. He has integrated WKE with HDR on project financials, staff utilization and retention, and system integration. Mr. Koo also served as structure lead for the I-15 Express Lane projected for SBCTA and the 241/91 Express Lane Connector Project for TCA in Orange County.

In addition to his technical expertise, Wei is a tireless mentor to many young engineers; committed to helping them advance their careers and lead the future of transportation in southern California.

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## Event Performers



### Ming

#### Sichuan Opera Face-Changing Artist

Bian Lian, or Face-changing, is an ancient Chinese performance art form that derived from Sichuan Opera. Performers wear brightly colored costumes and move to quick, dramatic music. They also wear vividly colored masks, typically depicting well known characters from the opera, which they change from one face to another almost instantaneously with the swipe of a fan, a movement of the head, or wave of the hand. Sichuan Opera masks are an important part of the Sichuan Opera performing; they are treasures that the ancient opera artists worked together to create and pass down. The secret of the face change has been passed down from one generation to the next within families. Ming is a Sichuan Opera Face-Changing artist that has performed in numerous locations in the Southern California region.



### Selina Shitong Li and Her Friends

#### UCLA Junior Student

Selina is a junior double majoring in Financial & Actuarial Math and Ethnomusicology at UCLA. Her unique blend of quantitative skills and a humanities background, honed through her editorial work at MUSE (Undergraduate Music Research Journal) and many years of event plannings, conducting research, and leadership roles equips her with the capabilities to be a great leader. She is a talented Pipa player of 14 years and picked up Indian sitar during her time at UCLA. She currently works as the director of the Chinese Ensemble at the Santa Monica Youth Orchestra.



### Lynn Feng

#### Project Manager, AECOM

Ms. Lynn Feng is a Project Manager at AECOM, a leading Fortune 500 company specializing in Architecture, Planning, Engineering, and Construction consulting. With a deep commitment to enhancing urban mobility and spearheading transportation decarbonization initiatives, Lynn serves a diverse range of clients on both traditional and forward-thinking infrastructure projects. Her passion for urban livability and sustainable development is driven by an understanding of how the environment influences access to opportunities. Lynn is focused on harnessing innovative infrastructure and planning solutions to bridge communities with essential services, thereby promoting equity. Her contributions to the field have been recognized with the Mass Transit 40 under 40 Award in 2022; she is also an alumna of the APTA Emerging Leaders Program, Class of 2024. During her free time, she enjoys cooking, playing musical instruments, diving, and a good glass of whisky.