



南加州中華科工學會

Chinese-American Engineers and Scientists

Association of Southern California Since 1962 in USA

CESASC

2025 | ANNUAL
CONVENTION JOURNAL

63



**REUNION
REFLECT
RESTART**



WELCOME MESSAGE

FROM CESASC PRESIDENT 2024-2025

April 26, 2025

Dear Honorable Guests, CESASC Members, and Friends,

It is my great pleasure to welcome you to the 63rd CESASC Annual Convention. Tonight, we come together as one family to celebrate our past and look forward to a bright future. Our theme this year is "Reunion, Reflect, and Restart"—a simple idea that guides us as we remember our history, learn from our experiences, and step forward with renewed energy.

For over 63 years, our past leaders have built CESASC with love, hard work, and vision. Their efforts have created a legacy that continues to light our way and inspire us every day. We are all here because of that strong foundation, and it is our honor to carry on that spirit of excellence. As we move forward, let us take a moment to honor their dedication and commit ourselves to sharing that same passion with each new generation.

This evening is a special time to reconnect with old friends, welcome new ones, and dream together about the future of CESASC. Whether you have been with us for many years or are joining us for the first time, your presence makes our community stronger, brighter, and more vibrant. Each one of you plays a crucial role in shaping our journey and ensuring that our legacy endures.

As we reflect on our shared history and look ahead with hope, I invite you to open your hearts, celebrate our achievements, and embrace the opportunities that lie ahead. Together, let us celebrate not only the triumphs of the past but also the promise of tomorrow.

Thank you for being here, for carrying our legacy forward, and for making CESASC a home of unity, inspiration, and love.

Sincerely,

Ying Zhan, PhD

President of CESASC





Congress of the United States

House of Representatives

Washington, DC 20515

April 26, 2025

Chinese-American Engineers and Scientists
Association of Southern California
San Gabriel, CA



Dear Friends,

I am honored to extend my heartfelt congratulations to the Chinese-American Engineers and Scientists Association of Southern California (CESASC) on the occasion of its 63rd Annual Convention.

With a mission to advance excellence in technology and research, CESASC offers invaluable opportunities for its members to connect, collaborate, and expand their knowledge. Through symposiums and seminars, the Association fosters professional growth and enhances exposure within the engineering and scientific communities. As one of the leading Chinese American professional organizations in the United States, CESASC plays a vital role in facilitating dialogue and engagement on rapidly evolving issues within the industry.

I commend CESASC for its ongoing commitment to promoting groundbreaking research and advocating for the rights and interests of engineers and scientists. Its dedication to fostering cross-cultural relationships—both globally and locally—through networking initiatives is truly commendable. By hosting this year's annual convention and presenting the highly esteemed Achievement Awards, CESASC continues to champion innovation and discovery, ensuring that talented professionals receive the recognition and support they deserve.

On behalf of the United States House of Representatives and the people of the 28th Congressional District, I extend my gratitude and best wishes for the ongoing success of the Chinese-American Engineers and Scientists Association of Southern California.

Sincerely,

Judy Chu
JUDY CHU, Ph.D.

Member of Congress, 28th District



CESASC

南加州中華科工學會



Fiona Ma, CPA

California State Treasurer

马世云

加利福尼亚州财政部长



Congratulatory letter for CESASC

April 26th, 2025

Dear Leaders and Members of the Chinese-American Engineers and Scientists Association of Southern California (CESASC),

Congratulations on the **63rd Annual CESASC Convention!** With the inspiring theme "**Reunion, Reflect, Restart,**" this event marks both a celebration of past achievements and a renewed commitment to innovation and collaboration.

For decades, CESASC has played a vital role in advancing technology, fostering talent, and strengthening U.S.-China scientific exchange. Your dedication has provided an invaluable platform for engineers and scientists to connect and thrive.

Wishing you a successful and memorable convention and continued growth in your mission to inspire and empower future generations!



2025 CESASC Annual Convention Evening Program

南加州中華理工學會第 63 屆年會晚宴慶典

5:50 pm – 9:00 pm, April 26th, 2025, Hilton San Gabriel

Triple R: Reunion, Reflect, and Restart

回顧過去 展望未來 重新出發

| | | |
|---------|---|---|
| 5:00 pm | Check-in and Social | |
| 5:50 pm | Begin Gala CESASC Video | MCs: Liping Yan, Sarah Liu; Jenny Zhang, Elijah Riggins |
| 6:00 pm | Performance: Dance by Tsinghua Dance Team | |
| | —— Welcome and Past Presidents Interview —— | |
| 6:10 pm | Welcome Remarks by CESASC President | Ying Zhan |
| 6:15 pm | Past Presidents Introduction & Interview | Lei Xu |
| 6:35 pm | Introduction to Wei Kao Scholarship | Brian Kao |
| | —— CESASC Anthem —— | |
| 6:40 pm | Introduction of CESASC Anthem | Ying Zhan & Jonathan Jiang |
| 6:45 pm | CESASC Presidents Lifetime Members Singing of CESASC Anthem | |
| | —— Group Photos & Dinner Service Begin —— | |
| 7:00 pm | Performance Dance: Peach Blossom Spring | |
| | —— Summary of Daytime Program —— | |
| 7:15 pm | Tech. Symposium, Innovation & Entrepreneurship Forum Summary | Yongping Zhang & Jiachen Zhang |
| | —— Keynote Speech —— | |
| 7:20 pm | Introduction to Keynote Speaker | Dankai Liu |
| 7:25 pm | Keynote: The Future is Generative | Dr. Gan Wang |
| 7:45 pm | Achievement Award | Jonathan Jiang |
| | —— 2025 Student Scholarship and Award Presentation —— | |
| 7:50 pm | Introduction to GOG Scholarship: Inspiring the Leaders of Tomorrow | Ying Zhan |
| 7:55pm | CESASC Scholarship | Jinxing Li |
| 8:00pm | Lisa Lu Scholarship | Jinxing Li |
| 8:05pm | Jonathan H. Jiang Prize for Fundamental Science | Jonathan Jiang |
| 8:10pm | CESASC STEAM Essay Contest | Ying Zhan |
| 8:15pm | Group Photo of Awardees | |
| | —— New Board Installation —— | |
| 8:20 pm | 2025-2026 CESASC Board Installation | Honorable Congresswoman Judy Chu |
| 8:25 pm | 2025-2026 CESASC President Acceptance Speech | Lei Xu |
| 8:30 pm | Appreciation and Certificate Presentation to CESASC Advisors | Ying Zhan and Lei Xu |
| 8:35 pm | Certificate Presentation to Outgoing Board Members | Jonathan Jiang |
| 8:40 pm | Appreciation Certificate Presentation to CESASC Volunteers | Ying Zhan |
| 8:45 pm | Closing Remarks | All Board Members |
| 8:50 pm | Music, Karaoke, and Dancing | |



2025 CESASC Convention Daytime Program

南加州中華理工學會第 63 屆年會研討會

1:00 pm – 5:00 pm, April 26, 2025, Hilton San Gabriel

Triple R: Reunion, Reflect, and Restart

回顧過去 展望未來 重新出發

| TIME | TOPIC AND LOCATION |
|-------------------|---|
| 11:30 am | Welcome Luncheon Shu Feng Yuan (蜀风园), 2 nd floor Hilton San Gabriel |
| 1:00 pm - 2:00 pm | Check-in and Networking (Lobby) |
| 2:00 pm - 3:00 pm | Technical Symposium Host: Yongping Zhang 1. Fire Safety in Buildings (2:00 pm – 2:25 pm) Mr. Jingbo Lou, Principal of J LOU Architects, ENV Construction 2. Fire Insurance (2:30 pm – 2:55 pm) Ms. Tammie Tan, Director of TransGlobal P&C Insurance Agency |
| 3:00 pm - 3:20 pm | Networking Break |
| 3:20 pm - 5:00 pm | Innovation and Entrepreneurship Forum Host: Jiachen Zhang Panel: Innovations and Entrepreneurship in Healthcare (3:20 pm – 4:10 pm) <i>Panelists</i> Dr. Chao Zhang, Associate Professor, USC John Chi, CEO & Co-founder, Synova Life Sciences Dr. Shu Li, CEO & Co-founder, Petri Bio Moderator: Yu Ma Keynote Speech: AI and the Infinite Cosmos Ahead (4:20 pm – 5:00 pm) Dr. Lingyun Gu, Founder, Chairman and CEO of IceKredit |
| 5:00 pm - 5:45 pm | Registration and Networking (Lobby) |



2025 Convention Gala Master of Ceremonies



Liping Yan – Master of Ceremonies

Dr. Liping Yan is a geotechnical and earthquake engineering expert with advanced degrees from Caltech and the University of Southern California. He currently serves as a Technical Specialist at the Los Angeles Department of Water and Power and has led award-winning engineering projects throughout his career. A former President of CESASC and an active leader in several organizations, Dr. Yan is also a dedicated community volunteer and STEM advocate. His passion for public service and decades of professional excellence makes him a valued voice in both technical and cultural circles.



Sarah Liu – Master of Ceremonies

Sarah Liu brings a unique blend of artistic vision and strategic communication to the stage. She holds a Bachelor's degree from the Academy of Arts & Design at Tsinghua University and a Master's degree in Finance from the School of Economics at Peking University. With a rich professional background spanning media, public relations, and corporate communications, Sarah has served as a financial journalist at Phoenix Television, worked with the global PR firm Weber Shandwick, and contributed her expertise to the Public Relations Department of Boeing. Her extensive experience in media and government relations equips her with a confident presence, engaging style, and deep understanding of audience connection - making her a natural and inspiring host for tonight's event.



Jenny Zhang – Student Master of Ceremonies

Jenny Zhang is a first-year undergraduate at Caltech with a passion for robotics, AI, and space exploration. In high school, she published two first-author research papers on climate change and interstellar migration under the mentorship of Dr. Jonathan Jiang. She currently contributes to Caltech's Soon-Jo Chung Lab on the ASTRID asteroid robotics project and will intern at NASA's Jet Propulsion Laboratory this summer to develop autonomous systems for lunar water exploration. Jenny brings energy, curiosity, and a forward-looking spirit to tonight's celebration.



Elijah Riggins – Student Master of Ceremonies

Elijah Riggins is an upcoming junior at Redlands High School and a top-performing student with a strong passion for science, public service, and leadership. He was recognized with the President's Volunteer Service Gold Award in 2024 for his contributions to organizations such as the VA hospital, United Nations, Red Cross, and UNICEF. Elijah is also a competitive swimmer, a lead attorney on his school's Mock Trial team, and a talented violinist. A prizewinner at the SCCAEP Environmental Summer Camp, he brings curiosity, confidence, and a heart for service to the CESASC stage.

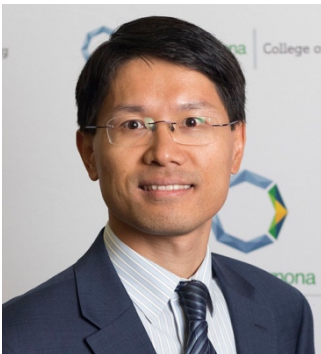


2025 Convention Daytime Program Hosts



Dr. Jiachen Zhang is an Assistant Professor of Environmental Engineering and Spatial Sciences at the University of Southern California (USC). Her research group investigates the interactions of air quality, climate, and society, as well as quantify the climate, air quality, health, and equity impacts of engineering and policy solutions. Dr. Zhang holds a Ph.D. in Environmental Engineering from USC and a B.S. in Atmospheric Sciences from Peking University. During her doctoral and postdoctoral studies, she utilized and enhanced various physics-based computational models to assess the climate and air quality impacts

of adopting solar reflective cool surfaces and promoting the adoption of renewable energy. In her previous position as the Manager at the California Air Resources Board, she led a team of scientists and engineers to develop emission inventories for cars and trucks and inform pioneering policies aimed at promoting zero-emission vehicle adoption and reducing air pollutant emissions from mobile sources. Dr. Zhang chairs the Entrepreneurship and Innovation Committee of the Chinese-American Engineers and Scientists Association of Southern California and serves as the secretary of the Air & Waste Management Association West Coast Section. She was named by the All-America Chinese Youth Federation (AACYPF) to the 2022 “Top 30 Under 30,” an annual award for Asian American young aspiring leaders. She was also awarded the American Academy of Environmental Engineers and Scientists (AAEES) 40 Under 40, as well as the Outstanding Engineering Achievement Merit Award from The Engineers Council.



Dr. Yongping Zhang is an Associate Professor of Transportation Engineering in the Department of Civil Engineering at California State Polytechnic University, Pomona. His research interests include traffic safety, travel behavior, and transportation planning applications. From 2009 to 2015, Dr. Zhang served as a Senior Transportation Modeler at the Southern California Association of Governments (SCAG), where he played a key role in developing and implementing regional travel demand models in support of the Regional Transportation Plan and Sustainable Communities Strategy. Prior to that, he worked as a Senior Transportation Analyst at Wilbur Smith Associates (2007–2009),

specializing in congestion pricing and tollway studies. Dr. Zhang currently serves on a TRB NCHRP Project Panel. He previously served on the Transportation Research Board’s Committee on Transportation Planning Analysis and Application (AEP15) and the Task Force on Understanding New Directions for the National Household Travel Survey (ABJ45T).

2025 Convention Daytime Program Speakers



Dr. Lingyun Gu earned his bachelor's from the University of Electronic Science and Technology of China and his master's and Ph.D. from Carnegie Mellon University, specializing in applying machine learning and natural language processing to speech recognition. He has published dozens of papers and holds 103 patents. Currently, he is the Chairman and CEO of IceKredit and serves as an adjunct professor at the Singapore University of Technology and Design, a member of the Temasek Program Committee under Singapore's Ministry of Education, an advisor to China's Ministry of Industry and Information Technology, a member of Shanghai's Overseas Talent Review Committee, a

director at Bank of Guilin, and a board member at Nanjing International School.

Before founding IceKredit in 2015—focused on financial fraud prevention for 45 million subprime U.S. borrowers and 600 million underserved individuals in China—Dr. Gu worked on Wall Street in high-frequency trading and later in venture capital at IDG/Accel. With over 20 years in AI, he has earned accolades such as the Ram Charan Management Practice Award from Harvard Business Review, recognition in China's National Major Talent Program (Category A), and the Innovation and Entrepreneurship Award from China's Ministry of Science and Technology. Additionally, as an undergraduate, he was named “Best Debater” at China's inaugural National College Debate Competition.



Dr. Chao Zhang is an Associate Professor of Chemistry and Biological Sciences at the University of Southern California. He earned his bachelor's degree from Peking University, followed by a Ph.D. at Princeton University and postdoctoral training at the University of California, San Francisco. His research operates at the interface of chemistry, biology, and medicine, where he has developed innovative chemical genetic and chemical proteomic approaches to systematically study protein functions and identify protein ligands. Professor Zhang is the scientific founder of BridGene Biosciences, Inc., a clinical-stage biotechnology

company focused on developing covalent small-molecule drugs for cancer treatment. He is also a co-founder of MyeloGene, Inc., a startup pioneering myeloid-based cellular therapies for treating human diseases.



2025 Convention Daytime Program Speakers



Architect Jingbo Lou holds a bachelor's degree in architecture from Tongji University and a master's degree in landscape architecture from the University of Southern California. He became a licensed architect in California in 2002. Mr. Lou has over 30 years of experience in design, historic preservation, construction, real estate development, and management. He is the principal of J LOU Architects, ENV Construction, J Lou Development, and Normandie Hospitality Group. His award-winning projects include Fair Oaks Courts, Hotel Normandie, and Kerimer Arms, receiving recognition from the City of Pasadena, the Los Angeles Conservancy, and the American Planning Association.



Ms. Tammie Tan, Director of TransGlobal P&C Insurance Agency, has over 20 years of property and casualty insurance experience. Recognized for delivering comprehensive risk management solutions to individuals, families, and businesses, she frequently appears on KAZN 1300AM, Phoenix Television, EETV America, CTi TV, and YouTube. With a talent for simplifying complex insurance concepts, Ms. Tan is committed to community education—believing that informed decision-making is key to achieving financial protection and long-term stability.



Dr. Shu Li is the CEO and Co-founder of Petri Bio, a pioneering biotech company dedicated to improving metabolic health through precision nutritional solutions. With a deep background in molecular biology and biotechnology, she blends scientific rigor with entrepreneurial drive to develop innovative, data-driven approaches to personalized health. Dr. Li is also a passionate advocate for women in science and business, actively supporting the biotech startup community and mentoring aspiring scientists and entrepreneurs. Her work reflects a commitment to advancing both human health and the next generation of biotech leadership.



Mr. John Chi is the founder and CEO of Synova Life Sciences, where he spearheaded the development of an advanced stem cell technology platform aimed at transforming regenerative medicine. He holds 18 patents and has successfully raised over \$5 million in funding to advance Synova's mission. A graduate of both Stanford University and YCombinator, Mr. Chi brings a unique combination of technical expertise, startup acumen, and cross-industry experience, including earlier roles in telecommunications and visual effects. His entrepreneurial journey reflects a deep passion for leveraging science and technology to drive meaningful impact in healthcare and beyond.

2025 Convention Keynote Speaker



Dr. Gan Wang is the Vice President of Systems Engineering Ecosystem at Dassault Systèmes, where he leads the company's strategic initiatives in advancing model-based systems engineering (MBSE) and digital engineering (DE) across industries. He is responsible for driving innovative methodologies, optimizing processes, and promoting industry-wide collaboration with standards organizations, associations, and government bodies.

With more than two decades of experience in software development, enterprise architecture, design, and system integration, Dr. Wang is widely recognized as a leader in systems engineering. His work has significantly advanced techniques in configuration analysis and

object inspection, and he frequently shares his insights as an author and instructor in the field.

Dr. Wang earned his Ph.D. from the University of Virginia and an MBA in Finance from the University of Maryland. He is a Fellow of INCOSE and currently serves on the board of directors for the Object Management Group (OMG). Prior to joining Dassault Systèmes, he held key leadership roles at BAE Systems, where he supported rapid program operations and strategic investments in MBSE and DE capabilities, helping to shape integrated defense solutions.

A dedicated innovator and thought leader, Dr. Gan Wang continues to drive progress in systems engineering, inspiring future advancements and fostering collaboration that shapes the industry's future.

Title: “The Future is Generative: Harnessing Intelligence, Experience, and Digital Transformation – An Engineer’s Perspective”

Abstract: As we increasingly recognize the profound impact of artificial intelligence and digital technologies on industries, businesses, and daily life, we find ourselves on the brink of a new generative economy—one that enables hyper-personalized products, services, and experiences. This paradigm shift is redefining how we design, build, and innovate, fundamentally transforming business operations across all sectors.

At the core of this transformation is the convergence of digital twin technology and model-based systems engineering. By integrating modeling, simulation, augmented reality, real-world evidence, and AI-generated content, these technologies create a dynamic, interactive environment centered on human experience. This new connected engineering ecosystem empowers designers, engineers, and end users to collaborate more effectively, accelerating innovation more rapidly across the product lifecycle. It also equips tomorrow's industry leaders to harness knowledge and know-how in ways never before possible, delivering a richer, more intelligent representation of the world around us—one that is deeply connected, self-generating, and continuously evolving. The AI-driven digital transformation unfolding today is laying the foundation for what's possible in the industries of the future.



Spotlight of Distinguished Members

會員風采

Professor Yitang Zhang: Trailblazer in Number Theory

Professor Yitang Zhang, a CESASC lifetime member and a renowned mathematician at the University of California, Santa Barbara, has profoundly influenced modern mathematics. In 2013, Professor Zhang made groundbreaking progress toward solving the ancient twin prime conjecture by proving the existence of infinitely many prime pairs differing by less than 70 million. This achievement sparked global collaborative efforts, notably the Polymath Project, significantly advancing number theory research. Professor Zhang's outstanding contributions have earned him prestigious honors, including the MacArthur "Genius" Fellowship, the Rolf Schock Prize in Mathematics, the Cole Prize from the American Mathematical Society, and the Ostrowski Prize. His continued research on deep problems such as the Landau–Siegel zeros and the Riemann zeta function exemplifies his lifelong dedication to mathematical exploration.



Dr. Yue Rong: Environmental Leader and Community Champion

Dr. Yue Rong, previously an Environmental Program Manager at the California Environmental Protection Agency, has dedicated over 35 years to addressing groundwater contamination issues in Los Angeles. His expertise spans groundwater remediation, risk assessment, and environmental statistics. Dr. Rong has significantly contributed to environmental science literature as the editor of books such as "Practical Environmental Statistics and Data Analysis" and "Fundamentals of Environmental Site Assessment and Remediation." His exemplary service has been recognized with numerous awards, including the "Earth Caretaker" Award from the University of Wisconsin–Green Bay and the UCLA "Bruin Excellence in Civic Engagement" Award. In 2024, he was honored by induction into the UCLA Fielding School of Public Health Hall of Fame, underscoring his lifelong commitment to environmental stewardship and community service.



Mrs. Shirley Ho: Inspirational Author and Advocate of Lifelong Growth

Mrs. Shirley Ho, a dedicated CESASC member, has shared her inspirational life story through her published work. Despite facing physical challenges that limit her mobility, Mrs. Ho's spirit remains unstoppable. Her book vividly portrays her determination to continually ascend her personal "imaginary staircases," illustrating resilience, optimism, and an enduring passion for personal growth. Inspired by the Chinese proverb, "You can enjoy a grander sight by climbing to a greater height," Mrs. Ho's narrative encourages readers to embrace life's challenges with hope and perseverance, reminding us all of the power of inner strength and the beauty of lifelong learning and personal transformation.





The CESASC Anthem

Composition: Yu Xia

Lyrics: Jonathan H. Jiang & Ying Zhan

Lead Signer: Bin Wang, Sponsor: Jonathan H. Jiang

Narration: *In the heart of innovation and unity, we ignite the spark of dreams and vision. Together, we build a legacy of excellence, where the future shines bright with the light of science and engineering. This is our anthem, our journey, our CESASC song.*

Verse 1: Where dreams take flight, vision bright,
A legacy born, shining light.
We took our stand, a future planned,
CESASC pioneers, hand in hand.

Chorus: Pioneers of thought, seekers of truth,
Bridging knowledge, elder to youth.
Innovation's spark, hearts agleam,
Inspiring futures, science dreams.

Verse 2: Decades of growth, heights we reach,
Bright minds unite, new goals we teach.
Honoring brilliance, their light we see,
Achievement Awards, our legacy.

Chorus: Pioneers of thought, seekers of truth,
Bridging knowledge, elder to youth.
Innovation's spark, hearts agleam,
Inspiring futures, science dreams.

Bridge: Passionate minds, lighting the way,
Wisdom and drive, guiding each day.
Together we stand, visions grand,
Building the future, hand in hand.

Verse 3: Dreams alive, bold and strong,
Triumph stories, sing along.
United we find, potential bright,
Future's clear, shining light.

Chorus: Pioneers of thought, seekers of truth,
Bridging knowledge, elder to youth.
Innovation's spark, hearts agleam,
Inspiring futures, science dreams.

Outro: CESASC leads, lighting the way,
Science and engineering, here to stay.
Honoring past strides we take,
Brighter tomorrow, for legacy's sake!



Composer: Yu Xia



Vocalist: Bin Wang



Lyricist: Ying Zhan



Lyricist & Sponsor
Jonathan H. Jiang



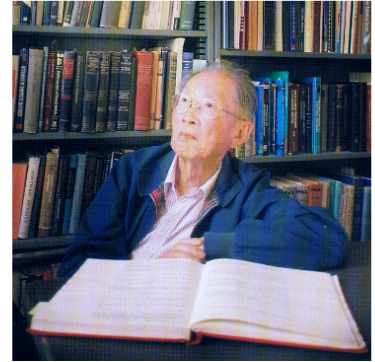
CESASC Past Presidents



1962 Henry and Lois Chi



1963 Norman Au



1964 Tung Hua Lin



1967 Theodore Wu



1968 Ju Chin Chu



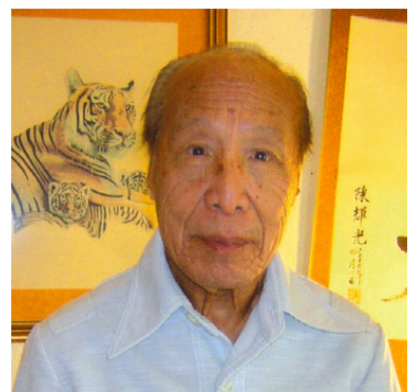
1970 Wellington Loh



1971 Paul Yeh



1972 Paul Leung



1974 Steven Tang



CESASC Past Presidents



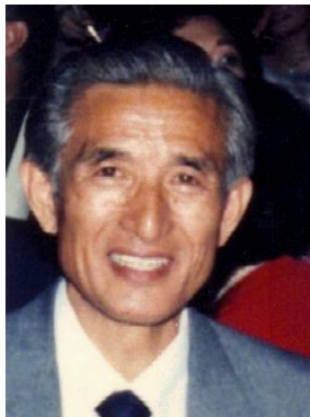
1979 Charles P Wang



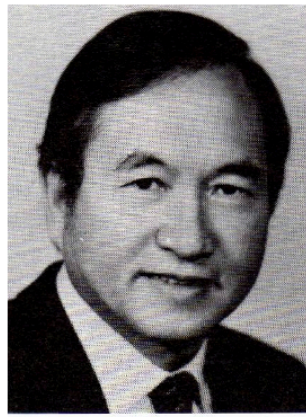
1980 Tennyson Wang



1981 Han C Leung



1982 Sui An Fung



1983 Shih Yuan Chen



1984 Frank Wang



1985 Chien Sun



1986 Shui Lin Chao



1987 Sherman Yu



CESASC

南加州中華科工學會

CESASC Past Presidents



1988 Chih Ming Ho



1989 Wei Kao



1990 Edward Liu



1991 Catherine Kwan



1992 George Chao



1993 T J Wang



1994 Im Eastwood



1995 Kung Yao



1996 Kay - Im Elizabeth



CESASC Past Presidents



1997 Tien Tsai Yang



1998 Munson Kwok



1999 William Chang



2000 ShengRong Lin



2002 & 2003 Charles Wang



2004 Shirley Ho



2005 Shan Lee



2006 & 2007 Sikun Lan



2008 David K Lee



CESASC Past Presidents



2009 Wensheng Zhou



2010 Yiu Man So



2011 Jason Wen



2012 Yutao He



2013 Liping Yan



2014 Dankai Liu



2015 Yue Rong



2016 Lan Saadatnejadi



2017 Dongmei Huang



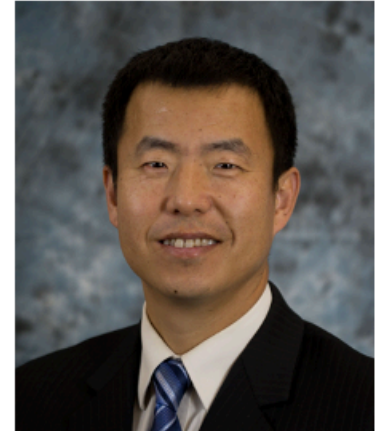
CESASC Past Presidents



2018 Hui Su



2019 Ping Zhou



2020 Charley Lu



2021 Bruce Liu



2022 Terry Guo



2023 Jonathan H. Jiang



2024 Ying Zhan

As we look back at these extraordinary leaders who shaped CESASC across generations, we are reminded of the power of Reunion, the wisdom that comes through Reflection, and the limitless possibilities when we Restart with courage and vision. Their legacy lights our path—and inspires each of us to continue building, connecting, and dreaming forward.



Remembrance of Dr. Wei Kao (高為雄)

September 2, 1944 – November 2, 2023

By Dr. and Mrs. Chih-Ming and Shirley Ho (何志明/張翠姝)

CESASC 1988 and 2004 Presidents

為績卓著名揚航太 雄才得展惠我科工

Time flies, it will soon be over six months since Dr. Kao left us! From Chinese school to CESASC, and from acquaintance to jointly organizing technology events, the deep friendship between Wei and us has already surpassed forty years in a flash.

As a distinguished leader in the aerospace industry, Dr. Kao joined the Chinese-American Engineers and Scientists Association of Southern California (CESASC) in mid-1980s. Since then, he has devoted himself to enhancing the Association's youth programs. In order to foster the youth's interest in research and develop their abilities in independent study, Dr. Kao organized the first *Youth Engineering and Science Project Contest* for students in Grades 7-12. Under his guidance, the contest was highly acclaimed by both students and the community.

Since joining CESASC, Dr. Kao has also observed the rapid growth of aerospace and other industries in Southern California. Wei's broad vision and keen observation skills enabled him to quickly stand out in CESASC. Under his outstanding leadership, Dr. Kao chaired the *1987 Technical Conference and Industrial Exhibition*. With over 800 attendees and over 30 companies sponsoring exhibition booths, this Technical Conference held on March 21, 1987, marked a breakthrough and dramatic expansion of the scope and depth of CESASC's technical programs in many aspects. In addition to US speakers, the technical sessions featured speakers from Taiwan, China, and Hong Kong, all holding active high-ranking Science & Technology positions. In 1989, he was elected to President of CESASC. In recognition of his exemplary contributions, Dr. Kao was honored with the *CESASC 1988 Service Award*.

In 2012, which was the 50th Anniversary Gala of CESASC, preparations began two years in advance. In 2009, Dr. Kao, who was serving as the Chairman of the Board at the time, provided special guidance in establishing the Honorary Advisory Committee, several ad hoc committees, and working groups. Sincere thanks to Dr. Kao's foresight, CESASC's 50th Anniversary Celebration was very well planned and further concluded in a thorough and successful manner.

After retiring, Dr. Kao moved to Temple City shortly thereafter. Apart from enjoying the pleasures of life with his grandsons, he continued to serve on the CESASC Advisory Board, drawing upon his rich knowledge for many years.

We would like to express our sincere sympathy to Marina, Brian, and their family for the loss of Wei, a role model for all of us. As a longtime CESASC leader, Dr. Kao will be remembered for his leadership, enthusiasm, and love of family, friends, and community. May his family find comfort in the cherished memories and strength in the companionship of good friends.

*We at CESASC would like to thank Dr. Kao's family for establishing the **Wei Kao Scholarship Fund for future STEM students**. Your generosity and support inspire us to follow Dr. Kao's legacy and continue serving the Chinese-American community.*

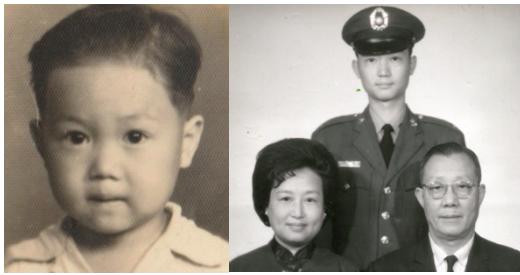


In Loving Memory of Dr. Wei Hsiung Kao (高為雄)

September 2, 1944 – November 2, 2023

By Brian Y Kao, son of Wei Kao

In remembrance of my dad Dr. Wei H. Kao, I would like to celebrate the life of my hero. My dad was a remarkable man and lived an amazing life. He strived for a life of excellence, both professionally and personally. Wei H Kao was a natural leader, with a strong moral compass and innate ability to influence. Family and friends remember him for how nurturing and caring he was, but also how he was always young at heart. CESASC was an important outlet for my dad to exhibit these qualities. He was proud to have been your leader, peer, and friend. My family and I are thankful to share this remembrance of my dad with CESASC.



Wei was born on 9/2/1944 in Sichuan, China. His father was a General for the KMT during the Communist Revolution, which resulted in them relocating to Taiwan when he was 5 years old. He attended Taiwan College and also served in the ROC Army. Growing up, Wei was nick named “smiling tiger” by family. This was due to his likeable nature, combined with his drive to achieve. Wei never forgot his roots, as he was extremely proud of both his Chinese and Taiwanese heritage.

His heritage was a big influence in his career interests throughout his career.

After graduating from Taiwan College, Wei moved to the US for graduate studies at Notre Dame and Michigan State. He would meet my mother Marina while attending Michigan State. They would marry in 1973, and together strive to build a better life in the US.



After completing his PHD at Michigan State, he worked at several companies in the mid-west, including Good Year. In 1980 they would move to San Diego, where Wei found a job at General Dynamics. This is also when his first and only son was born, Brian.

In 1981 Wei began working at the Aerospace Corporation in Los Angeles, where he would spend 25+ years. He also moved his family to Rancho Palos Verdes, where he and his family spent over 30+ years enjoying suburban life. As the Director of Material Science at the Aerospace Corporation, he led a sizable team of PHDs, Rocket Scientists, and Technicians. He has numerous patents filed and worked on numerous classified programs for the Government. He also led advanced research programs funded by State and National Agencies (Air Force Space Command, Navy, Army, DoD and NASA to name a few).



Apart from his day job, Wei also found time to be a Professor at Cal State University and President of a semi-conductor startup. In all his roles, Wei always moved up to become a leader, Manager, and/or Director. This was notable given the discrimination that he and other Chinese Engineer's faced during that time. Like many of his fellow immigrant CESASC members, I am proud that my dad made meaningful contributions to society.



My dad had a strong moral compass and sincerely enjoyed helping others. This drove his work as a crime investigation specialist designated by the National Law Enforcement Technology Center for the Department of Justice. His expertise was called upon various times to be an expert witness for high profile criminal cases. His expert testimony helped put away a prominent Intel Executive for murdering his wife. He also helped families get reparations by proving that the infamous Los Angeles Downtown Toy Factory Fire was based on negligence. He's also travelled the world giving lectures. Notably, he gave a keynote speech in Washington D.C. to thousands of FBI, Air Force, and Fireman about his work in material science. He also was the Chairman of the annual Manufacturing Problem Prevention Conference (MP3) sponsored by US Air Force Space Command for over a decade.



Retiring from Aerospace, he took on a role at the UCLA Institute of Technology Advancement in 2007. The role brought him great joy and pride during the twilight of his career. In 2012 he was a founding member of the UCLA Institute for Technology Advancement of the UCLA School of Engineering in Suzhou China. As the Deputy Director, he obtained millions in funding and conducted research. During his time at UCLA, Wei also became a grandpa for the first time in 2009.

Wei's two grandsons, Kyle and Anderson, were born in 2009 and 2011 respectively. This was perhaps his proudest moment, and what brought him the most happiness over the years. He was an amazing grandpa, spending any time he could to enrich their lives with fun, learning, and unconditional love. In 2016 he and Marina moved to Temple City, to be close to his grandsons in Arcadia. He spent his final years striving for excellence, but this time it involved being the best grandpa he could be. My kids love and miss their grandpa so much, and we are glad that we were able to spend some the precious and formidable years with him.



Thank you CESASC for being such an important part of my dad's life. It is an honor for our family to establish the **Wei Kao Scholarship Fund for future STEM students.**



CESASC Scholarship Foundation

CESASC Scholarships and Special Funds

Mrs. Hsu Hwa Chao Memorial Scholarships

(for humanities or science)

Lois and Henry Chi Scholarships

Prof. Yung-Ho Chien Memorial Scholarships

Mrs. Edna and Dr. Yu-Shan Han Memorial Scholarships

General Shann Tzyy Kao and Dr. Wei H. Kao Memorial Scholarships

Dr. Jiin-Jen and Mrs. Sage Lee Scholarships

Tsai-Sun and Cho-Seng Chien Lee Memorial Scholarships

The Anna and John J. Sie Foundation Scholarships

Grace Yu Memorial Scholarships

Prof. June Chien Yu-Tsao Yu Memorial Scholarships

(for a woman when possible)

Dr. Sherman Shan Yu Memorial Scholarship Fund

Henry Chi Memorial Scholarship Fund

William (Bill) Chang Memorial Scholarship Fund

We thank our 2024-2025 Donors and Supporters!

Dr. Wei H. Kao Memorial Fund

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Ning-Ning Hsieh
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John and Nancy Kao
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Brian Kao
Munson Kwok
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Kevin Cao
Audrey Lin

Shirley Ho's Scholarship Foundation Book Fund "Climbing to Reach Beyond My Dreams"

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Shan Lee
Lily Wu

Marina Kao
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Ying Zhan

Suellen Kwok
Yue Rong

Sikun Lan
Jason Wen

\$2,500-10,000

Ying Zhan

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Jonathan H. Jiang

"In loving memory of Charles and Maureen Sie—great leaders in the Chinese American community"

\$100-2,499

Chenxi Guo

Shan & Sanne Lee

The Foundation funds the CESASC scholarship program and symposia in science, engineering, medicine and humanities. Emphasis is placed on youth programs within STEAM topics.

CESASC Scholarship Foundation is a federal 501(c)(3) non-profit corporation. We welcome all donations, which are tax deductible to the extent allowed by law. Please contact Treasurer Manwai Szeto, mszeto@gmail.com



2025 CESASC & Lisa Lu Scholarship Committee



Jinxing Li, Ph.D.
Assistant researcher in
space physics at UCLA.
PI of NSF and NASA
grants



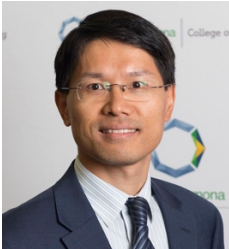
Yayun Du, Ph.D.
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Electrical and Computer
Engineering,
Vanderbilt University.



Guangwei Zhang, Ph.D.
Assistant Professor of
Research Physiology and
Neuroscience, University
of Southern California



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Postdoctoral researcher,
Stanford University,
Department of
Microbiology and
Immunology.



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Engineering Department,
College of Engineering,
Cal Poly Pomona



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Department, China
Conservatory of Music.
Doctor of Performing
Arts, Moscow State
Tchaikovsky
Conservatory



Yiwei Lu, M.A.
Curator, Writer, and
Filmmaker, Los Angeles



Kay Niuyue Zhang,
M.A. Director and Film
Producer, Los Angeles



Zheyu Liang, M.F.A
Executive Producer at
Pocket FM
Award-winning producer,
director, and editor
dedicated to amplifying
diverse voices.



Lan Yang, M.F.A
An award-winning
cinematographer based in
Los Angeles.
Photographed high-
profile campaigns for
brands such as Nike,
Avène, and Google.



2025 CESASC STEAM Essay & JHJ Prize Committee



Chenxi Guo, M.S.
Marvell Technology
Senior Staff Engineer



Jonathan H. Jiang,
Ph.D., Senior
Research Scientist,
NASA Jet Propulsion
Laboratory, California
Institute of
Technology. Member,
National Academy of
Sciences Steering
Committee for Human
Exploration of Mars



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Enterprise Risk Manager
and Senior Risk
Appraiser. President of
International Branding
App Alliance, Founder
CEO of Aproin Inc.



Liping Yan, Ph.D.
Technical Specialist
Los Angeles
Department of
Water and Power



Chengxin Zhai, Ph.D.
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Division of Emerging
Interdisciplinary Areas,
The Hong Kong
University of Science of
Technology



Nancy Huang, M.S.
Jet Propulsion
Laboratory Senior
Software Engineer



2025 CESASC Scholarship Recipients

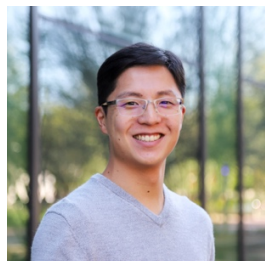


Bo Liu 劉博, Ph.D. Candidate

Chemical and Biomolecular Engineering, UCLA

Bo specializes in high-performance lithium metal and zinc-ion battery systems. She earned her B.E. from Huazhong University of Science and Technology and her M.S. from Zhejiang University. With over 20 publications and an H-index of 20, she has received multiple honors and awards for her research. In addition to her academic work, she is a dedicated educator and mentor, actively involved in campus outreach and community STEM initiatives.

General Shann Tzyy Kao and Dr. Wei H. Kao Memorial Scholarship



Christopher Yeh 葉宗然, Ph.D. Candidate

Computing and Mathematical Science Department, Caltech

His research focus is on the problem of co-designing uncertainty quantification methods with decision-making algorithms, especially with applications in sustainability and energy systems. He grew up in Southern California and earned a B.S. and M.S. in Computer Science from Stanford University in 2019, after which he was selected for the Schwarzman Scholars masters program in Beijing. Outside of his research, Chris enjoys playing cello and participating in ultimate frisbee.

William (Bill) Chang Memorial Scholarship



Wenzheng Heng 衡文正, Ph.D. candidate

Department of Medical Engineering, Caltech

Dr. Heng Wenzheng earned his bachelor's in mechatronic engineering from Zhejiang University in 2020 and his PhD from Caltech in March 2025. He's passionate about wearable breath analysis and flexible sensing tech. His work, including articles in Science and Nature Chemical Engineering, shines with his "smart mask," spotlighted by Science, noted twice by the NIH, and buzzed about in over 50 medias like Forbes and MIT Technology Review. He nabbed an Outstanding Graduate Student Award at the MRS 2025 Spring Meeting. As an Asian scientist, he's all about boosting STEM diversity and cheering on Asian engineers.

Anna and John J. Sie Foundation Scholarship



Hong Han 韓弘, Ph.D. Candidate

Department of Medical Engineering, Caltech

She received her B.S. degree in Chemical Biology and M.S. degree in Electronic Science and Technology from Nankai University in 2021. Her research focuses on medical micro/nanorobotics, and her achievements led to publications in journals such as Science, Science Robotics, Science Advances, PNAS, etc.

Grace Yu CESASC Scholarship

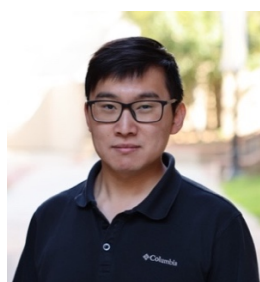


Ting-Yu Lu 盧廷瑜, Ph.D. Candidate

University of California, San Diego - Jacobs School of Engineering (Materials Science and Engineering)

He received his bachelor's and master's degrees in biomedical engineering from National Tsing Hua University. His research experience includes biomaterials, drug delivery, and tissue engineering. Currently, his work focuses on developing a scalable bioprinted liver tissue model using induced pluripotent stem cells (iPSCs) as a platform for drug screening, with the goal of improving in vitro disease modeling and advancing personalized medicine.

Lois and Henry Chi Memorial Scholarship

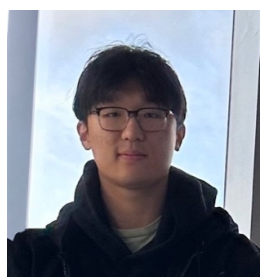


Zhuonan Hao, Ph.D. Candidate

Ph.D. Student, Mechanical Engineering, UCLA

Zhuonan received his bachelor's degree in Mechanical Engineering from Beijing Institute of Technology (2019) and master's degree in Mechanical Engineering from UC San Diego (2021). His current research interests include slender structure modelling and soft robotics.

Shan and Sanne Lee Scholarship



Ethan Liu, Undergraduate Student

Mechanical Engineering and Mathematics, Pennsylvania State University

Ethan joined Caltech/JPL as a student researcher and contributed to a study on Dirac's large number hypothesis. He led a team of students for the MathWorks Math Modeling Competition.

Dr. Sherman Shan Yu Memorial Scholarship



Sue Yuan, Undergraduate Student

Anthropology & Economics, University of Southern California (USC)

She is currently studying anthropology and economics at USC, previously attended the University of Notre Dame under the same major, where she was the recipient of the Frank Reilly Merit Scholarship and began her research role in International Relations and Sino-US relations with Professor Eisenman. She is involved in various leadership positions on campus including working for campaigning for a female-led biotech startup focusing on repatenting non-hormonal birth control in the US.

Mrs. Edna and Dr. Yu-Shan Han Memorial Scholarship



Katelyn Zhou 周好瀾, Undergraduate Student

Mathematics and History, Wellesley College

Katelyn is a sophomore at Wellesley College studying Mathematics and Medieval/Renaissance Studies. Her mathematical interests are based mainly in Theory of Computation and Probabilistic Algorithms, and she aspires to work in education in the future. On campus, she participates in Chamber Music where she plays the piano, and spends a lot of her time in the Art and Music Libraries looking for new pieces to play or new manuscripts to learn from. When she's not elbows-deep reading a textbook or literary work, you can find her writing – not only her essays, but also short-form literature.

CESASC Scholarship



Ruth Alexandria Liu 劉韻美, Undergraduate Student

Mathematics and Computer Science, UCSD

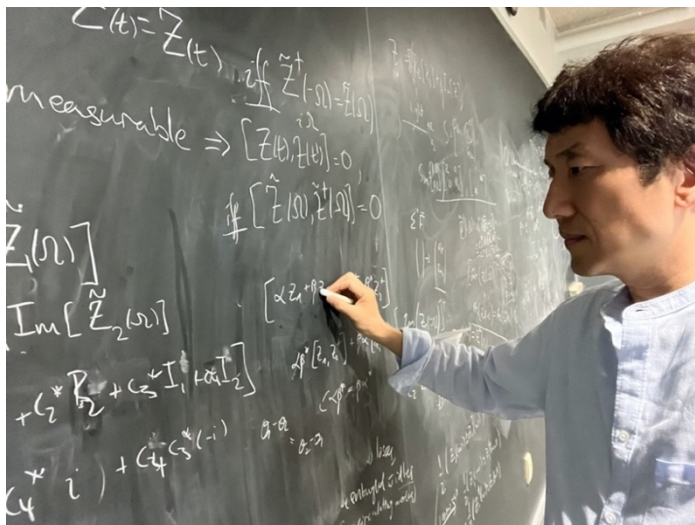
Despite experiencing personal family tragedies, Ruth consistently maintained strong academic performance. As a key member of FRC Robotics Team 1967, she played a significant role in developing innovative robotics designs.

Prof. June Chien Yu-Tsao Yu Memorial Scholarship



Jonathan H. Jiang Prize for Fundamental Science

Spotlighting Young Talents in Mathematics, Physics, and Chemistry



The Jonathan H. Jiang Prize for Fundamental Science, proudly endowed by the Jonathan H. Jiang Foundation, stands as a testament to our dedication to nurturing and recognizing the next generation of pioneers in mathematics, physics, and chemistry. This prestigious annual award uniquely honors young scholars whose groundbreaking contributions to basic research demonstrate profound commitment and potential for advancing scientific knowledge.

Eligibility and Selection

The Jonathan H. Jiang Prize is conferred upon exceptional young scientists, aged 25 or under, who exhibit outstanding promise in their pursuit of fundamental scientific breakthroughs. Eligible candidates are those who have achieved remarkable results and demonstrate exceptional potential for future scientific leadership. Recipients are selected based on their exceptional scientific publications, research achievements, and the potential impact of their work by a distinguished review panel assembled by the Jonathan H. Jiang Foundation.

Award and Recognition

Recipients of the Jonathan H. Jiang Prize are celebrated for their innovative contributions to science and their unwavering dedication to discovery. Each honoree is formally recognized at the CESASC Annual Convention and receives an award presented by the Jonathan H. Jiang Foundation.

The prize symbolizes our belief in the transformative power of fundamental sciences, inspiring young scientists globally to continue pushing the boundaries of knowledge and innovation. Through this recognition, we aim to ignite passion, drive research excellence, and empower visionary individuals dedicated to deciphering the mysteries of the universe.

Each recipient will receive:

- A monetary award sponsored by the Jonathan H. Jiang Foundation, to support their continued scientific endeavors.
- Public recognition and presentation of the prize at the CESASC Annual Convention.

The Jonathan H. Jiang Foundation proudly supports young scientists worldwide, fostering groundbreaking research and promoting a brighter, scientifically enlightened future.



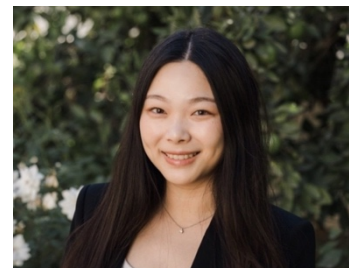
2025 Jonathan H. Jiang Prize Recipient

Mathematics, Physics, and Chemistry

Jonathan H. Jiang (JHJ) Prize in Chemistry

Awarded to Ms. Fanya Xia

For her pioneering research elucidating the molecular mechanisms governing angiogenesis in arteriovenous fistula (AVF) maturation, which bridges fundamental chemical processes and clinical outcomes. Through her comprehensive review and critical analysis of pro- and anti-angiogenic factors, Ms. Xia's work illuminates the chemical basis for vascular remodeling and highlights promising avenues for therapeutic interventions. Her scholarly rigor and innovative approach exemplify the spirit of recognizing outstanding young scientists who advance foundational chemistry for the betterment of science and society.

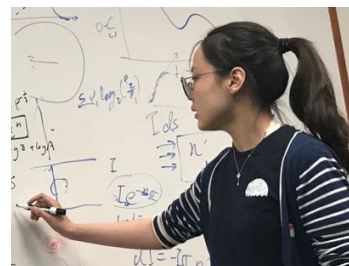


Xia, Fanya, et al., Vascular and Perivascular Role in the Regulation of Angiogenesis: Impact on Arteriovenous Fistula Maturation. *Archives of Internal Medicine Research*, 7, 284–296, 2024.

Jonathan H. Jiang (JHJ) Prize in Physics

Awarded to Ms. Xuan Ji

For her innovative theoretical research on planetary climate dynamics and the development of an analytical framework for determining the inner habitable zone of eccentric exoplanets. By combining energy balance modeling, dimensionless analysis via the Buckingham Π theorem, and careful consideration of planetary heat capacity effects, Ms. Ji's work provides a rigorous and versatile approach to constraining the boundaries of habitability in systems with non-zero eccentricities—thus guiding future exoplanet exploration and characterization.

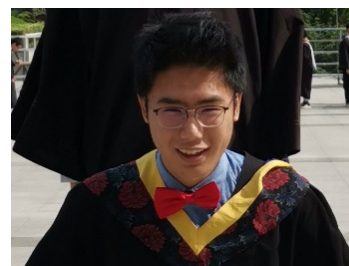


Ji, Xuan, et al., Inner Habitable Zone Boundary for Eccentric Exoplanets. *Astrophysical Journal Letters*, 943 (1), p.L1, 2023.

Jonathan H. Jiang (JHJ) Prize in Physics

Awarded to Mr. Suixuan Li

For his groundbreaking discovery of anomalous thermal transport in boron arsenide, demonstrating that thermal conductivity can decrease with pressure and defying long-held expectations in materials physics. Through ultrafast optical measurements, Raman spectroscopy, inelastic X-ray scattering, and advanced atomistic simulations, Mr. Li has revealed the crucial role of high-order phonon interactions, establishing a new paradigm for understanding heat conduction in extreme environments.



Li, Suixuan, et.al. Anomalous thermal transport under high pressure in boron arsenide. *Nature* 612, 459–464, 2022.



Lisa Lu Foundation

卢燕基金会



The Lisa Lu Scholarship offers support to students majoring in the arts or literature, with a strong passion for film and technical proficiency. Aimed at those who excel in creative expression and understand film's technical aspects, this scholarship provides financial aid, networking opportunities, and exclusive workshops. Ideal candidates are innovative storytellers eager to contribute to cinema and the arts, embodying Lisa Lu's legacy of blending artistic vision with technical skill.



2025 CESASC Lisa Lu Scholarship Recipients

Awardees majoring in Film, Literature and Arts



Chunyan Zhang (張春燕)

Master of Arts in East Asian Area Studies, University of Southern California.

She graduated from the University of Rochester with double degrees in Anthropology and Studio Arts.

Zoe's research focuses on how ordinary people experience state effects through their personal bodies and minds. Subfields that she has worked with include critical tourism studies, the revival of popular religions and folklore performances in China and Japan, and state management of cultural heritages. Her interdisciplinary practice enables her to express her sociocultural imagination through academic papers, photographs, documentaries, sculptures, and installation arts.



Jiaqi Liu

MFA at the School of the Art Institute of Chicago

Jiaqi Liu is a concept-driven, project-based artist. Her works have been showcased internationally, including at the Metropolitan Museum of Arts (US), Brooklyn Bridge Park (US), AMC Empire Theatre (US), Microscope Gallery (US), Czong Institute for Contemporary Art (KR), Jupiter Art Museum (CN), Galerie KUB (DE), and on large public screens in Denver (US), Kalamata (GR), and Rethymno (GR). Previously, she received a Dual-MS in Computer and Information Science from Cornell University and a BFA from NYU Tisch School of the Arts.



Marcus Quinn Marcus

Tisch School of the Arts, New York University

Marcus is a French-American and award-winning filmmaker from Paris. He's a senior at New York University Tisch School of the Arts, majoring in film & television. His films have screened at the Yale Student Film Festival, New York Shorts International Film Festival, and NYU's New Visions and Voices Film Festival. As the writer, director, and editor of *The Lion of Teranga*, coupled with his diverse background and passion for sports, he's committed to telling a wholly authentic story about the intersection between friendship, sports, and abuse.



2025 CESASC STEAM Essay Contest

Topic: Imagining Tomorrow: Society and AI Living Together



1st Prize: William liang — “*Becoming More Human*”

“Becoming More Human” explores the evolving relationship between humans and AI, focusing on AI's potential to enhance creativity, education, and healthcare while raising ethical questions about its design and impact on humanity. The essay excels due to its philosophical depth, creative metaphor, and balanced exploration of AI's benefits and ethical challenges, offering a compelling vision of human-AI collaboration.

2nd Prize: Yiran Gao — “*AI and the Future: Balancing Innovation, Ethics, and Humanity*”

“AI and the Future” examines AI's impact on society, discussing its potential to drive innovation while also highlighting ethical concerns, such as privacy, job displacement, and the importance of responsible development. The essay stands out for its balanced, nuanced approach, effectively weighing AI's benefits and risks. Its ethical considerations and thoughtful analysis make it a strong contender.

2nd Prize: Daniel Shi — “*A Letter From the Future*”

“A Letter From the Future” is a creative narrative written from the perspective of someone in 2050, reflecting on how AI and humans coexist, enhance each other, and tackle global challenges, while recognizing AI's limitations in replicating human emotional depth. The essay's creative storytelling and emotional resonance make it compelling. Its imaginative approach and exploration of human-AI partnership earned this award.

3rd Prize: Richard Hao — “*Imagining Tomorrow: Society and AI Living Together*”

“Imagining Tomorrow: Society and AI Living Together” explores AI's positive impacts in education, healthcare, and accessibility, highlighting its potential to improve efficiency and inclusion. The essay emphasizes AI's role in transforming daily life and enhancing human capabilities. The essay provides a comprehensive and clear analysis of AI's benefits in various sectors. It effectively covers practical impacts.

3rd Prize: Junyao Zhang — “*CESASC STEAM Essay*”

“CESASC STEAM Essay” reflects on AI's potential and the challenges it brings, including overreliance and privacy concerns. The essay highlights both the positive contributions of AI and the risks it poses to society, urging responsible development and use. The essay effectively engages with important issues like AI's impact on society and ethics. It offers a strong reflection.



CESASC Convention Keynote Speakers

(1969 – 2024)

| | | | |
|-------|-------------------------------|------|-----------------------------|
| 1969 | Wallace W. Booth | 2002 | John Chiang (江俊輝) |
| 1970 | Walter F. Burke | 2003 | Chih-Ming Ho (何志明) |
| 1971 | William B. Bergen | 2005 | Henry T. Yang (楊祖佑) |
| 1972 | Richard F. Walker | 2006 | Fujia Yang (楊福家) |
| 1973 | Yu-Hsiu Ku (顧毓琇) | 2007 | John J. Sie (謝誠剛) |
| 1974 | T.Y. Lin (林同棧) | 2008 | Wing T. Chao (趙永濤) |
| 1975 | Bruce H. Billings | 2009 | Mau-Chung Frank Chang (張懋中) |
| 1976 | John Stuart Foster, Jr. | 2010 | Leroy Chiao (焦立中) |
| 1977 | Steven W. Leong | 2011 | Frank Hsia-San Shu (徐遐生) |
| 1978 | Samuel C.C. Ting (丁肇中) | 2012 | Shu Chien (錢煦) |
| 1979 | Joseph T. Ling | 2013 | Alice S. Huang (黃詩厚) |
| 1980 | Chen Ning Yang (楊振寧) | | Andrew W. Lo (羅聞全) |
| 1981 | Madam Anna Chennault (陳香梅) | 2014 | Yuk Ling Yung (翁玉林) |
| 1982 | Chien-Shiung Wu (吳健雄) | | Richard Lee (栗亞) |
| 1983 | Yu Jan-Cheng Fung (馮元禎) | 2015 | James Liao (廖俊智) |
| 1984 | Hua Lin | 2016 | Steven Chu (朱棣文) |
| 1985 | Eberhard Rechtin | 2017 | James Erickson |
| 1986 | Theodore J. Wong (黃華焦) | 2018 | Mingxi Fan (範明熙) |
| 1987 | Ming E. Chang | 2019 | Mimi Aung |
| 1988 | Shu Chien (錢煦) | | Erik Takayesu |
| 1989 | Elaine L. Chao (趙小蘭) | 2020 | Ang Lee (李安) |
| 1990 | Mayor General William S. Chen | | Monica Jan |
| 1991. | Lizhi Fang (方勵之) | 2021 | Xuedong Huang (黃學東) |
| 1992 | Julia Chang Bloch (張之香) | | Allen Chen |
| 1994 | Frederick F.Y. Pang | 2022 | Kai-Fu Lee (李開復) |
| 1995 | Henry C. Lee (李昌鈺) | | Yang Chai (柴洋) |
| 1996 | Henry T. Yang (楊祖佑) | | Yitang Zhang (張益唐) |
| 1997 | Gareth C.C. Chang (張鎮中) | 2023 | Dean Ho (何鼎) |
| 1998 | David Ho (何大一) | | Fan-Gang Zeng (曾凡鋼) |
| 1999 | Yu-Chong Tai (戴聿昌) | 2024 | Andrew P. Ingersoll |
| | Hon David Wu | | Rong Fu (傅容) |
| 2000 | John S. Chen | | |
| 2001 | Yuan Tseh Lee (李遠哲) | | |



CESASC Former Achievement Award Recipients (1969-2024)

| | | | |
|------|---|------|---|
| 1969 | Chen-Dau Lee (李政道) Cho-Hao Li (李卓浩) Yu-Hsiu Ku (顧毓琇) T.Y. Lin (林同棧) | 1981 | San-Chiun Shen (沈善炯) Charles Kuen Kao (高錕) |
| 1970 | S.S. Chern Sze-Tsen Hu (胡世楨) Shu Ten Li Tung-Hua Lin (林同樺) Wellington Loh (陸孝同) | 1982 | Fred Lee, Tom T. Tang Chia-Wei Woo (吳家瑋) |
| 1971 | Yuan Cheng Feng (馮元禎) Theodore Y.T. Wu (吳耀祖) Sunney I. Chan (陳長謙) Tai Te Wu | 1983 | Gilbert Y. Chin Yuen Ron Shen (沈元壤) |
| 1973 | Lois Wong Chi (戚王爾樂) Loh-Seng Tsai, C. Yang Edith Ju-Hwa Chu Chia-Shun Yih (易家訓) | 1984 | Shao-Chi Lin (林紹基) George C. Sih (薛昌明) Chang L. Tien (田長霖) Shing-Tung Yau (邱成桐) |
| 1974 | C.S.vHsu Paul Leung (梁佩璐) Fiedrick Liu William C.W. Mow Samuel S.C. Yen | 1985 | Norman N. Au Tailor G. Wang (王贛駿) |
| 1975 | Lewis Li-Tang Au (區鯉騰) Ven Te Chow (周文德) Ruth Wu Hsiung (熊武琪華) Ernest S. Kuh (葛守仁) | 1986 | Yuan T. Lee (李遠哲) Pauline Lo Alker (梁佩玲) Charles H. Sie (謝正剛) |
| 1976 | Ben C. Wang, Kam L Wong Abraham T. Lu, Stephen W. Tsai | 1987 | Ming E. Chang Gong-Jen Su Yeu-Tsu Margaret Lee Reginald G. Low Shih-Yuan Chen (陳仕元) |
| 1977 | Hung Cheng (鄭洪) Thomas H. Lee Robert T. Poe (蒲大邦) Teh Fu Yen, Carl W. Chen | 1988 | Paul N. Yu Ju Chin Chu (朱汝瑾) Julius T. Tou (竇祖烈) |
| 1978 | Theodore W. J. Wong (黃華焦) Ta-Liang Teng (鄧大量) | 1989 | Abraham M. S. Goo (古懋萱) Albert C.H. Wong (黃朝虹) Thomas C.K. Yuen (袁志坤) |
| 1979 | Stanley B. Dong Ying-Nien Yu Henry W.S. Chi (戚文祥) | 1990 | Milton Chang (張茂德) Samuel W. Ing (應偉興) |
| 1980 | Hsu Chang, Andrew Chi James Dao, Robert Huang | 1991 | Li Zhi Fang (方勵之) Lee Liu, S.B. Woo (吳仙標) |
| | | 1992 | David S. C. Chu (朱思九) Fu-Kuen Lin (林福坤) David Huang (黃孝宗) Shi-Tsan Wu (吳式燦) |
| | | 1993 | Yuan-Cheng Fung (馮元禎) Alfred Y. Cho (卓以和) Denny Ko (柯如甦) Jean Chen Shih (陳錦虹) |



- 1994 Tung-Hua Lin (林同樺)
Louise T. Chow (周 芷)
Wah L. Lim (林華寧)
- 1995 Theodore Y.T. Wu (吳耀祖)
Paul Ching-Wu Chu (朱經武)
Li-San Hwang (黃立三)
Ying-Chu Lin (吳林穎珠)
- 1996 Irvin S. Y. Chen (陳紹虞)
David T. Shaw (蕭台戈)
Henry T. Yang (楊祖佑)
- 1997 The-Lung Ku (顧德隆)
John Tu (杜紀川)
David Sun (孫大衛)
Pauline Ts'o (曹予真)
- 1998 Shu Chien (錢煦)
Henry C. Lee (李昌鈺)
Hsin-Kang Chang (張信剛)
David Ho (何大一)
- 1999 Helena R. Chang (梁容)
Yu-Chong Tai (戴聿昌)
Peter K. Wu (吳國恩)
- 2000 John S. Chen
Alexander C. Liang (梁建齊)
- 2001 Eric G. Lean (林耕華)
Jim C.I. Chang (張敬義)
Derek Cheung (張大凱)
Chih-Ming Ho (何志明)
- 2004 Allen Y. Chao (趙宇天)
Kuo-Nan Liou (廖國男)
Peter S. Pao (鮑 塞)
Robert K. Yu (于寬仁)
- 2005 Hsien K. Cheng (鄭顯基)
Shirley Young (楊雪蘭)
- 2006 Fujia Yang, Linda Ming-Huei Liao
Man-Chung Tang
- 2007 John J. Sie, Heidi Shyu
Xiaodong Wang
- 2008 Wing T. Chao (趙永濤)
Robert P. Lin (林伯中)
- Terrence Tao (陶哲軒)
Vincent Gau (高振智)
- 2009 Mau-Chung Frank Chang (張懋中)
- 2010 William W-G. Yeh (葉文工)
William W. Wang (王蔚)
Leroy Chiao (焦立中)
- 2011 Peter Chen (陳政)
Hsia-San Shu (徐遐生)
Xiang Zhang (張翔)
- 2012 Li-San Hwang (黃立三)
Cun-Yu Wang (王存玉)
- 2013 Alice S. Huang
Andrew W. Lo
- 2014 Yuk Ling Yung
Richard Ya Lee
Munson Arthur Kwok
- 2015 James C. Liao (廖俊智)
Allen Chao
Charlie Woo
- 2016 Henry Tzu-Yow Yang (楊祖佑)
Yang Yang
Bill Chiu
C. Y. Chang
- 2017 Raymond S. Chan (陳紓樺)
Lee-Lueng Fu (傅立倫)
Wilson Ho (何文程)
Yinuo Li (李一諾)
- 2018 Xuemei Chen (陳雪梅)
Fuk K. Li
- 2019 Carter Tseng
Jason Cong
Erik Takayasu
Yitang (Tom) Zhang (張益唐)
- 2021 Lisa Lu (盧燕)
Xuedong Huang (黃學東)
- 2022 Kai-Fu Lee (李開復)
Yang Chai (柴洋)
- 2023 Dean Ho (何鼎)
Fan-Gang Zeng (曾凡鋼)
- 2024 Andrew P. Ingersoll
Rong Fu (傅容)

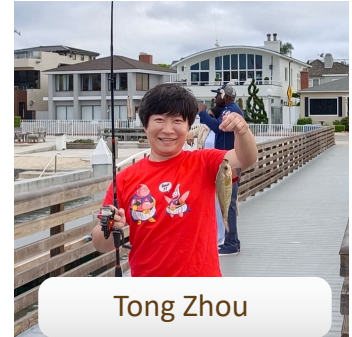


CESASC VOLUNTEERS



Paul Hosheng Hsu

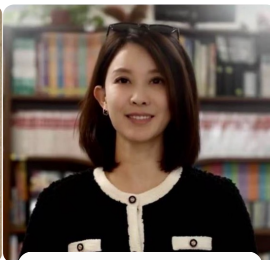
CESASC 2025 HONORABLE VOLUNTEERS



Tong Zhou



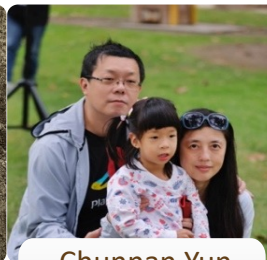
Lihua Qiu



Sarah Liu



Jenny Zhang



Chunnan Yun
Weiqun Chen



Sophie Yuwen

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| Yaxin | Jerzy Ramos Chen | Irene Pan | Jenny | Micky (錢北門) | 嚴頌源 |
| Yahui | Stella Shao | Jiani Yang | Jerry Zhu | 李冬青 | 王元申 |
| Xiaohong Sun | Yixuan Li | Jenny Zhang | Yeja Sun | 馬祎 | 徐和生 |
| Alvina Wang | Richard Zhao | Hanyue Shen | Jeff Lu | 王燦然 | 邱利華 |
| Kyla | Yang Luo | Elijah Riggins | Zesen Huang | 孫菁 | |
| Jiaxin Deng | Yaxing Lin | Bill Yang | Sophie Yuwen | 徐子淇 | |
| John Liu | Xingqi Cui | Katie Zhan | Lenti (梁文) | 袁欣彤 | |
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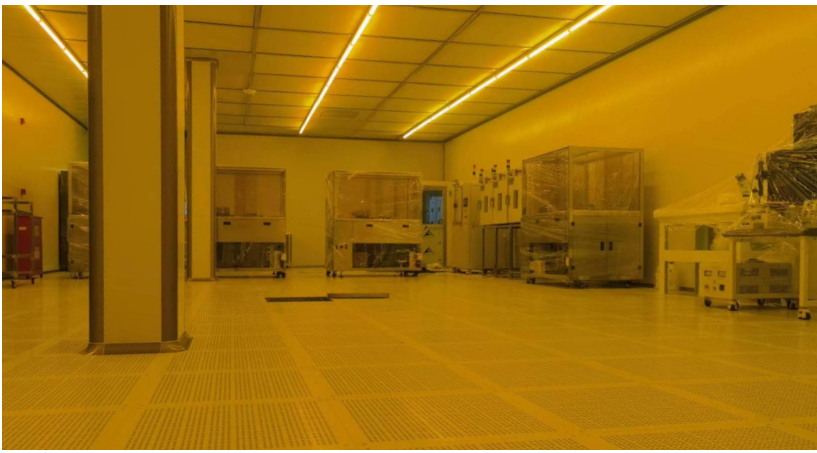


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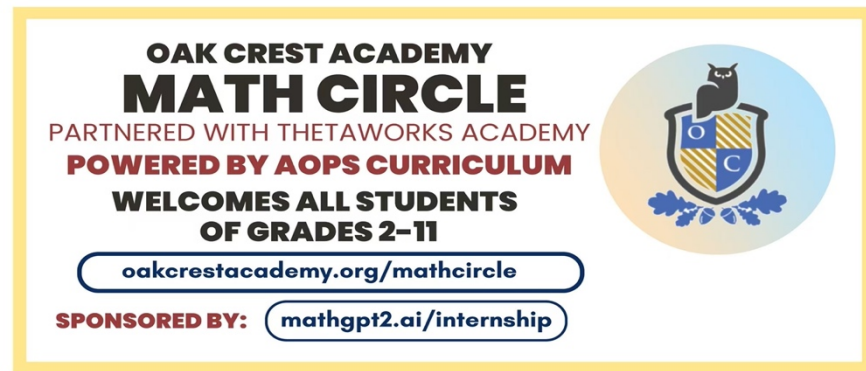
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My name is Dr. Kevin Lan. I was the CESASC president in 2006 and 2007. Before and after that, I have been actively involved in CESASC activities for about 10 years. Looking back, these 10 years have trained my leadership skills that my jobs could not.

The ad above highlighted two main activities my career has led me to. First, I am the Math Department Chair of a K-12 private GATE boarding school Oak Crest Academy in Pomona, CA. We have excellent math education which will be showcased in the OCA Math Circle, a weekend advanced math training program for students of grade 2-11. We expect to train future math Olympians and any students that have eager to learn something above and beyond their school math. Art of Problem Solving (AoPS) provides free textbooks and USA Math Olympiad Team Coach John Berman is one of the authors of the free placement and scholarship qualification tests.

MathGPT is a summer internship program for high school and college students. Through rigorous professional training of 4-8 weeks, 100 students will work in teams to develop cutting edge AI applications for math education purposes. They can also engage in AI and Education, AI and Special Education, and AI Agents and Privacy Protection research under the guidance of university professors and Silicon Valley AI experts.

If you have children in college or in high school, send them to the MathGPT summer internship. If you have younger children, send them to the OCA Math Circle!

如果您的孩子正在就讀高中或大學，歡迎參加 MathGPT 暑期實習；如果您的孩子尚且年幼，歡迎參加 OCA Math Circle!

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Peach Blossom Spring 桃花源

Performers: Pauline Jiang , Rose Liu, Sandy Shan, Julia Chen,
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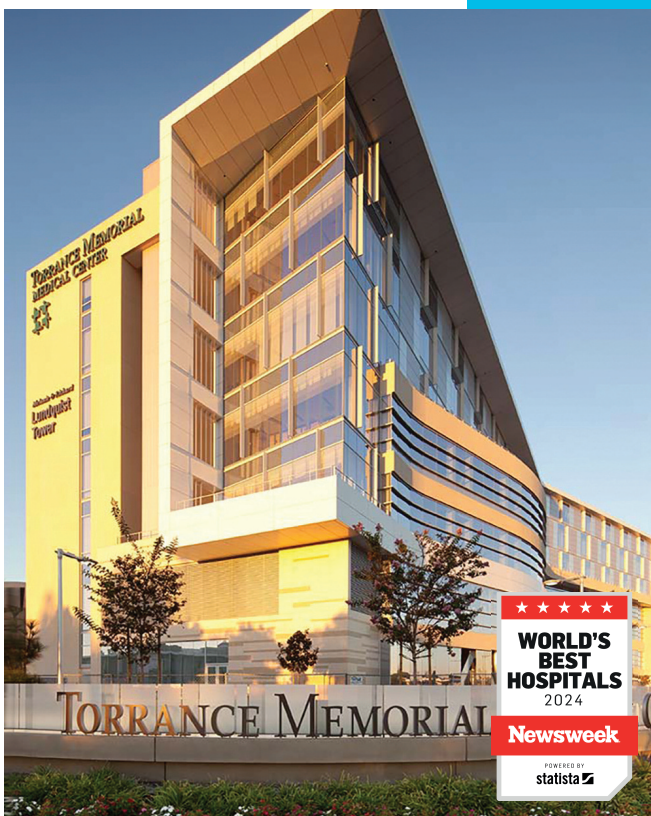
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JUNYAO (CINDY) ZHANG, BHS高中10年级就读, 10年的钢琴、七年的小提琴、八年的网球, 繁忙的学习、演出和比赛压抑不住对科学的热情和改变世界的信念和理想; 初高中阶段在VEX机器人比赛中, 作为队长与队友一道多次拿到加州冠军、US OPEN北美技术总冠军和TEAMWORK第二名、VEX GIRL-POWER世锦赛世界冠军。今年作为助理教练帮助和指导队员已经拿到VEX USOPEN和世锦赛的参赛门票。多年来, 一直保持对机器人、AI等科学技术的参与、学习和竞赛。宝剑锋从磨砺出、梅花香自苦寒来, 两个月后甜蜜16岁 (SW-EET16) 生日即将来临, 庆祝之余, 再接再厉、砥砺前行。



Junyao
(Cindy)

Zhang, currently a 10th grade student at BHS, has 10 years of piano experience, seven years of violin, and eight years of tennis. Despite the pressures of her busy studies, performances, and competitions, her passion for science and belief in changing the world remain strong. During her middle and high school years, she was the captain of her team in VEX Robotics competition, leading her team to win California Championship, US OPEN North American Technical Championship, and second in Teamwork, and the VEX GirlPower World Championship. Now, as assistant coach, she helped guide her teammates to enter the VEX US OPEN & World Championship. Over the years she has consistently participated, learned about, & competed in fields like robotics & AI. As saying goes, "A sword is sharpened through grinding, and the fragrance of plum blossoms comes from the bitter cold." In two months, her sweet 16th birthday will arrive, and while celebrating, she will continue to forge ahead.



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History and Mission

The Chinese-American Engineers and Scientists Association of Southern California (CESASC) was founded in 1962 as a non-profit professional organization. Its mission is to serve as a platform to enrich members' competence through technical conferences and workshops, to showcase their accomplishments through its annual Achievement Awards, to broaden their career perspectives through global and local networking, and to protect their interests and rights through organizational efforts. In 2011, CESASC was honored by Chinese American Museum (CAM) as the recipient of the *Excellence in Science and Engineering Leadership Award* in CAM's 15th Annual History maker's Awards Ceremony. In 2019, CESASC was recognized as the recipient of the *2019 Community Partner of the Year* by Chinese-American Elected Officials (CEO).

CESASC Achievement Awards

Since 1969, CESASC has been presenting Achievement Awards to recognize individuals who have made significant contributions in engineering and science or have a distinguished professional career. Our previous award recipients included Nobel Laureates, members of US National Academy of Sciences, National Academy of Engineering and Institute of Medicine, Corporate and university executives, members of Committee 100, and public officials.

Technical Symposiums

To promote technology advancement for its members, CESASC has sponsored annual Technical Symposiums pertaining to various technical areas since 1986. These conferences have provided a forum for top researchers around the world to exchange ideas and findings about the latest advancements in science and technology. In 2010, CESASC co-sponsored with UCLA an International Symposium on Materials for Enabling Nanodevices (ISMEN). In 2016, CESASC collaborated with UCLA Sustainable LA Grand Challenge to serve the Los Angeles community.

Programs (Scholarship, STEM, LEAP, Business Innovation Competition, Arts-Tech Poster Contest)

The enrichment of youth program has been one of our important goals for many years. The CESASC Scholarship Foundation was created as a companion charitable non-profit organization to CESASC for raising funds for scholarships and educational programs. The Foundation has enabled CESASC to award scholarships annually to undergraduate and graduate students. The scholarship recipients have also been invited to participate in and present their research work in Technical Symposiums. In 2012, the CESASC launched a STEM program for local middle and high school students to promote STEM education. In 2013, CESASC started a LEAP program working together with college student organizations to provide career-related guidance, education, mentorship and opportunities to help young generations for their professional development. In 2015, CESASC started Student Business Innovation Competition, which serves as a launch pad for innovative business ventures from aspiring student entrepreneurs by providing mentoring and exposure. In 2018-2019, CESASC and the Cultural Foundations of Zhendai He USA (CFZH) jointly launched an Arts-Tech Poster Contest to promote the fusion of arts and science/technology. In 2020, CESASC and UCA(United Chinese American) jointly launched "Creativity again COVID-19" Multimedia Art Contest. Starting in 2020, CESASC and Lisa Lu Foundation jointly launched CESASC Lisa Lu Scholarship for students in arts. Starting in 2021, CESASC Jonathan H. Jiang (JHJ) Prize for Fundamental Science was launched thanks to the generous donation by Dr. Jonathan H. Jiang. In 2022, CESASC- Zhendai He Scholarship was launched jointly by CESASC and the Cultural Foundations of Zhendai He USA (CFZH).

Industrial Relations

CESASC brings together all segments of engineering and science by reaching out to prominent industrial companies in Southern California. Through its technical symposiums, leadership programs, and seminars, CESASC has been able to broaden the base of its membership, expand networking platform, and provide added services to its members. The support and sponsorship from the industry have made CESASC as one of the most influential Chinese-American professional organizations in the USA.

International Advancement Cooperation Programs

Since the late 1980s, CESASC has organized numerous global cooperation activities to promote information exchange among professionals. During the past years, CESASC has accomplished mutual visits for government officials, university and industry leaders from the Pacific Rim countries or areas.



2024-2025 CESASC Executive Team Members

(in alphabetical order)



Dr. Weiqun Chen
Chair of IT



Jia Fan
Secretary & Media Relation Chair



Chenxi Guo
Co-chair of Convention



Nancy Huang
Co-chair of Convention



Dr. Jonathan Jiang
Chairman



Dr. Jinxing Li
Chair of Scholarship



Dr. Charley Lu
Chair of Public Relation



Dr. Alex Ma
Treasurer



Dr. Kangshi Wang
Co-chair of Convention



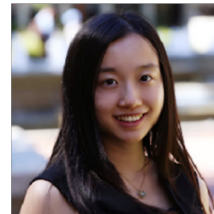
Xuemei Wei
Co-Chair of Fundraising



Dr. Lei Xu
VP & Co-Chair of Fundraising
Co-chair of Public Relations



Dr. Ying Zhan
President



Dr. Jiachen Zhang
Chair of Innovation Forum



Dr. Yongping Zhang
Chair of Technical Symposium



CESASC: Empowering Innovation and Leadership for Tomorrow's Challenges in Science and Engineering



CESASC Officers and Directors (1962-2025)

| Year | Chairman | President | Vice-President | Secretary | Treasurer | Directors |
|------|------------------|------------------|-----------------|------------------|------------------|--|
| 1962 | | Henry Chi | | Sherwin Chan | Charles Yen | |
| 1963 | | Norman Au | | Yi-Jin Liu | James C. Liu | |
| 1964 | | Tung-Hua Lin | | Eugene Tsao | Lewis Au | |
| 1965 | | Chung-Ming Wong | | Frederick Liu | Wellington Loh | |
| 1966 | | Fred Liu | V. H. Ho | Sherman Yu | David Huang | |
| 1967 | | Theodore Wu | Tung Po Lin | Kam Wong. | Sheng To Chu | |
| 1968 | | Ju Chin Chu | Kam L. Wang | Chia Huan Lee | Sai Fu Lee | Theodore Wu, F. F. Liu, C.M. Wong |
| 1969 | | Lewis L.T. Au | Tung Po Lin | Margaret Tan | Sui-An Fung | Ju-Chin Chu, Theodore Wu, Fred F. Liu |
| 1970 | | Wellington Loh | Paul Yeh | C. P. Tung | Huang Chao | Lewis Au, Ju-Chin Chu, Theodore Wu |
| 1971 | | Paul Yeh | Jim Gee | Ming Moy | C. W. Chien | Wellington Loh, Lewis Au, Ju Chin Chu |
| 1972 | Paul Leung | Paul Leung | Stu Y. Lee | K. C. Chiang | Paul Lem | Tung-Hua Lin, Henry Chi, Kam L. Wong |
| 1973 | Kam L. Wong | Tung-Po Lin | Raphael E. Ting | Wen Ling Kuo | Irving Chen | Henry Chi, Paul Leung |
| 1974 | Kam L. Wong | Steven Tang | Lois Chi | Wen Ling Kuo | Sam Gee | Paul Leung, Tung Po Lin |
| 1975 | Tung Po Lin | K. C. Chiang | John N. Chan | Peter K. Dai | David W. Kwan | Paul Leung, Steven S. Tang |
| 1976 | Tung Po Lin | Peter Dai | S.S. Kwong | Teresa Sun | David Liu | Steven S. Tang, K. C. Chiang |
| 1977 | Peter Dai | John Chan | Lily Wang | Charles Wang | Tenly Fong | Steven S. Tang, K. C. Chiang |
| 1978 | K. C. Chiang | S. S. Kwong | Louise Huang | Heeman Wong | Tenly Fong | Peter Dai, John Chan |
| 1979 | Peter Dai | Charles Wang | Catherine Kwan | Tennyson Wang | Sherman Yu | John Chan, S. S. Kwong |
| 1980 | Charles Wang | Tennyson Wang | Jay C. Chen | Roger Fan | Housen Lee | John Chan, S. S. Kwong |
| 1981 | Charles Wang | Han C. Leung | Munson Kwok | Jay C. Chen | Fleur W. Yano | S. S. Kwong, Tennyson Wang |
| 1982 | Tennyson Wang | Sui-An Fung | Timothy Kar Yu | William Chang | Fleur W. Yano | Han C. Leung, Charles Wang |
| 1983 | Tennyson Wang | Shih-Yuan Chen | Timothy Kar Yu | Grace Hu | Fleur W. Yano | Sui-An Fung, Han C. Leung |
| 1984 | Sui-An Fung | Frank Wang | Lois Chi | D. N. Yin | T. S. Fu | Shih-Yuan Chen, Han C. Leung |
| 1985 | Shih-Yuan Chen | Chieh Sun | Shui-Lin Chao | Sherman Yu | Daniel Wong | Sui-An Fung, Frank Wang |
| 1986 | Chieh Sun | Shui-Lin Chao | Sherman Yu | Chih-Ming Ho | Edward Liu | Sui-An Fung, Frank Wang |
| 1987 | Frank Wang | Sherman Yu | Chih-Ming Ho | Tom Sun | T. J. Wang | Shui-Lin Chao, Chieh Sun |
| 1988 | Chieh Sun | Chih-Ming Ho | Wei Kao | Pong Chao | Y. S. Wang | Shui-Lin Chao, Sherman Yu |
| 1989 | Sherman Yu | Wei Kao | Edward Liv | Wennie Wu | Richard Sheng | Shui-Lin Chao, Chih-Ming Ho |
| 1990 | Chih-Ming Ho | Edward Liu | Tom Sun | Wai-Min Liu | Richard Sheng | Wei Kao, Sherman Yu |
| 1991 | Wei Kao | Catherine Kwan | Kung Yao | T. C. Wang | Richard Sheng | Chih-Ming Ho, Edward Liu |
| 1992 | Edward Liu | George Chao | Philip Chen | Gan-Tai Tseng | Albert Hsieh | Wei Kao, Catherine Kwan |
| 1993 | Edward Liu | T. J. Wang | Eastwood Im | Elizabeth Kay | Albert Hsieh | George Chao, Chih-Ming Ho, S.R. Lin, Kung Yao |
| 1994 | George Chao | Eastwood Im | Kung Yao | Elizabeth Kay | Michael Chan | Wei Kao, S. R. Lin, T. J. Wang, T.T. Yang |
| 1995 | Sherman Yu | Kung Yao | Michael Chan | Philip Chen | Elizabeth Kay-Im | Eastwood Im, Munson Kwok, Jin-Jen Lee, S. R. Lin, T. J. Wang, T. T. Yang |
| 1996 | Kung Yao | Elizabeth Kay-Im | John Chen | T. J. Chou | Rosalind Lee | Eastwood Im, Munson Kwok Jiin-Jen Lee, Sherman Yu |
| 1997 | Eastwood Im | Tientsai Yang | Munson Kwok | C. Y. Chang | Pin Fun Tsai | Elizabeth Kay-Im, Jin-Jen Lee Sheng-Rong Lin, Kung Yao |
| 1998 | Elizabeth Kay-Im | Munson Kwok | Jin-Jen Lee | Shen Li | Tiffany Chiu-Mou | Michael Chen, S. R. Lin T.T. Yang, Kung Yao |
| 1999 | Wei Kao | William Chang | | Shen Li | Tiffany Chiu | Munson Kwok, Michael Chan, T. T. Yang, Charles Sie, Elizabeth Kay-Im |
| 2000 | Munson Kwok | S. R. Lin | Kang Wang | Barbara Nakamura | Shen Li | William Chang, Sam Feng, Wei Kao, Charles Sie |



CESASC Officers and Directors (1962-2025)

| Year | Chairman | President | Vice-President | Secretary | Treasurer | Directors |
|------|------------------|------------------|------------------|---------------------------|-----------------------------|--|
| 2001 | Munson Kwok | Edward Liv | Liping Yan | | Shen Li | William Chang, Henry Chi, Sam Feng, Wei Kao, S.R. Lin, Charles Sie |
| 2002 | William Chang | Charles Wang | Liping Yan | Muriel Ho | Shen Li | Amy Chen, Henry Chi, S. R. Lin, Charles Sie |
| 2003 | William Chang | Charles Wang | Shan Lee | Muriel Ho | Shen Li | Amy Chen, Henry Chi, Charles Sie |
| 2004 | Charles Wang | Shirley Ho | Liping Yan | | Shen Li | William Chang, Elizabeth Kay-Im, Edward Liu, Charles Sie |
| 2005 | Shirley Ho | Shan Lee | Sikun Lan | Konrad S. H. Zhu | Linda Chen | Elizabeth Kay-Im, Charles Sie Charles Wang, Liping Yan |
| 2006 | Shan Lee | Sikun Lan | Christine Xu | David K. Lee | Linda Chen | Shiuan Chen, Shirley Ho, Elizabeth Kay-Im, Konrad Zhu |
| 2007 | Shan Lee | Sikun Lan | David K. Lee | Manwai Szeto | Jennifer Feng | Jia Ming Chen, Shiuan Chen, Will Chou Manwai Szeto. Wensheng Zhou, Konrad, S. H. Zhu |
| 2008 | Sikun Lan | David K. Lee | Wensheng Zhou | Manwai Szeto & Ying Zhang | Crystal Chen & Manwai Szeto | Jia Ming Chen, Katherine He, Wei Kao, Jason Wen, Fonda B. Wu |
| 2009 | Wei Kao | Wensheng Zhou | Yiu Man So | Ying Zhang | Manwai Szeto | Youping Gao, Katherine He, Sikun Lan, David K. Lee, Jason Wen, Fonda B. Wu |
| 2010 | Shirley Ho | Yiu Man So | Jason wen | Yutao He | Manwai Szeto | Joseph Chen, Youping Gao, David K. Lee, Allison Tong, Xu Yin, Wensheng |
| 2011 | Shirley Ho | Jason Wen | Yutao He | Youping Gao | Manwai Szeto | Joseph Chen, Shan Lee, Yiu Man So, Allison Tong, Mingsong Yin, Xu Yin, Wensheng Zhou |
| 2012 | Jason Wen | Yutao He | Liping Yan | Youping Gao | Manwai Szeto | Joseph Chen, Alex Hsu, Sheng-he Huang, Shan Lee, Nancy Lin, Dankai Liu, You Man So. Mingsong Yin |
| 2013 | Yutao He | Liping Yan | Dankai Liu | Mingsong Yin | Manwai Szeto | Joseph Chen, Alex Hsu, Sheng-he Huang, Nancy Lin, Jason Wen, Peter Zhang |
| 2014 | Liping Yan | Dankai Liu | Lan Saadatnejadi | Alex Hsu | Manwai Szeto | Joseph Chen, Yutao He, Jerry Huang, Sheng-he Huang, Zhao Feng Huang, Yingdi Liu, Peter Zhang |
| 2015 | Dankai Liu | Yue Rong | Lan Saadatnejadi | Dongmei Huang | Manwai Szeto | Xiwu Cao, Joseph Chen. Yutao He, Jill Long, Hui Su, Liping Yan, Peter Zhang |
| 2016 | Yue Rong | Lan Saadatnejadi | Dongmei Huang | Hui Su | Manwai Szeto | Xiwu Cao, Ja Fan, Yutao He, Jill Long, Wanwan Yang, Yang Yang, Peter Zhang |
| 2017 | Lan Saadatnejadi | Dongmei Huang | Hui Su | Jia Fan | ManWai Szeto | Yu Gu, Yutao He, Jill Long, Yue Rong, Charles Wu, Wanwan Yang, Yang Yang |
| 2018 | Dongmei Huang | Hui Su | Ping Zhou | Jia Fan | Yu GU | Yutao He, Jill Long, Charley Lu, Lan Saadatnejadi, Charles Wu, Ying Zhan |
| 2019 | Hui Su | Ping Zhou | Charley Lu | Jia Fan | Yu Gu | Bruce Liu, Dongmei Huang, Nancy Huang, Xudong Jia, Kangshi Wang, Ying Zhan |
| 2020 | Ping Zhou | Charley Lu | Bruce Liu | Jia Fan | Yu Gu | Nancy Huang, Xudong Jia, Hui Su, Ying Zhan, Kangshi Wang, Mingsong Yin |
| 2021 | Charley Lu | Bruce Liu | Chenxi Guo | Kangshi Wang | Jingxing Li | Ping Zhou, Nancy Huang, Xudong Jia, Jiachen Zhang, Ying Zhan, Jingtian Su |
| 2022 | Bruce Liu | Chenxi Guo | Kangshi Wang | Jia Fan | Ying Zhan | Nancy Huang, Xudong Jia, Jiachen Zhang, Jonathan H. Jiang, Jingtian Su, Charley Lu, Bruce Liu |
| 2023 | Chenxi Guo | Jonathan Jiang | Ying Zhan | Jia Fan | Kangshi Wang | Chenxi Guo, Jinxing Li, Bruce Liu, Alex Ma, Jingtian Su, Lei Xu, Jiachen Zhang |
| 2024 | Jonathan Jiang | Ying Zhan | Lei Xu | Jia Fan | Alex Ma | Chenxi Guo, Jinxing Li, Kangshi Wang, Xuemei Wei, Jiachen Zhang, Yongping Zhang |
| 2025 | | Lei Xu | Jinxing Li | Jia Fan | Xuemei Wei | Jonathan H. Jiang, James Lin, Jian Peng, Anthony Tsai, Kangshi Wang, Ying Zhan, Yongping Zhang |



ACKNOWLEDGEMENTS

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Secretary: Jia Fan (范佳)

Vice President: Jinxing Li (李金星)

Treasurer: Xuemei Wei (魏雪梅)

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Secretary: Jia Fan (范佳)

Vice President: Lei Xu (徐蕾)

Treasurer: Alex Ma (馬萬鈞)

Chairperson of the Board: Jonathan H. Jiang (蔣紅濤)

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2025-2026: Liping Yan (顏利平), Yue Rong (容躍), Dankai Liu (劉登凱), Yitang Zhang (張益唐), Jason Cong (叢京生), Jason Wen (溫俊山)

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Convention Committee: Jonathan H. Jiang (Chair), Chenxi Guo (co-Chair), Nancy Huang (Co-Chair), Jinxing Li, Kangshi Wang, Lei Xu, Ying Zhan

Fundraising Committee: Ying Zhan (Chair), Lei Xu (Co-Chair), Chenxi Guo, Jonathan H. Jiang, Xuemei Wei

Technical Symposium Committee: Yongping Zhang (Chair), James Lin

Entrepreneurship & Innovation Forum Committee: Jiachen Zhang (Chair), Xuemei Wei (Co-Chair), Aaron Ma

CESASC Lisa Lu Scholarship Committee/Judges: Jinxing Li (Chair), Liang, Lan, Yiwei Lu, Zheyu, Yang, Kay N. Zhang

CESASC JHJ Prize and STEAM Essay Contest Committee /Judges: Jonathan H. Jiang (Chair), Chenxi Guo (Co-Chair), Nancy Huang, Liping Yan, Chengxing Zhai, Ying Zhan

CESASC Scholarship Award Selection Committee: Jinxing Li (Chair), Yongping Zhang (Co-Chair), Yayun Du, Yifan Gao, Min Xu, Guangwei Zhang.

Public/Media Relation Committee: Lei Xu (Chair), Charley Lu (Co-Chair), Chenxi Guo, Ying Zhan

IT/Web Management and Social Media: Weiqun Chen (Chair), Jia Fan (Co-Chair), Chenxi Guo, Jinxing Li

Anniversary Journal Committee: Jonathan H. Jiang (Chair), Ying Zhan (Co-Chair), Chenxi Guo, Nancy Huang, Jinxing Li, Yue Rong, Liping Yan

Anniversary Journal Cover Design and Convention Flyer Design: Ying Zhan, Jenny Zhang

CESASC Anthem: Jonathan H. Jiang, Ying Zhan, Yu Xia, Tong Zhou



Photo Recaptures of 2024 CESASC Convention





Photo Recaptures of 2024-2025 Guest Activities





Message from Incoming CESASC President

Dear CESASC Members and Friends:

It is with profound gratitude that I step into the role of President of CESASC. I am truly honored by the trust and confidence you have placed in me, and I embrace this opportunity to serve our esteemed community with dedication, vision, and passion.

First and foremost, I extend my heartfelt appreciation to Dr. Ying Zhan, whose exceptional leadership over the past year has strengthened CESASC in remarkable ways. Under the guiding themes of Reflect, Reunion, and Restart, Dr. Zhan and the CESASC executive committee have not only reconnected us with longtime members but also welcomed new ones, breathing fresh energy into our association. Through their efforts, CESASC has grown stronger, more united, and more forward-looking. I am deeply grateful for their contributions and am committed to carrying their vision forward.



As we embark on this new chapter, I will uphold the spirit of Reflect, Reunion, and Restart, ensuring that our members, both old and new, remain at the heart of our mission. Our strength lies in our unity, and I pledge to do my utmost to foster deeper connections, nurture a spirit of inclusivity, and provide meaningful opportunities for all of us to grow, learn, and collaborate.

Looking ahead, I hope to guide CESASC with a vision centered on Integrity, Innovation, and Impact.

- Integrity is the foundation of trust and excellence. As an organization, we will remain steadfast in our commitment to transparency, honesty, and the highest ethical standards, ensuring that CESASC remains a beacon of credibility and reliability.
- Innovation is the driving force behind progress. As scientists, engineers, professors, and professionals, we must embrace new ideas, explore uncharted frontiers, and push the boundaries of knowledge and discovery. Together, we will create an environment that encourages learning, creativity, and groundbreaking advancements.
- Impact is our legacy. Beyond strengthening our own community, we must strive to leave a positive imprint on the world around us. By fostering collaborations, supporting future generations, and bridging the gap between the Chinese American community and the broader society, we can amplify our contributions and inspire meaningful change.

CESASC is not just an association - it is a family, a network of brilliant minds and compassionate hearts. I am committed to ensuring that every member feels valued, supported, and empowered. With integrity as our foundation, innovation as our compass, and impact as our mission, let us uphold our traditions together, embrace new possibilities, and create a future that reflects the very best of who we are.

Thank you, and I look forward to embarking on this exciting new journey ahead with all of you!

Lei Xu, Ph.D.
President, CESASC



SPONSORS FOR CESASC 63rd ANNUAL CONVENTION

CESASC is immensely grateful to the following donors for their generous sponsorship. Your contributions play a pivotal role in advancing our initiatives and achieving our goals.

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Ying Zhan**

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Jenny Zhang
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Friends, Partners and Supporters of CESASC

CESASC would like to express its profound gratitude to our friends, partners, organizations, and dedicated supporters for their unwavering commitment and invaluable contributions. Your support fuels our mission and enriches our community. **Thank you for making a difference!**





CESASC

南加州中華科工學會

SCHOLARSHIP FOUNDATION

YING ZHAN GOG SCHOLARSHIP

GRIT OPTIMISM GRATITUDE

Any questions, email to: cesascyingzhangog@gmail.com



The Ying Zhan GOG scholarship offers far more than financial assistance—it is a beacon of hope, recognition, and heartfelt support for students who embody the ideals of Grit, Optimism, and Gratitude. By championing individuals who embrace these qualities, the scholarship aims to foster resilient and empathetic leaders who meet life's obstacles with courage, uplift others through their positive outlook, and create a lasting impact by contributing to their communities.

This scholarship is committed to empowering its recipients to pursue both their academic and personal dreams without the weight of financial or emotional barriers holding them back. While it provides essential financial resources, the Ying Zhan GOG Scholarship also instills a sense of purpose, validation, and motivation, inspiring students to recognize and reach their fullest potential.

Looking ahead, the Ying Zhan GOG Scholarship envisions building a generation of compassionate changemakers who lead by example and serve as beacons of support to those around them. In doing so, we hope to spark a widespread wave of empowerment, positivity, and gratitude that touches every corner of society.