



南加州中華理工學會

Chinese-American Engineers and Scientists Association of Southern California
Since 1962 in USA

INNOVATION
FOR A BETTER WORLD



2023
ANNUAL
61ST
CONVENTION
JOURNAL



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WELCOME MESSAGE

FROM CESASC PRESIDENT 2022-2023

April 1, 2023

Dear CESASC Members and Friends:

We are delighted to welcome you to the 61st CESASC Annual Convention and Anniversary Celebration Gala! Over the past six decades, CESASC has built a rich and fruitful history, and we are excited to continue carrying our legacy forward into a new era. In the past year, we have witnessed significant advancements in technology, including the rise of artificial intelligence-powered tools like ChatGPT. While we are amazed by the capabilities of these tools, it's important to consider how they might impact our careers and daily lives. We chose **“Innovation for a Better World”** as the theme of the convention this year, hoping to share ideas about how innovations on all fronts help us build the world into a better place for its residents.



We start our event in the afternoon with two sessions of Technical Symposiums, where five speakers will share their insights in the fields of Biomedical Engineering, Cloud Computing and Metaverse. Our Entrepreneurship & Innovation Forum will feature a keynote speech about how technology innovations free up human capacity, as well as four speakers sharing their experiences and ideas in utilizing sciences and technologies to achieve business goals. Co-hosted with LEAP and CYPN, our Career Forum will try to inspire and support students and young professionals with their career advancement through a panel discussion, in-person mentorship and career clinics.

At the Convention Gala this evening, we will be honored to have Dr. Fan-Gang Zeng from UC Irvine talk about *Innovative Leadership in Basic and Translational Research*. Dr. Dean Ho from National University of Singapore will share his insights on the topic of *Practice-Changing Healthcare Through Deep Collaboration*. We will be proud to present Dr. Zeng and Dr. Ho the 2023 CESASC Achievement Award.

CESASC has been a leader in inspiring and supporting young scientists, engineers, entrepreneurs and artists. Congratulations to all 2023 recipients of CESASC Scholarship and Lisa Lu Scholarship, winners of the STEAM Essay Contest and the JHJ Prize for Fundamental Science! You will also see short videos of CESASC's history and milestones, as well as a review of our activities in the past year.

We would like to thank our sponsors who generosity made it possible to share the exciting programs with all of you. We would like to thank all the volunteers who have worked tirelessly to make this event successful year after year. It has been a fun and fruitful year serving the community, and we are committed to further CESASC's mission in the years to come.

Hope you enjoy the programs today, and I look forward to meeting you next year.

Sincerely,

Chenxi Guo
President of CESASC



JUDY CHU, Ph.D.
28th DISTRICT, CALIFORNIA

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Washington, DC 20515

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April 1, 2023

CESASC
428 S Mission Dr,
San Gabriel, CA 91776

Dear Friends,

It is with great pleasure that I congratulate the Chinese–American Engineers and Scientists Association of Southern California for its celebration of the professional excellence of Chinese American engineers and scientists at the 61st Annual Convention – “Innovation for a Better World”.



The Chinese-American Engineers and Scientists Association of Southern California (CESASC) has been positively impacting the fields of Science, Technology, Engineering, and Mathematics. The 61st Annual Convention, with its focus on recognizing the leading science and engineering professionals, is a platform to provide career and educational advancement opportunities, technical exchange, and fellowship of community service. Through recognition and unrelenting support, the CESASC and the science and engineering community will continue to push for innovation and discovery.

I commend the 61st Annual Convention attendees and would like to encourage you to continue protecting the interests and rights of scientists and engineers through organizational efforts, as well as continuing to gain knowledge through global and local networking.

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

Sincerely,

Hon. Judy Chu, Ph.D.
Member of Congress, 28th District



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**Assembly
California Legislature**

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MIKE FONG
ASSEMBLY MEMBER, FORTY-NINTH DISTRICT



April 1st, 2023

Terry Gou, President
Dr. Bruce Liu, Chairman
Chinese-American Engineers and Scientists Association of
Southern California (CESASC)

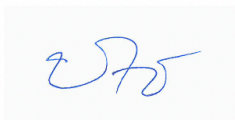
Dear Friends,

Congratulations to the Chinese-American Engineers and Scientists Association of Southern California (CESASC) on hosting their 61st Anniversary Annual Convention, "Innovation for a Better World" this evening at the San Gabriel Hilton!

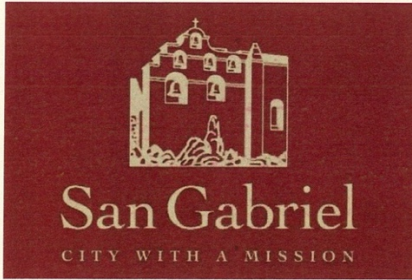
I give a round of applause for the mission of CESASC, which serves as a platform to enrich the understanding of their members through technical conferences, workshops, and global networking opportunities. As one of the largest Chinese-American professional organizations in Southern California, CESASC strives to inspire and mentor the next generation of Science, Technology, Engineering and Mathematics (STEM) leaders.

On behalf of the California State Assembly's 49th District, I am honored to celebrate CESASC's 61st Anniversary Annual Convention. I offer my congratulations and best wishes for the continued success of your organization.

Sincerely,



Mike Fong
Assembly Member, 49th District



April 1, 2023

Dr. Terry Guo
President
Chinese-American Engineers and Scientists
Association of Southern California

Dear Dr. Guo,

It is a great honor and pleasure to congratulate the Chinese-American Engineers and Scientists Association of Southern California (CESASC) on their 61st Annual Convention – Innovation for a Better World.

Founded in 1962, CESASC's dedication to promote and advocate the best interests, aspirations, and professional excellence of Chinese-American engineers and scientists, and to provide career and educational enhancement opportunities, technical exchange, fellowship and community service is commendable. The City of San Gabriel appreciates the hard work that CESASC has done in empowering the Chinese-American engineers and scientists.

My heartfelt congratulations and well wishes to CESASC for continued success!

Very truly yours,

Tony Ding
Mayor
City of San Gabriel

425 South Mission Drive, San Gabriel, California 91776 ~ (626) 308-2800



2023 CESASC Convention Daytime Program

南加州中華理工學會第 61 屆年會研討會

1:00 pm – 6:00 pm, April 1, 2023, San Gabriel Hilton

Innovation for a Better World (創新造福世界)

TIME	TOPIC AND LOCATION	
1:00 ~ 1:30 pm	Registration and Networking (Lobby)	
	Santa Barbara Room	San Francisco Room
1:30 ~ 3:15 pm	<p>Technical Symposium I Host: Jingtian Su, Technical Symposium Committee Chair</p> <p>1:30 – 2:05 pm Speech: Electrocardiography -- How to Reinvent the 100-year-old Technology Speaker: <i>Dr. Ruey-Kang Chang, UCLA</i></p> <p>2:05 – 2:40 pm Speech: Development of Bone Targeted Therapeutics and Diagnostics Speaker: <i>Dr. Shuting Sun, BioVinc</i></p> <p>2:40 – 3:15 pm Speech: Skin-Interfaced Wearable Biosensors Speaker: <i>Dr. Wei Gao, CalTech</i></p>	<p>Technical Symposium II Host: Chun-I Chen, Technical Symposium Committee Co-Chair</p> <p>1:30 – 2:15 pm Speech: Cloud Computing Technology and Application Speaker: <i>Dr. Yun Tian, CSU Fullerton</i></p> <p>2:15 – 3:00 pm Speech: The Metaverse: Concepts, Technologies, and Applications Speaker: <i>Dr. Chun-I Philip Chen, CSU Fullerton</i></p>
3:15 ~ 3:30 pm	Networking Break	
3:30 ~ 5:00 pm	<p>Entrepreneurship & Innovation Forum Host: Jiachen Zhang, Entrepreneurship & Innovation Committee Chair</p> <p>3:30 – 4:00 pm Speech: Tech Innovations Free Human Capacity Speaker: <i>Lu Zhang, Fusion Fund</i></p> <p>4:00 – 5:00 pm Panel: From Expertise to Enterprise: Deep Tech and Clean Tech Entrepreneurship Panelists: <ul style="list-style-type: none"> • <i>Dr. Steven Low, Caltech</i> • <i>Dr. Michael Giardello, Newlight Technologies</i> • <i>Robert Luo, Mi Terro</i> Moderator: <ul style="list-style-type: none"> • <i>Dr. Dan Fang, Vectors Capital</i> </p>	<p>Career and Leadership Development Forum Host: Dr. Yutao He, JPL/LEAP</p> <p>3:30 – 4:15 pm (San Francisco Room) Panel: Fight Career Winter with Smart LEAP Panelists: <ul style="list-style-type: none"> • <i>Dr. Dean Ho, National University of Singapore</i> • <i>Dr. Jacqueline Huang, East West Bank</i> • <i>Daniel Wu, Revolve</i> </p> <p>4:15 – 5:00 pm (San Gabriel Ballroom C) Mentorship and Career Clinic Mentors: <ul style="list-style-type: none"> • <i>Dr. Veronica Guo, USC</i> • <i>Dr. Yutao He, JPL/LEAP</i> • <i>Dr. Jacqueline Huang, East West Bank</i> • <i>Ruby Liao, US Bank</i> • <i>Aaron Ma, Cognitive Leap</i> • <i>Xiaojie Meng, Meng Law Group</i> • <i>Daniel Wu, Revolve</i> </p>
5:00 ~ 5:30 pm	Networking Session (San Gabriel Ballroom C)	
5:30 ~ 6:00 pm	Registration and Networking (Lobby)	

Floor Manager: *Dr. Kangshi Wang, Tong Zhou*



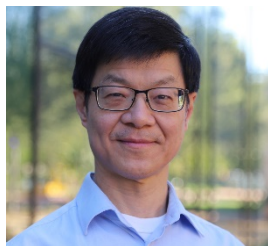
2023 Entrepreneurship and Innovation Forum Speakers

Keynote Speech: Tech Innovations Free Human Capacity



Lu Zhang, Founder and Managing Partner of Fusion Fund, is a renowned Silicon Valley based investor, a serial entrepreneur, and a Stanford Engineering alumna. Lu is a World Economic Forum (Davos) Young Global Leader (Class of 2018) and was recently selected as a Best 25 Female Investor by Business Insider. She has also garnered other accolades including the Featured Honoree in VC of Forbes 30 Under 30, Silicon Valley Women of Influence, and Town & Country 50 Modern Swans – Entrepreneurship Influencer. Prior to starting Fusion Fund, she was the Founder and CEO of Acetone.inc, a medical device company focused on non-invasive technology for the early diagnosis of Type II diabetes (acq. 2013). Lu is a frequent speaker at tech events and conferences such as Davos Economic Forum, Future Investment Initiative (FII), Forbes, Web Summit and SuperReturn, and also serves as a mentor and advisor to several tech innovation programs in Silicon Valley. Lu is the board member of the Youth Council of Future Forum and Future Science Award. Lu is also on the Jury Board of the Cartier Young Leader Award. She received her M.S. in Materials Science and Engineering from Stanford University.

Panel: From Expertise to Enterprise – Deep Tech & Clean Tech Entrepreneurship



Dr. Steven Low is the F. J. Gilloon Professor of the Department of Computing & Mathematical Sciences and the Department of Electrical Engineering at Caltech. Before that, he was with AT&T Bell Laboratories, Murray Hill, NJ, and the University of Melbourne, Australia. He has held honorary/chaired professorship in Australia, China and Taiwan. He has held honorary/chaired professorship in Australia, China and Taiwan. He was a co-recipient of IEEE best paper awards, an awardee of the IEEE INFOCOM Achievement Award and the ACM SIGMETRICS Test of Time Award, and is a Fellow of IEEE, ACM, and CSEE. He is well-known for work on Internet congestion control and semidefinite relaxation of optimal power flow problems in smart grid. His research on networks has been accelerating more than 1TB of Internet traffic every second since 2014 through a Caltech startup FastSoft (acquired by Akamai). His research on smart grid has enabled another Caltech startup PowerFlex (acquired by EDF Renewables) to become a leader in large-scale workplace electric vehicle charging. He received his B.S. from Cornell and PhD from Berkeley, both in EE.

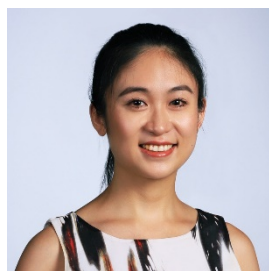


Dr. Mike Giardello serves as Chief Operating Officer at Newlight Technologies, known for carbon sequestration into biodegradable polymers through a novel gas fermentation process. He also serves as a Partner at Mount Wilson Ventures, an early-stage venture capital fund. Prior to his current roles, Mike co-founded Materia (acquired by Umicore and ExxonMobil) and served as its president, CEO, and CTO from 1999 through 2015. Materia is a technology company that has pioneered the commercial development of a Nobel prize-winning catalyst technology used in the manufacturing of pharmaceuticals, renewable chemicals and new classes of materials. He also serves as an advisor or Board member of several early-stage companies and non-profit institutes. Mike is a co-founder and past Chairman of Innovate Pasadena and was on the Advisory Board of the Pasadena Bioscience Collaborative Incubator and served as Vice Chairman of the City of Pasadena's Economic Development Task Force.



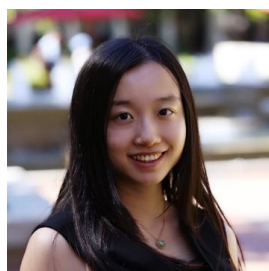
Robert Luo is the Founder and CEO of Mi Terro, a four-time entrepreneur with 2 exits. He has many years of experience in business development, marketing, and sales. He is a Forbes Under 30 Scholar, an Entrepreneur Hall of Fame at the University of Southern California Marshall School of Business, Top Ten Outstanding Chinese American Youth Awards, a recipient of "25 Under 25" by Social Entrepreneur Magazine, a recipient of the All America Chinese Youth Federation "Top 30 Under 30", a GreenBiz "30 Under 30" honoree, an Eco-Business A-List Youth Honoree, a 2020 APEC Voice of the Future honoree, a SOCAP - Social Capital Markets 2020 Game-Changing Founders of Color, IFSA "25 under 25," Global Shaker's Sustainable Fashion Innovator 2019, Global Good Fund Fellow, and Top 100 Asian American Emerging Leaders by theboadiQ. He owns 3 patents.

Panel MC



Dr. Dan Fang has been dedicated to climate technology R&D and commercialization for more than 10 years, including 5 years of operating experience in venture-backed startups and 3 years of experience in carbon capture and sequestration. Dan is a venture fellow at Vectors Capital focused on investing in early-stage climate technology. Dr. Fang is also an MBA candidate at UCLA Anderson School of Management and was a panel speaker at the World Government Summit in 2019. She graduated from Nobel Laureate George Olah's lab at USC with a Ph.D. in chemistry in 2018 with her Ph.D. research focused on designing durable and low-cost catalysts for methanol fuel cells. Before undertaking doctoral studies, she worked at the Chinese Academy of Science where she studied dye-sensitized materials for solar cell applications. Dr. Fang received her B.S. in Chemical Physics from the University of Science and Technology of China in 2011.

Forum MC



Dr. Jiachen Zhang is the manager of the Mobile Source Technology Assessment and Modeling Section at the California Air Resources Board. She leads a team of scientists and engineers to conduct original research projects, develop emissions inventory, and inform first-of-their-kind policies aimed at promoting electric vehicles and reducing air pollution emissions. Dr. Zhang is also an adjunct professor at the University of Southern California (USC), teaching *Air Pollution Fundamentals*. She earned her Ph.D. in Environmental Engineering from USC and her B.S. in Atmospheric Sciences from Peking University.

Dr. Zhang currently serves on the Board of Directors at Chinese-American Engineers and Scientists Association of Southern California and chairs its Entrepreneurship and Innovation Committee. She is also the secretary of the Air & Waste Management Association West Coast Section. She was named by the All America Chinese Youth Federation (AACYP) to the 2022 "Top 30 Under 30," an annual award for Asian American young entrepreneurs and aspiring leaders.



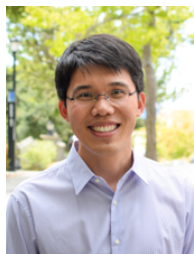
2023 Technical Symposium Speakers



Dr. Ruey-Kang Chang received an MD degree from National Taiwan University, and MPH from UCLA. He completed pediatric residency and pediatric cardiology fellowship, both at UCLA. He has been practicing pediatric cardiology for over 24 years, and is the Chief of Pediatric Cardiology, Harbor-UCLA Medical Center. Dr. Chang has been PI on many NIH grants, and has over 30 patents worldwide. He founded QT Medical in 2013 to modernize ECG and make it available to everyone to use.



Dr. Shuting Sun is a medicinal chemist with a focus on multifunctional phosphonate-based drug actives and imaging probes. She received her PhD in medicinal chemistry at the University of Southern California. She is currently the CEO of a startup company she cofounded, BioVinc, located in Pasadena. Dr. Sun leads the team in BioVinc and also works as co-PI and co-investigator on several NIH grants totaling over \$10 million, as well as raised investment of multi-millions to date. BioVinc is focusing on the development of bone-targeted therapeutics and diagnostics. The work in BioVinc has led to critical research findings in the fields of bone metabolism, dental abnormalities and cochlear abnormalities, which is accelerating BioVinc to achieve its goal to develop innovative new diagnostic tools and therapeutic agents for bone related diseases such as osteomyelitis, arthritis, and bone cancers.



Dr. Wei Gao is an Assistant Professor of Medical Engineering, Ronald and JoAnne Willens Scholar, and Heritage Medical Research Institute Investigator at the California Institute of Technology. He received his Ph.D. in Chemical Engineering at University of California, San Diego in 2014. In 2014–2017, he was a postdoctoral fellow in the Department of Electrical Engineering and Computer Sciences at the University of California, Berkeley. He is an Associate Editor of Science Advances. He is a recipient of IAMBE Early Career Award, NSF Career Award, Pittsburgh Conference Achievement Award, ONR Young Investigator Award, Sloan Research Fellowship, IEEE EMBS Early Career Achievement Award, IEEE Sensor Council Technical Achievement Award, 3M Non-Tenured Faculty Award, MIT Technology Review 35 Innovators Under 35, and ACS DIC Young Investigator Award. He is a World Economic Forum Young Scientist, a member of Global Young Academy, and a Highly Cited Researcher (Web of Science). His research interests include wearable devices, biosensors, flexible electronics, micro/nanorobotics, and nanomedicine.



Dr. Yun Tian is an Associate Professor in the Department of Computer Science at California State University, Fullerton. Her research interests include cloud computing technology, distributed computing, storage security, cloud security, parallel and high-performance computing, and computer science education. She received her Ph.D. from Auburn University.



Dr. Chun-I Philip Chen is an Adjunct Professor in the Department of Computer Science at California State University, Fullerton, where he has been teaching since 2012. He has a diverse research background, with interests that encompass several areas, including Advanced Database Systems, Big Data, Data Mining, Machine Learning, Software Engineering, Software Development Methodology, Digital Forensics, Cybersecurity, and Project Management. Dr. Chen is a highly sought-after speaker on topics related to Big Data and Cybersecurity, and his expertise in these areas is widely recognized.



2023 Career Development and Leadership Forum

Panelists and Mentors



Dr. Dean Ho is currently Provost's Chair Professor, Director of The Institute for Digital Medicine (WisDM) at the Yong Loo Lin School of Medicine; Director of The N.1 Institute for Health (N.1), and Head of the Department of Biomedical Engineering at the National University of Singapore.

Prof. Ho and collaborators successfully developed and validated CURATE.AI, a powerful artificial intelligence platform that personalizes human treatment for a broad spectrum of indications ranging from oncology to digital therapeutics and infectious diseases, among others. His team also developed IDentif.AI to optimize combination therapy design against SARS-CoV-2 and to address antimicrobial resistance. Recently, his team unveiled WisDM Green, a technology platform to sustainably address food security and optimize yield while preserving nutritional content.

Prof. Ho is an elected Fellow of the US National Academy of Inventors (NAI), American Association for the Advancement of Science (AAAS), the American Institute for Medical and Biological Engineering (AIMBE), and the Royal Society of Chemistry. He was also recently named to the HIMSS Future50 Class of 2021 for his internationally-recognized leadership in digital health. Prof. Ho is also a Subgroup Lead in the World Health Organization (WHO) Working Group for the regulation of AI for Health.



Dr. Jacqueline Huang is a Senior Vice President at East West Bank. She holds the position of Director of Loss Forecasting, responsible for developing and maintaining credit models as well as all aspects of data analytics related to allowance estimation.

Dr. Huang has a wealth of experience working overseas at DBS Bank in Singapore and UniCredit Group in Italy, heading the Credit Risk Modeling teams.

Dr. Huang has a Ph.D. in Mathematical Sciences from Johns Hopkins University and a B.A. in Applied Mathematics from Harvard University.



Daniel Wu is a Senior Vice President of Business Analytics at Revolve (NYSE: RVLV), a fashion retailer based in Los Angeles. He oversees Business Intelligence and Data Science, and provides strategic guidance to Marketing, Operations, Product, Finance and Merchandising. Prior to Revolve he was the Head of Web Analytics at Wayfair (NYSE: W). Daniel received his MBA from the Wharton School of Business.



Mentors



Dr. Veronica Guo is Assistant Professor of Clinical Business Communication at USC Marshall School of Business. Dr. Guo's research focuses on organizational and intercultural communication in business. She is particularly interested and specialized in identity development and strategic negotiation in various international organizational contexts. Her research has appeared on top-tier journals that examined topics such as organizational culture, conflict management, emotion management, communication technology use in business (e.g., social media, mobile), and leadership communication. Her pedagogical expertise in academia includes organizational communication, communication strategies in

business, leadership communication, business and professional communication, communication in non-western culture, and persuasion. Prior to academia, Dr. Guo held program and event coordinator positions in Chinese and U.S. multinational companies, specializing in intercultural business communication. She has been one of dedicated LEAP mentors in the past few years.



Aaron Ma is the Director of Clinical Research and Data Science with Cognitive Leap, a global digital mental health company focusing on mental health challenges such as ADHD. Cognitive Leap is a pioneer in the area of digital diagnostic and therapeutic systems, with the aim to empower and extend the capabilities of clinicians and therapists globally by providing products that are accessible, affordable and available to all.

Aaron oversees clinical trial design and implementation at Cognitive Leap. As Principal Investigator, Aaron successfully completed a multi-site clinical trial named "A clinical study to test the acceptability and feasibility of Virtual Reality Attention Tracker (VRAT) in assessing attention and inhibitory control." Aaron is leading the effort in 510(k) submission of the VRAT software as a medical device category to FDA. Upon FDA approval, it would become the world's first ever VR-powered diagnostic tool in the mental health field.

Aaron is also specialized in data science, machine learning, and computational neurology. He led the design of VRAT AI-engine development. Before joining Cognitive Leap, he was a biostatistician at Fulgent Genetics. Aaron holds a Bachelor of Science in Statistics and Applied Mathematics from the University of California at Berkeley, and a Master of Science in Bioinformatic from Columbia University.



Xiaojie Meng is the founder and managing attorney of Meng Law Group PC, and is also a lawyer certified by the California Bar Association as an expert in immigration law. She currently serves as executive committee member and vice chair of the Immigration Law Section of the Los Angeles Bar Association, a member of the American Immigration Lawyers Association, and a former member of the Consular Affairs Panel of the Southern California Chapter. She is also a contributor to Immigration Daily and the author of the official account of "Talking Immigration". She graduated from Fudan University and the Law School of the University of California, Berkeley.

Attorney Meng specializes in handling various immigration cases such as work visas, occupational immigration, and student status maintenance. With her outstanding working ability, she was selected as a Rising Star in the field of immigration law in Southern California by Super Lawyers for 3 consecutive years (2020-2023). Attorney Meng is enthusiastic about community service and has long served as a dedicated mentor and a generous sponsor in the LEAP Career Development Forum.



2023 CESASC Convention Evening Program

南加州中華理工學會第 61 屆年會晚宴慶典

6:00 pm – 9:30 pm, April 1st, 2023, San Gabriel Hilton

Innovation for a Better World 創新造福世界

5:00 pm	Check-in and Social	
6:00 pm	Begin Gala	MCs: Dr. Xing Pan, Ms. Niuyue Zhang
6:05 pm	Video – “Review of the Year”	CESASC Executive Team Members
6:10 pm	Welcome Remarks by CESASC President	Mr. Chenxi Guo
6:15 pm	Keynote Speech: Innovative Leadership in Basic and Translational Research	Dr. Fan-Gang Zeng
6:45 pm	2023 CESASC Achievement Award Presentation	Dr. Jason Wen
	Dr. Fan-Gang Zeng	
6:50 pm	Remarks and Certificate Presentation by Elected Officials	Dr. Charley Lu
	California State Assembly Member Mike Fong	
	San Gabriel City Mayor Tony Ding	
6:55 pm	Dinner Served	
7:00 pm	Dance – “The Moment of Beauty”	CUAAASC Liyuan Dance Team
7:05 pm	Music	
7:15 pm	Video – “CESASC Legacy”	CESASC Presidents
7:25 pm	Keynote Speech: Practice-Changing Healthcare Through Deep Collaboration	Dr. Dean Ho
7:50 pm	2023 CESASC Achievement Award Presentation	Dr. Jason Wen
	Dr. Dean Ho	
7:55 pm	Video – “In Memoriam”	Kristine Chang Yon
8:00 pm	2023 Student Awards Presentations	
	My Journey with CESASC	Dr. Linda Liao
	CESASC Scholarship	Dr. Xudong Jia
	Lisa Lu Scholarship	Dr. Xudong Jia
	JHJ Prize	Dr. Jonathan Jiang
	CESASC STEAM Essay Contest	Dr. Jonathan Jiang
8:25 pm	Speech: Science with Magic for Kids	Angell Liao
8:30 pm	Technical Symposium Summary	Dr. Jingtian Su
8:35 pm	Entrepreneurship & Innovation Forum Summary	Dr. Jiachen Zhang
8:40 pm	Career Development Forum Summary	Dr. Yutao He
8:45 pm	2023/24 CESASC Board Installation	Congresswoman Dr. Judy Chu
8:55 pm	Remarks and Certificate Presentation by Congresswoman Dr. Judy Chu	
9:00 pm	Certificate Presentation to Outgoing Board Members	Dr. Bruce Liu
9:05 pm	Peking Opera – “Song of Pear Blossom”	Beijing Normal University Alumni
9:10 pm	2023/24 CESASC President Speech	Dr. Jonathan Jiang
9:15 pm	Closing Remarks	Mr. Chenxi Guo

Floor Managers: Dr. Kangshi Wang, Dr. Weiqun Chen, Tong Zhou



2023 CESASC Achievement Award Recipient and Keynote Speaker

Professor Fan-Gang Zeng: Innovative Leadership in Basic and Translational Research



Fan-Gang Zeng
Ph.D.
曾凡鋼博士

Professor
Otolaryngology
School of Medicine

Director
Center for Hearing Research
University of California, Irvine

International Member
National Academy of
Engineering

Dr. Fan-Gang Zeng is Professor of Anatomy and Neurobiology, Biomedical Engineering, Cognitive Sciences, Otolaryngology–Head and Neck Surgery and Director of the Center for Hearing Research at University of California Irvine (2000-present). He is a leader in hearing science and technology, with 288 publications, 16848 citations and an h-index of 63 (Google Scholar, September 1, 2022).

Dr. Zeng is the Editorial Board Chairman for The Hearing Journal and Advisor for National Deafness and Other Communication Disorders Advisory Council, China National Ear-Nose Throat Center, American Tinnitus Association, Hyperacusis Research, Paris Hearing Institute, Providence Center, and Syntiant Inc. He has consulted for NIH, NSF, DoD, and numerous other public agencies and private entities.

Dr. Zeng led the development of the Nurotron 26-electrode cochlear implant (SFDA approval in 2011 and CE Mark in 2012) and SoundCure tinnitus suppressor (FDA clearance and CE Mark in 2011). He has helped raise \$100M for companies in artificial intelligence and healthcare.



2023 CESASC Achievement Award Recipient and Keynote Speaker

Professor Dean Ho: Practice-Changing Healthcare Through Deep Collaboration



Dean Ho
Ph.D.
何鼎博士

Provost's Chair Professor

Director
The N.1 Institute for
Health (N.1)

Director
The Institute for Digital
Medicine (WisDM)

Head
Department of Biomedical
Engineering

Department of
Pharmacology

National University of
Singapore

Member
National Academy of
Inventors

Prof. Dean Ho is currently Provost's Chair Professor, Director of The Institute for Digital Medicine (WisDM) at the Yong Loo Lin School of Medicine; Director of The N.1 Institute for Health, and Head of the Dept. of Biomedical Engineering at the National University of Singapore. He was previously Professor of Dentistry and Bioengineering, and Co-Director of the Weintraub Center for Reconstructive Biotechnology at UCLA, and Associate Professor of Biomedical Engineering and Mechanical Engineering at Northwestern University.

Prof. Ho and collaborators successfully developed and validated CURATE.AI, a powerful artificial intelligence platform that personalizes human treatment for a broad spectrum of indications ranging from oncology to digital therapeutics and infectious diseases, among others. His team also developed IDENTIF.AI to optimize combination therapy design against SARS-CoV-2 and to address antimicrobial resistance. Recently, his team unveiled WisDM Green, a technology platform to sustainably address food security and optimize yield while preserving nutritional content.

Prof. Ho is an elected Fellow of the US National Academy of Inventors (NAI), American Association for the Advancement of Science (AAAS), the American Institute for Medical and Biological Engineering (AIMBE), and the Royal Society of Chemistry. He was also named to the HIMSS Future50 Class of 2021 for his internationally-recognized leadership in digital health. Prof. Ho is a Subgroup Lead in the World Health Organization (WHO) Working Group for the regulation of AI for Health. He was a Plenary Speaker at the recent World One Health Congress, which featured remarks from dignitaries such as the Director-General of the WHO, Director the Welcome Trust, and WHO COVID-19 Technical Lead.

Prof. Ho has appeared on a number of popular TV programs, including the National Geographic Channel Program "Known Universe," and Channel News Asia's "The Hidden Layer: Healthcare Trailblazers". His discoveries have been featured on CNN, The Economist, National Geographic, Forbes, Washington Post, NPR, and other international news outlets.

Prof. Ho was named among Asia's Most Influential as well as Generation T by Tatler Asia, which honors those shaping innovation in the Asia region. He was recently bestowed with the Hero Award by Tatler Singapore for his real-world impact to the Singapore ecosystem and beyond. In addition, Prof. Ho is a recipient of the Tech Heroes from Crisis Pathfinder Award from the Singapore Computer Society, NSF CAREER Award, Wallace H. Coulter Foundation Translational Research Award, and V Foundation for Cancer Research Scholar Award, among others. He has also served as the President of the Board of Directors of the Society for Laboratory Automation and Screening (SLAS), a leading global drug development organization.



2023 Convention Gala Masters of Ceremony



Dr. Xing Pan
潘星 博士

Dr. Xing Pan is a graduate of Peking University's School of Economics and received his Ph.D. in business administration from University of Maryland in 2003. He has taught business undergraduate, MBA, EMBA, and Ph.D. students at University of Maryland, Indiana University, and University of California, Claremont Universities, and China, and was named as one of the favorite professors by students of UC-Riverside. His rich research, education, and consulting expertise in marketing analytics and e-business innovation has won multiple prestigious research awards from the Academy of Marketing Science, Economic Club of Washington D.C., and e-Business Research Center. He has also provided economist reports to US government for regional economic development. He has served as an editorial review board member or referee for a dozen of business academic journals and research grant programs, including American Marketing Association (AMA), the Academy of Marketing Sciences (MSI), and the Interactive Marketing Education Foundation (DMEF). He has been recently devoted to bridging business academics and practice, as well advancing youth education. He has been actively serving the community and is a former president of the Southern California Alumni Association of Peking University.



Kay Niuyue Zhang
张纽约

Kay Niuyue Zhang is a Los Angeles-based director and producer with a bachelor's degree in international Comparative Studies from Duke University. She was a CESASC Lisa Lu Scholarship recipient in 2021.

Kay's short film "Mother in the Mist" now available on Amazon Prime and PBS KCET channel, won the DGA student Award Grand Jury Prize for Best Women Filmmaker and the Jury Prize at the Emerging Filmmaker Showcase at the 75th Festival de Cannes. She also has extensive producing experience, with previous work winning the Gold Medalist of the 47th Student Academy Awards and the Special Jury Prize at the BAFTA Student Film Awards 2021.

Kay now works as a talent management associate at Range Media Partners and recently closed several Feature Film deals with Warner Brothers for clients.

Performers of Convention Gala

舞蹈: The Moment of Beauty 花样年华

单位: CUAAASC Liyuan Dance Team 南加高校联盟丽媛舞蹈团

演员: Pauline Jiang, Erica Lu, Shan Dan, Rose Liu, Sandy Shan, Julia Cheng, Tracy Li



Pauline Jiang 蒋伊萍



Erica Lu 卢枫



Dan Shan 单丹



Rose Liu 刘玫



Julia Chen 陈红英



Sandy Shan 单玉



Tracy Li 李梅



Lily Li 李莉

独唱: Song of Pear Blossom 梨花颂

演员: Soprano, Bin Wang 王彬

伴舞: Liyuan Dance Team 丽媛舞蹈团





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 Scholarship Fund
 General Shann Tzyy Kao Memorial Scholarships
 Dr. Jiin-Jen and Mrs. Sage Lee Scholarship Fund
 Tsai-Sun and Cho-Seng Chien Lee Memorial Scholarships
 The Anna and John J. Sie Foundation Scholarship Fund
 Grace Yu Memorial Scholarships
 Prof. June Chien Yu-Tsao Yu Memorial Scholarships (for a woman when possible)
 Dr. Sherman Shan Yu Memorial Scholarships
 Henry Chi Memorial Scholarship Fund
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 Sanne & Shan Lee Scholarship
 William Chang Memorial Scholarship

We thank our 2022-2023 Convention Donors and Supporters!

\$2,500 - \$5,000

JHJ Prize for Fundamental Science: Jonathan H. Jiang

UBS Wealth Management: Xuemei Wei

Anna and John J. Sie Foundation –

“In loving memory of Charles Sie – A great leader in the Chinese American Community”

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Shirley Ho's Book Sale Fundraiser 溢彩流光 (My Multi-colored Life)

for CESASC Scholarship Foundation

Donors' List



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Liping Yan, Cc Yu, Ping Zhou, Wensheng Zhou

The Foundation funds the CESASC scholarship program in science, engineering, medicine and humanities. Particular 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 and endowments, which are tax deductible to the extent allowed by law. Please make checks payable to "CESASC Scholarship Foundation" and send to Secretary M. Kwok, 5474 West 76th Street, Los Angeles, CA 90045-3208. (Donors' lists as of March 1, 2023).

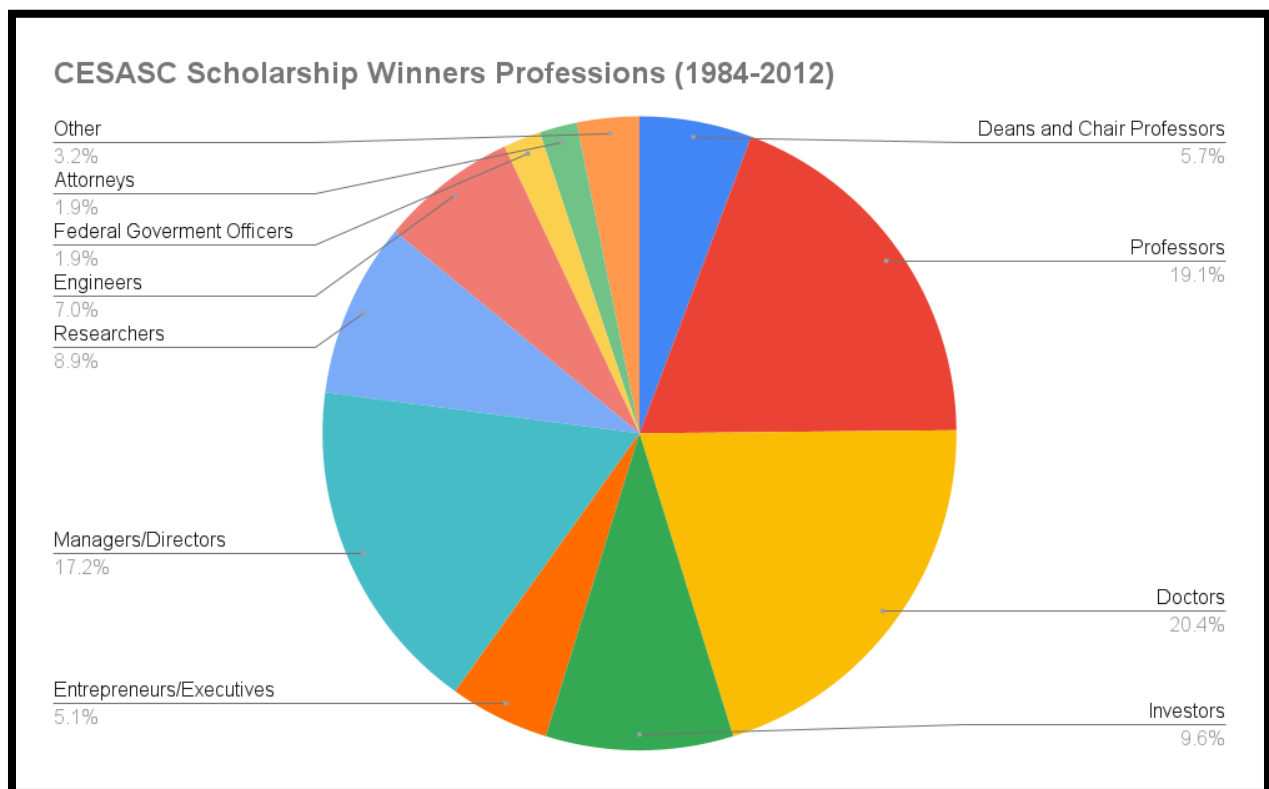


Statistics of CESASC Scholarship Awardees

The history of CESASC Scholarship program dates to early 1970s. The program was initially established by academicians who were passionate about encouraging students to pursue engineering, science, technology, as well as medicine and economics.

The annual CESASC journals have been documenting the scholarship awardees since 1984. Thanks to the Lisa Lu Foundation, the scholarship program has been extended to offer 3-4 Lisa Lu scholarships each year since 2020, which provides additional support to students majoring in literature and art.

With 4 decades' record of providing scholarships to students, CESASC now generates an impressive statistics of scholarship recipients. For the first time, we present a statistical breakdown of the occupations of scholarship recipients awarded between 1984 and 2012. We are proud to have supported many outstanding students who have gone on to become leaders and role models in their fields. In the following pages, we highlight some notable previous scholarship awardees.





Notable Previous Scholarship Awardees

Chair Professors



Dr. Brian J.F. Wong
1984 Scholarship
MD, PhD
Professor & Director
Fellowship in Facial Plastic Surgery
Assistant Chairman
Department of Otolaryngology
University of California, Irvine
(UCI)



Dr. SanSan Kwan
1991 Scholarship
PhD
Professor and Department Chair
Department of Theater, Dance, and
Performance Studies
University of California,
Berkeley(UCB)



Dr. Linda M. Liao
1986 Scholarship
MD, PhD, MBA
Professor and
W. Eugene Stern Chair
Chair & Executive Medical Director
Department of Neurosurgery
University of California, Los
Angeles (UCLA)



Dr. Debbie Leung
1994 Scholarship
PhD
Professor and Canada Research Chair
Institute for Quantum Computing
University of Waterloo



Dr. Ming C. Lin
1986 Scholarship
PhD
Distinguished University Professor
Dr. Barry Mersky and Capital One
Endowed E-Nnovate Professor
Former Chair
Department of Computer Science
University of Maryland



Dr. Evelyn Wang
1998/1999 Scholarship
PhD
Head and Professor
Department of Mechanical Engineering
Massachusetts Institute of Technology
(MIT)
Director
Advanced Research Projects Agency –
Energy (ARPA-E)
US Department of Energy



Dr. Quynh-Thu Le
1987 Scholarship
MD
Professor and Chair
Department of Radiation Oncology
Stanford University



Dr. Xianting Ding
2012 Scholarship
PhD
Professor
School of Biomedical Engineering
Deputy Director
Institute for Personalized Medicine
Shanghai Jiao Tong University



Dr. Wen Jung Li
1987 Scholarship
PhD
Associate Provost

Chair Professor
Department of Biomedical
Engineering
City University of Hong Kong





Notable Previous Scholarship Awardees

Professors



Dr. Stanley Chang
1988/1990/1991 Scholarships
Professor and Former Chair
Department of Mathematics
Wellesley College



Dr. Angela Yu-Chen Lin
1999 Scholarship
Distinguished Professor
National Taiwan University



Dr. Charles Y. Chiu
1992 Scholarship
Professor of Laboratory Medicine
School of Medicine
UCSF



Dr. Melvin Leok
1992 Scholarship
Professor of Mathematics
Co-Director, CSME Graduate
Program
UCSD



Dr. Yiqin Gao
1998 Scholarship
Changjiang Professor in Chemistry
College of Chemistry and Molecular
Engineering
Peking University



Dr. Hongjing Lu
2004 Scholarship
Professor of Cognitive
Psychology
UCLA



Dr. Shuo Tang
1998 Scholarship
Professor of Electrical and Computer
Engineering
Faculty of Applied Science
University of British Columbia



Dr. Kevin Tang
2006 Scholarship
Professor of Electrical and
Computer Engineering
Cornell University



Dr. David Lite Hu
1999 Scholarship
Professor of Mechanical Engineering
and Biology
Adjunct Professor of Physics
Georgia Institute of Technology





Notable Previous Scholarship Awardees

Investors



Dr. Terrence Yang
1985 Scholarship
Founder
Yang Ventures



Dr. Wei Lien Dang
2008 Scholarship
General Partner
Unusual Ventures



Christopher Chu
1987 Scholarship
Managing Director
Samsung Catalyst Fund



Dr. Chao Ma
2011 Scholarship
Senior Investment Strategist
Portfolio Manager & SVP
Wells Fargo Investment Institute



Dr. Hui Jin
1996 Scholarship
Managing Partner
JinYi Capital



Dr. Kevin Daiqi Linghu
2012 Scholarship
Partner
Citadel Securities



Tao Long
1997 Scholarship
Senior Research Analyst
Connective Capital
Management



Dr. Jun Deng
2012 Scholarship
Investment Partner
Joyance Partners



Vincent Hsu
2000 Scholarship
Partner
StepStone Group





Notable Previous Scholarship Awardees

Entrepreneurs/Executives



Dr. Roa Chung Joe Chen
1985 Scholarship
CEO
Goke Microelectronics



Dr. Vincent Michael Hsieh
1997 Scholarship
CFO
Geoforce



Dr. Albert S. Lee
1993 Scholarship
Founder, Chairman and CEO
Dali Wireless



Dr. Benjamin Wang
1998 Scholarship
Co-Founder
Chimera Bioengineering



Dr. Hubert Tien-Tsao Lin
1993 Scholarship
CFO
Lyra Health



Dr. Hanying Feng
2000 Scholarship
Co-Founder
Director of Engineering
Senticon



Dr. Haiyun Tang
1995 Scholarship
CEO
Adaptrum



Dr. Xiaowei Ding
2015 Scholarship
Co-Founder and CEO
VoxelCloud



Dr. Hui Jin
1996 Scholarship
Founder
MathCup Academy
Managing Partner
JinYi Capital





Notable Previous Scholarship Awardees

Directors/Managers



Richard Y. Liu
1994 Scholarship
Senior Director of
Oracle Applications Lab, Oracle



Dr. Laurence Eng-Chee Cheng
1995 Scholarship
Vice President of Clinical Development,
RAPT Therapeutics



Allan Hui
2001 Scholarship
Senior Director of
Product Management, PayPal



Dr. Xiaoqiao Meng
2005 Scholarship
Engineering Manager
Meta



Dr. Jerry Cheng
2006 Scholarship
Director of Engineering
Roblox



Dr. Leslie Lang
2006 Scholarship
Senior Vice President of Strategic
Development Microclinic International



Dr. Po-Jui Chen
2007 Scholarship
Senior Manager, Apple



Emily Tung
2008 Scholarship
Director of
New Business Verticals, DoorDash



Dr. Rui Luo
2013 Scholarship
Machine Learning
Scientist Manager, Amazon



Other Professional



Dr. Scott C. Hsu
1991 Scholarship
Senior Advisor, Under Secretary for
Science and Innovation
U.S. Department of Energy



Dr. Francis Fu-Shin Chong
1992 Scholarship
Senior Director, Emerging Markets
Division, Ministry of Trade and Industry
Singapore



Dr. Rain Che Bian
2007 Scholarship
Foreign Service Officer
U.S. Department of State



Dr. Linda Quan
2008 Scholarship
Program Manager of Pharmacy Education,
U.S. Dept of Veterans Affairs



Vivian Gee
2000 Scholarship
Strategist for Effective Philanthropy and
Impact-first Organizations
NationSwell, Stanford PACS



Michael Carl Tu
1993 Scholarship
Partner, Securities Litigation/Enforcement,
Cooley LLP



Dr. William K. Pao
2001 Scholarship
Partner and Chair of Fintech Group
O'Melveny's



Dr. Joseph Yitan Cheng
2004 Scholarship
AI/ML Research @ Apple, Senior Research
Scientist, Department of Radiology,
Stanford University



Dr. Jun Wang
2013 Scholarship
Principal
Boston Consulting Group (BCG)





2023 CESASC Scholarship Recipients



Xinhong Chen 陈欣泓

Ph.D. Candidate, Neurobiology and Neuroscience, Caltech
Received his B.S. degree in Biotechnology from Tongji University. His research interests lie in neuroscience and bioengineering. His thesis work focuses on developing novel methods for delivering therapeutic cargo to the nervous system and inventing new strategies for treating neurological diseases that are traditionally hard to target.

Lois and Henry Chi Memorial Scholarship



Pan Lu 鲁盼

Ph.D. Candidate, Computer Science, UCLA
Received B.S. degree in Electrical Engineering from Beijing Institute of Technology and M.S. degree in Computer Science from Tsinghua University. His research interests include natural language processing and machine learning. His long-term research goal is to build machines that can reason like human and collaborate with human.

Dr. Jiin-Jen and Mrs. Sage Lee Scholarship



Bowen Wang 王博文

Junior year undergraduate student, UCLA
His majors are in Climate Science and Geography. He has a wide interest in both physical and social impacts of anthropogenic climate change, particularly in droughts, floods, and wildfires in the Western US and tropical cyclones.

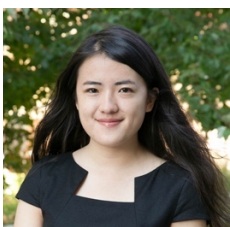
Barbara and Frank Miyake Scholarship



Canran Wang 王璨然

Ph.D. Student, Medical Engineering, Caltech
Graduated with honors with a B.S. from Shanghai Jiao Tong University and has been pursuing a PhD degree at Caltech since 2021. She is dedicated to advancing the field of chronic disease management through the development of cutting-edge wearable bioelectronics, with a particular focus on chronic wound care.

The Anna and John J. Sie Foundation Scholarship



Jiani Yang 杨佳妮

Ph.D. Student, Environmental Science and Engineering, Caltech
Jiani's research focuses on the microphysics and chemistry of aerosols and greenhouse gases (GHGs) on earth and exoplanets. In her free time, she enjoys walking her dog and hiking.

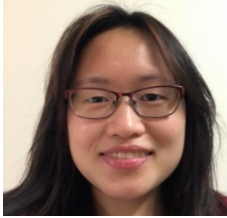
CESASC Scholarship Foundation Scholarship



Yang Luo 罗阳

Ph.D. Student, Material Science and Engineering, UCLA
Received his bachelor's degree in applied physics from Northeastern University (2019) and master's degree in electrical engineering from Tsinghua University (2022). Now he is a Ph.D. candidate in Materials Science and Engineering Department at University of California, Los Angeles. His current research interests include reconfigurable surfaces and flexible haptics.

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



Audrey Qian 钱怡琳

Sophomore, Microbiology, Immunology, and Molecular Genetics, UCLA
Undergraduate sophomore studying Microbiology and Immunology. She is also an undergraduate research assistant at the UCLA Liquid Biopsy Lab, working with post-doctorates to validate non-invasive technologies for early cancer detection and disease progression monitoring. In her free time, she enjoys reading and teaching piano to young students.

Sherman Shan Yu Memorial Scholarship



Brandon Hwa-Lin Bergsneider 白彬锐

M.D. Student, School of Medicine, Stanford
He earned a B.S. in Human Biology from Stanford and an M.S. in Bioinformatics and Theoretical Systems Biology from Imperial College London. He is a Knight-Hennessy Scholar, a Fulbright Scholar, and an NIH Cancer Research Training Award Fellow.

Sanne and Shan Lee Scholarship



Huan Wu 伍环

Ph.D. Candidate, Aerospace Engineering, UCLA
Received his B.S. degree from Harbin Institute of Technology. His research focuses on electron and phonon transport physics, the development of first-principle computational tools, high-performance materials for thermal applications, as well as innovations in sustainable energy technologies, including thermal management, solar energy harvesting, and thermoelectric energy conversion.

William Chang Memorial Scholarship



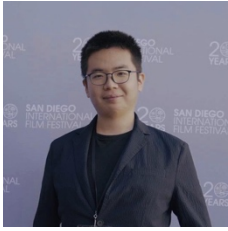
Crystal Li 李宜轩

Undergraduate Student, Statistics and Data Science, Tech Management Program, Minor Music, UCSB
Crystal is a UCSB senior studying data science, music, and tech management. She did data intern at Byte Dance, Ping'an Bank, Kuaishou Tech, LaLa move, etc. She also founded two startups in web3 and biotech ecommerce platforms.

CESASC Scholarship Foundation Scholarship



2023 CESASC Lisa Lu Scholarship Recipients



Zhongyu Wang 王中钰

M.F.A Candidate, School of Cinematic Arts, USC

Zhongyu (Robin) Wang is a Student Emmys-nominated film director and producer from the University of Southern California. Wang has brought his films to over a hundred international film festivals worldwide and is recognized for his coming-of-age Asian-themed dramas exploring the meaning of "home" and "homelessness" against the massive Asian diaspora.



Jinsui Song 宋金穗

M.F.A Candidate, School of Theater, Film, and Television, UCLA

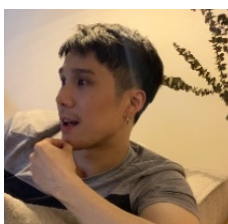
Ms. Jinsui Song is a writer/director based in LA. She obtained her bachelor's degree in Screenwriting from Beijing Film Academy. Her graduate thesis *Something Blue*, supported by the Panavision New Filmmaker Program, is currently in post-production. Her film endeavor is to explore the lives of Asian/Asian-American women and the many facets of their womanhood.



Yaxing Lin 林亚星

M.F.A. Candidate, Film and TV Production, USC

Yaxing Lin, a director and producer, studies Film and TV Production at USC. Her short films, which focus on underrepresented communities and issues, have been recognized at prestigious events such as the DGA Student Awards and Outfest Film Festival. Yaxing's career goal is to create stories that espouse female aesthetics, perspectives, and values, specifically from the Asian female perspective. She aims to improve the representation of Asian women in the film industry and increase the Asian F-Rate.



Xin Jiang 姜欣

M.F.A Candidate, School of Cinema, SFSU

Xin Jiang is a promising writer and director who is currently pursuing an MFA degree in Cinema at San Francisco State University. With previous experience in screenwriting, Xin is dedicated to showcasing Asian and Asian queer stories in his films. He advocates for his Chinese compatriots and calls for greater cohesion within the Asian American community.



2023 CESASC Scholarship Committee



Xudong Jia, Ph.D., P.E.
Associate Dean and Professor
of College of Engineering and
Computer Science, California
State University, Northridge



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



Yu Gu, Ph.D.
Program Director of NSF,
Associate Director of
Operations at JIFRESSE and
Adjunct Professor at UCLA
Editor of Geophysical Research
Letters



Dongmei Huang
Principal - Business
Management, Public Cloud
Infrastructure and Technology,
AT&T.
2017-2018 President and 2018-
2019 Chairperson of Board of
Directors, CESASC



Kenny Wang, Ph.D.
Engineer at Los Angeles
Regional Water Quality Control
Board

CESASC Scholarship Award Ceremony Speaker



Linda M. Liou
M.D., Ph.D., M.B.A.
Professor and W. Eugene Stern Chair
Chair & Executive Medical Director,
Dept. of Neurosurgery
David Geffen School of Medicine &
UCLA Health

Dr. Linda M. Liou is the W. Eugene Stern Professor & Chair of the Department of Neurosurgery at UCLA. She received her B.S. degree in Biochemistry and B.A. degree in Political Science from Brown University in 1987. She received her M.D. degree from Stanford University in 1991, and a Ph.D. degree in Neuroscience from UCLA. After completing her residency and fellowship training in neurosurgery at UCLA, she joined the faculty at the UCLA School of Medicine in 1998. She also earned an M.B.A. from the UCLA Anderson School of Management. Dr. Liou is a tenured Professor of Neurosurgery and was appointed Chair of the UCLA Department of Neurosurgery in 2017. She is the Director of the NCI-designated UCLA Brain Tumor SPORE (Specialized Program of Research Excellence). She was elected to the National Academy of Medicine (NAM) in 2018.



Jonathan H. Jiang Prize for Fundamental Science

Mathematics, Physics, & Chemistry

Named by Dr. Jonathan H. Jiang (JHJ), the CESASC JHJ Prize for Fundamental Science is created to identify and encourage early talents in basic research fields of mathematics, physics, and chemistry. The JHJ Prize awards annually to the most compelling young candidates who have demonstrated a commitment to fundamental scientific inquiry through their achievements witnessed by published research in mathematics, physics or chemistry.

Applicants are individually chosen by our distinguished members through a selective review process. The JHJ Prize is an honor reserved only for highly accomplished young scientists at age 26 or younger, who have dedicated their talent to fundamental science.

2023 Mathematics Prize 数学奖: Zongyi Li, 25

California Institute of Technology, Pasadena, CA, USA

It is for his development of a new neural operator for partial differential equations that parameterizes the integral kernel directly in Fourier space, which allows for an expressive and efficient architecture. The findings of this study enable more efficient and accurate simulations, leading to better predictions and decision-making in various applications.



Paper: Zongyi Li, et al., Fourier Neural Operator for Parametric Partial Differential Equations, *International Conference on Learning Representations*, 2021.

2023 Physics Prize 物理学奖: Nicole Ma, 16,

Sage Hill School, Newport Beach, CA, USA

It is for her contribution to the understanding of surface temperature projections for the 21st century and providing insights into the global warming rates of different regions. The findings of this study reinforce the need for immediate action to reduce greenhouse gas emissions and mitigate the impact of global warming.



Paper: Nicole Ma, et.al., 21st century global and regional surface temperature projections, *Earth and Space Science*, 9, doi:10.1029/2022EA002662, 2022.

Note: The winners for the JHJ Prize will receive \$1500 + a certificate at CESASC Annual Convection.



2023 CESASC STEAM Essay Contest

Topic: A Letter to E.T.

The 2023 CESASC STEAM Essay Contest asks participants to propose a letter and/or an artist drawing to introduce humanity to extra-terrestrial (ET) civilizations for inclusion aboard a near future interstellar spacecraft. This letter and drawing can also be used to teach humans about our story and to promote STEAM learning. The winning essays will be awarded a cash prize up to \$1000 and a CESASC Award Certificate.



Winners for the Awards

The 1st Prize: (\$1000, shared by three coauthors)

Lilian Guo, 4th grade, Santiago Hills Elementary, Irvine, CA

Jasmine Guo and Valerie Pan, 2nd grade, Renascence School International, Costa Mesa, CA

Essay: Hi Aliens!



Lilian Guo

Jasmine Guo

Valerie Pan

The 2nd Prize: (\$500)

Isabella Jew, 8th grade, Venado Middle School, Irvine, CA

Essay: A Brief Introduction of Humanity

The 3rd Prize: (\$250 each)

Yanru Su, 8th grade, Day Creek Middle School, Rancho Cucamonga, CA

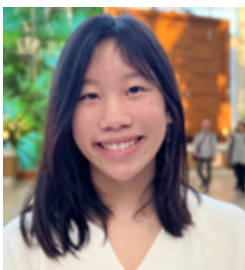
Essay: Hello! Can You See Me?

Kyle Kao, 8th grade, **Anderson Kao**, 6th grade, First Avenue Middle School, Arcadia, CA

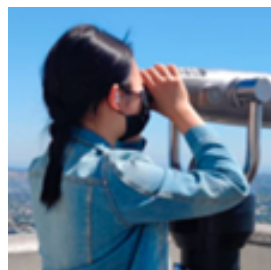
Essay: Dear Alien Friends.

Edward Ma, 2nd grade, Renascence school international, Costa Mesa, CA

Drawing: Welcome to Earth!



Isabella Jew



Yanru Su



Kyle and Anderson Kao



Edward Ma



2023 CESASC JHJ Scholarship and STEAM Essay Contest Committee



Jonathan H. Jiang (蔣紅濤),
Ph.D.
Principal Scientist at NASA/JPL,
California Institute of Technology.
Recipient of two NASA
Exceptional Achievement Medals;
Recipient of the Edward Stone
Award and the NASA Exceptional
Scientific Achievement Medal



Yu Gu (古瑜), Ph.D.
Program Director of NSF
Associate Director of Operations
at JIFRESSE, UCLA
Adjunct Professor of UCLA
Editor of Geophysical Research
Letters



Ying Zhan (戰穎), Ph.D.
Professional investor. Senior
Registered Enterprise Risk
Manager and Senior Risk
Appraiser. President of
International Branding App
Alliance, Founder CEO of Aprain
Inc



Liping Yan (顏利平), Ph.D.
Technical Specialist at the Los
Angeles Department of Water
and Power. Member of
CESASC's Honorary Advisory
Board, and reviewer for several
academic journals



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



Nancy Huang (黃楠), MS
Jet Propulsion Laboratory Senior
Software Engineer
Board Director of CESASC



Chengxing Zhai (翟成興),
Ph.D.
Jet Propulsion Laboratory Senior
Technologist, Data Scientist



STEM | SEMINAR SERIES

Preparing Future Generations to Careers Success!

Over the past year, CESASC and the All-Earth Citizens (AEC) Foundation have collaborated to organize a highly successful Science, Technology, Engineering, and Mathematics (STEM) Seminar Series. Our goal has been to highlight the importance of preparing future generations for successful careers by teaching students at all levels, and engaging with their parents and teachers. Through the seminar series, we have provided real-world examples and practical applications in STEM fields, ensuring that students are well-equipped with the knowledge and skills needed to succeed in society, industry, and academia. By participating in our STEM activities, students can develop valuable skill sets that will enable them to achieve their goals and make meaningful contributions to their respective fields.

Pursuing a career in STEM fields can be challenging, especially if you have not yet found your passion. Our seminar series aims to inspire students by showcasing how everyday experiences can lead to groundbreaking discoveries in science and technology. In addition to providing theoretical concepts in science and mathematics, we also answer crucial career questions, such as "What are the determinants of success in STEM fields?" "How can we excel in science and technology?", "What drives passion in these fields?" and "What qualities do industry and academic institutes look for in the best future scientists and engineers?" By addressing these questions, we hope to equip students with the knowledge and tools they need to navigate and succeed in the competitive world of STEM careers.

Dr. Jonathan H. Jiang
CESASC STEM Chair

Dr. Ying Zhan
CESASC STEM Co-Chair



ANNA & JOHN J. SIE
FOUNDATION

“To our friends and colleagues at CESASC, we wish you continued success in this year and all the years to come. We are proud to support the Scholarship Awards and wish to congratulate this year’s CESASC Award recipient Canran Wang, Ph.D. student, Medical Engineering, California Institute of Technology.”



THE ANNA AND JOHN J. SIE FOUNDATION SUPPORTS THE SHARING OF KNOWLEDGE AMONGST PEOPLES AND CULTURES THROUGHOUT THE GLOBAL COMMUNITY, WITH AN EMPHASIS ON MEDIA, BUSINESS, TECHNOLOGY AND EDUCATION. THE FOUNDATION IS A SUPPORTER OF THE “SIÉ CHÉOU-KANG CENTER FOR INTERNATIONAL SECURITY AND DIPLOMACY” AT THE UNIVERSITY OF DENVER, THE STARZ FILM CENTER, CU’S “THE SIE FAMILY DOWN SYNDROME BREAK-THROUGH RESEARCH INITIATIVE”, THE LINDA CRNIC INSTITUTE FOR DOWN SYNDROME, THE DENVER SCHOOL OF SCIENCE AND TECHNOLOGY, THE DENVER ART MUSEUM, THE FESTIVAL ITALIANO, AND NUMEROUS OTHER CIVIC, SOCIAL AND EDUCATIONAL INSTITUTIONS. THE FOUNDATION ALSO SPONSORS A MANAGEMENT IMMERSION PROGRAM FOR THE MEDIA EXECUTIVES FROM CHINA AT UNIVERSITY OF DENVER.

EXECUTIVE SUMMARY

1. BDP EnviroTech LLC is the inventor and developer, of a game-changing mainstream wastewater treatment technology called **Biological Double-efficiency Process**® (BDP®). It is a unique wastewater/water recycling technology and the first of its kind to achieve mainstream Simultaneous Nitrification/Denitrification.
2. It has introduced by the US EPA as a paradigmatic change in wastewater technology. The technology delivers the highest pollutant removal and significantly lower energy usage e.g. half the land footprint and energy consumption (i.e. capex and opex). BDP technology allows a substantial reduction in carbon footprint.
3. BDP is a global company with its headquarters in Maryland, USA. It has offices in California, USA, China, France, and India. As of today, BDP has installed over 60 full-scale projects worldwide in water and wastewater environments, in North America, Asia, and Europe.
4. At present, BDP's annual sales revenue has grown to nearly USD 10 million. By 2030, the global market is estimated to be \$1,057 B (combining wastewater \$489 B, water reuse, recycling \$497 and nutrient removal in water \$71B).
5. BDP has filed and been granted 11 patents.

Its technology has been acknowledged globally by prestigious organizations. This includes the United States Environmental Protection Agency (US EPA), the California Energy Commission (CEC), U.S. Congress, Institute of Marine and Environmental Technology (IMET), USA, and the Ministry of Housing and Urban-Rural Development, China. The French National Research Institute for Agriculture, Food and Environment (INRAE), described BDP as “**the most advanced wastewater treatment process technology they have tested**” and was a model for future plants.

6. BDP's major clients and partners include British Petroleum, World Bank, Vinci, Veolia, Marubeni, Beijing Capital Group, Sinopec and various public municipalities. BDP is looking for strategic business partners to increase its growth globally. Our goal is to grow BDP as one of the major players globally, in water, wastewater, recycling and reuse.
7. The opportunity for expansion lies globally. Governments are mandating new regulations to reduce pollutants, and recycling and reuse of wastewater. This will require upgrade of old plants and new greenfield plants, municipal and industrial. BDP has municipal, lake improvement, semiconductor chip manufacturing, leachate, pharmaceutical, oil and gas, paper mill, dyestuff, and cosmetic plants etc.





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ISEA (International STEAM Education Association) was founded and established as a non-profit association in California with a mission to explore the possibilities and needs of youth STEAM education. Our programs include providing online synchronous instruction for K-12 students all over the world, promoting international STEAM education exchange, sharing resources and offering opportunities to volunteer and participate in extracurriculars.

ISEA is also an officially certified organization for the President's Volunteer Service Award. We believe that humans can make science and technology for the good of our world to make it a better place.

www.internationalsteam.org

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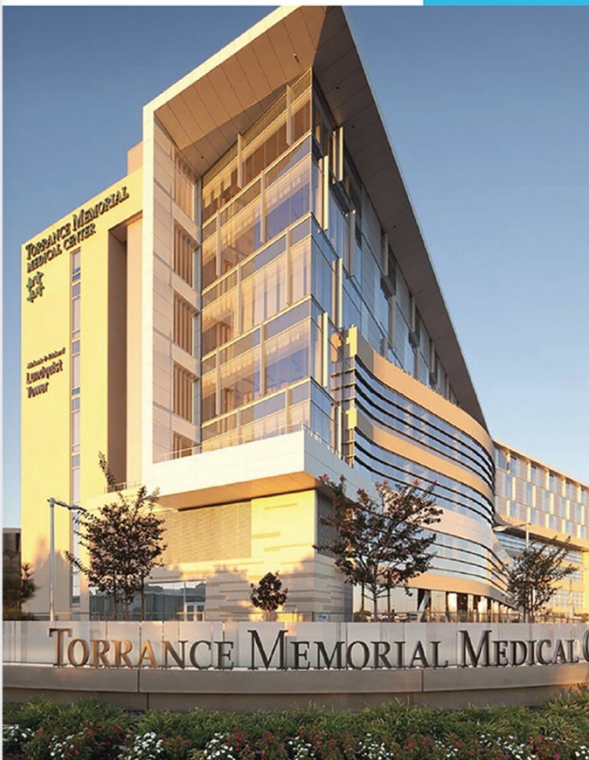


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CESASC New Era Talks

The CESASC New Era Talks are STEM seminars by high school students, which are an excellent opportunity for young minds to showcase their skills and knowledge in science, technology, engineering, and mathematics. These seminars provide a platform for students to report on their science and engineering work, including their research, experiments, and projects. By participating in STEM seminars, students can share their findings and discoveries with their peers, educators, and the broader community.

Through these seminars, high school students can gain valuable experience in presenting their work and communicating their ideas effectively. This helps to develop their confidence and prepares them for future academic and professional pursuits. Furthermore, the STEM seminars also promote critical thinking and problem-solving skills, as students must analyze their data and findings to present them in a clear and concise manner. These seminars also provide an excellent opportunity for educators and the broader community to support and encourage the next generation of scientists and engineers.

New Era Talks No. 1 (7/31/2022)

Vision of Human Settlement into the Solar System

Presented by:

Mike (Pengyue) Tian 田鹏悦

Eleanor Roosevelt High School,
Eastvale, CA

Jenny (Junze) Zhang 张君泽

Bonita High School, La Verne, CA

Helen (Zixuan) Liu 刘子玄

Reedy High School, Dallas, TX

**2022
NEW ERA TALKS**
**Vision of
Human Settlement
into the
Solar System**

Prof. Jonathan Jiang
STEM Program Guide

Mike Tian
Frist Prize

Jenny Zhang
Second Prize

Helen Liu
Third Prize

**Sunday
July 31, 2022
3pm - 4pm**

**Zoom Meeting
882 1346 5787
PassCode: STEM-0518**

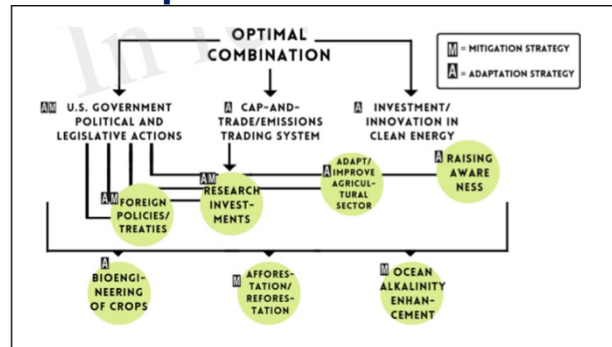
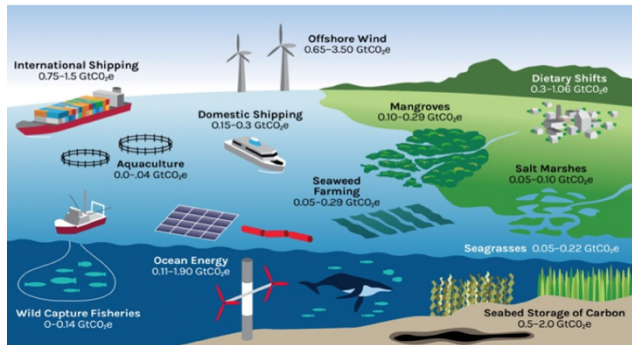
**Chinese-American Engineers and Scientists Association
of Southern California**
南加州中華理工學會 CESASC.org



New Era Talks No. 2

(10/8/2022)

An Assessment of Climate Change Solutions and Combinations for Effective Implementation



Presented by:

Jenny Zhang



Junze (Jenny) Zhang is an energetic, persistent high school student at Bonita High School who would never give up trying, even when all odds are against her, and even when she fails over and over again. Not only is she a pleasure to work with, she is also funny, enthusiastic, and thoughtful of everyone around her, and you can see her going out of her ways to help as many people as her ability allows her.

Kerry Zhang



Kairui (Kerry) Zhang is a junior at University High School in Irvine, California. He is an avid learner and is passionate about economics, political science, and giving back to the community. In his free time, he enjoys rewatching Marvel movies, hanging out with friends, and exercising.

Mary Zhang

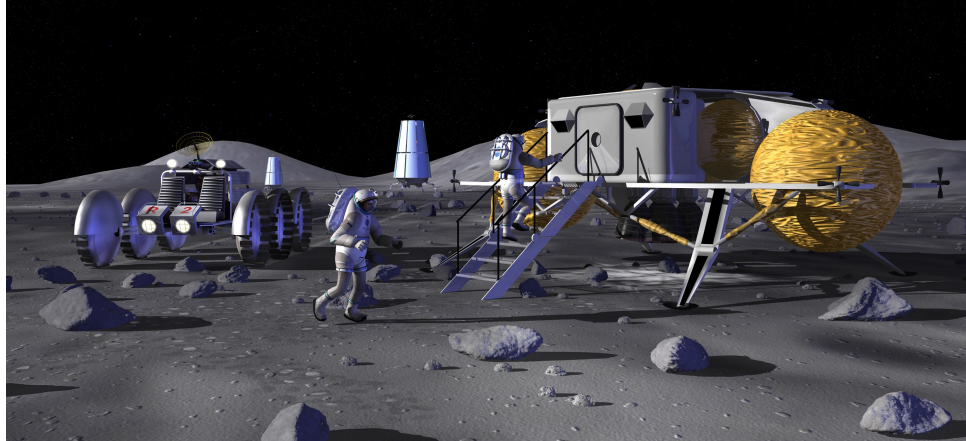


Mary Zhang is a junior at Diamond Bar High School in Diamond Bar, California. She loves diving into all and any biology and ecology discussions, and is committed to improving the lives of people around her. Through her high school experiences, she has learned the importance of valuable communication and the impact a community can create in society.

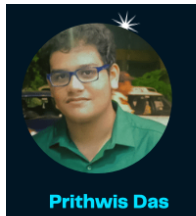


New Era Talks No. 3 (1/14/2023)

LunaX: The Moon Base Project

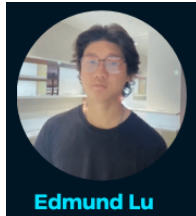


Presented by:



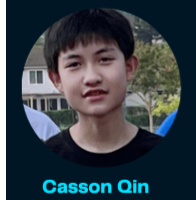
Prithwis Das

Prithwis Das, 12th Grade, Vivekananda Mission High School, passionate about STEM and likes sci-fi stories, computer programming and cycling.



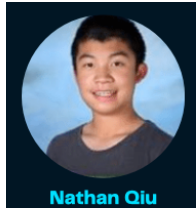
Edmund Lu

Edmund Lu, 10th Grade, Mira Costa High School, enjoys playing tennis and musical instruments.



Casson Qin

Casson Qin, 10th Grade, Diamond Bar High School, enjoys public speaking, playing violin, likes hanging out with friends.



Nathan Qiu

Nathan Qiu, 9th Grade, Canyon crest Academy, passionate about math, physics, space exploration, reading, hangout with friends, and watching movies.



PING Talks



CESASC proudly presents the first season of Profession Insights for New Generation Talks starting October 22, 2022. We invited seasoned professionals from different fields to introduce their daily lives, their experiences, and the current trend in their fields. All four speakers of Season One are prior recipients of the CESASC Scholarship.



Dr. Stanley Chang
1988/1990/1991
CESASC Scholarship

*Professor and Former Chair
Department of Mathematics
Wellesley College*

2022/10/22 Math

Prof. Stanley Chang has been teaching pure mathematics at Wellesley College outside of Boston since 2001. His research centers around a subfield of topology called surgery theory. His research monograph on this subject, entitled “A first course in surgery theory,” was published in 2021 in the Princeton Annals of Mathematics Study. Professor Chang’s PhD was received from the University of Chicago in 1999, which he attended after receiving his undergraduate degree from the University of California, Berkeley, and his master’s degree from the University of Cambridge, where he studied after being selected as a British Marshall Scholar. Other than mathematics research and pedagogy, he has a great passion for classical piano music and ancient and modern languages.



Dr. Sansan Kwan
1991 CESASC Scholarship

*Professor and Chair
Department of Theater, Dance
and Performance Studies
UC Berkeley*

2022/11/05 Performance Arts

SanSan Kwan is a Professor and Chair in the Department of Theater, Dance, and Performance Studies at UC Berkeley. Her research interests include dance studies and transnational Asian American studies. Her recent book, *Love Dances: Loss and Mourning in Intercultural Collaboration* (Oxford UP, 2021), is winner of the 2022 de la Torre Bueno© Award. She is also author of *Kinesthetic City: Dance and Movement in Chinese Urban Spaces* (Oxford UP, 2013) and co-editor, with Kenneth Speirs, of *Mixing It Up: Multiracial Subjects* (University of Texas Press, 2004). She has published her work in *Dance Research Journal*, *TDR*, *Theatre Survey*, *Representations*, and *Performance Research*, among other journals and anthologies. She remains active as a professional dancer and is currently performing with Lenora Lee Dance.



PING Talks



2022/11/19 Economics



Dr. Xiahua Wei
2010 CESASC Scholarship

*Associate Professor
of Economics
University of Washington*

Dr. Xiahua Wei is an associate professor of economics with tenure at the University of Washington. She is an applied econometrician in the economics of information technology (IT). Her research is motivated by technology, innovation, and competition in IT-enabled markets such as crowdsourcing, crowdfunding, fintech, user-generated content, and network industries. Her empirical research aims at discovering the effects of public policies on market competition, the design of mechanisms, and the management of innovation and customer strategies that can improve market efficiency and enhance innovation. She is an interdisciplinary scholar with expertise at the intersection of economics, management information systems, operations management, and marketing. Her research has been published in premier business journals such as *Management Information Systems Quarterly* and *Production and Operations Management*.

Dr. Wei obtained her Ph.D. in Economics at the University of California, San Diego. She also holds dual Masters' degrees in Economics and Management Science from the University of California, Irvine, and an undergraduate degree in Economics from Fudan University (with a concentration in International Economics and Trade).



Dr. Xiaochen Liu
2015 CESASC Scholarship

*Senior Research Scientist of
AI/ML
Meta*

2022/12/03 Computer Science/AI

Xiaochen is a senior research scientist at Meta. He works on developing advanced machine learning models to support content recommendation in Facebook app and Instagram. Xiaochen received his Ph.D. in Computer Science from University of Southern California, advised by Prof. Ramesh Govindan. His research includes recommendation system optimization, scaling vision analytics pipelines, and edge computing.



Photo Recaptures of 2022 Convention



Scholarship award ceremony



Erhu performance by Jason Wen



Inauguration ceremony of officers



Group photos of officers



Photo of CESASC members, awardees, convention performers and friends
(Convention event on 6/26/2022)



Photo Recaptions of 2022-2023 Activities



Convention celebration party (07/30/2022)



LEAP event (11/12/2022)



Christmas party (12/04/2022)



Dinner with Frank Chang 張懋中 (12/27/2022)



Lantern Festival Luncheon (02/05/2023)



Photo Recaptions of 2022-2023 Guest Activities



AAEOY event (08/06/2022)



PUAASC convention (11/06/2022)



SCCAEP event (11/06/2022)



Dr. Jiang's talk in SCCAEP event (11/06/2022)



CTUAASC convention (11/27/2022)



CAPA convention (01/07/2023)



**In Loving Memory of 1999 CESASC President - Dr. William "Bill" Chang (張靖生)
(9/15/1926 – 7/24/2022)**

By Dr. Wei Kao (高為雄), 1989 CESASC President



It was with great sadness that our good friend, Dr. William "Bill" Chang, President of CESASC for term 1999-2000, left us peacefully on July 24, 2022, while sleeping at his home. He was 95.

Bill was a stern supporter of CESASC for more than 30 years. He was an accomplished person in many areas encompassing engineering, banking, aviation and social works. As the results of his involvement in many fronts, he was considered as a valuable resource for CESASC when outreach connections were needed. During his Presidency, he held several seminars on Y2K, Inventions and Enterprises, Venture Capital and Intellectual Property, Consumer Affairs, and LA Airport Planning Strategy.

Bill was a good friend to many, compassionate and empathetic towards Chinese-Americans who needed advice. During his Presidency, 1999-2000, he also served as a Board Director of the non-profit organization, Asian American Economic Development Enterprises (AAEDE). He was able to establish links between new immigrants who needed educational/career helps and CESASC members by holding CESASC sponsored seminars frequently.

To complement the CESASC Scholarship program, in 2004, led by Eddie Liu, together with Bill Chang, Sherman Yu, and Wei Kao, formed a nonprofit (501 C3) CASTAF Foundation (Chinese- American Science and Technology Advancement Foundation). CASTAF provided necessary funding for Chinese university students who were seeking for US higher education opportunities but were unable to afford the costs.

A historically important incident occurred during the Presidency of Dr. Bill Chang. On March 5, 1999, a Chinese-American engineer, Dr. Wenho Lee, at the Los Alamos National Laboratory was accused of espionage for China. This accusation led to biased and derogatory behaviors against Chinese-Americans engineers and scientists working at all places. Bill Chang, then accepted an interview from the New York Times on December 13, 1999. His comment was quoted in a first page article entitled "Coalition Fears An Asian Bias in A Nuclear Case". In the Article, Bill Chang was quoted: "we are going to support him morally and monetarily", "this has to be proven beyond a reasonable doubt and the process has to be fair", "I have been getting a lot of calls from our members", "they are very upset and angry, they are very upset about what this means to them". The New York Times Article recognized Bill as the President of CESASC with a thousand members. Bill Chang's comments not only contributed to the release of Dr. Wenho Lee, but also highlighted the importance of CESASC, and the importance of having a voice in mainstream media. Wenho Lee was released in September 2000.

Have a great journey up there, my friend. We will miss you forever.



Bill Chang with President George H.W. Bush
During the Presidential Election (1988)



Bill Chang with Dr. S.R. Lin (2000)



Bill Chang at 2004 CESASC Annual Convention



Bill Chang among former CESASC Presidents
at the 45th CESASC Convention (2007)



Bill Chang at 2014 CESASC Luncheon



Bill Chang at 2016 CESASC Presidents Reunion Luncheon

Biography of Dr. William “Bill” Chang

Bill was born on September 15, 1926 in Hubei, China. He holds a Ph.D. in Applied Math from the University of Wichita. He later worked for various companies including Beechcraft, Lockheed, Hughes Aircraft, Boeing, and Rockwell International. After retiring from Rockwell, he focused on business and banking and helped found American International Bank and the AAEDE.

Bill also served as President of OCA-Asian Pacific American Advocates (formerly known as Organization of Chinese Americans), and was chosen as a California Elector for the Republican Party when Ronald Reagan and George Bush Sr. were presidents.



Dear Margaret and family:

Words cannot express our deepest condolences for the loss of Bill.

May Bill Rest in Peace.

It was an honor to have known such a great person through CESASC and we will truly miss him. Wishing you courage to face the days ahead and loving memories to forever hold in your hearts. You are always in our thoughts.

靖生前會長 安息主懷 • 闔府諸位 善自珍重

Chih-Ming & Shirley Ho (何志明 & 張翠姝/1988 & 2004 CESASC Presidents)

I first know Bill as a neighbor, as we lived next door to each other. I remember him well as a loving father to all his children. He had a reputation as an ex-playboy who flew airplanes and drove sports cars. When I knew him, he was nothing like that. He was a dedicated person both in the neighborhood and in Chinese-American Societies. He was a good investor who was very successful in real estate and banking. Bill served CESASC for many years in many capacities such as President and Chairman of the board. He led CESASC for several years, during which the older leaders were not active and the younger ones were not ready to take over. It was due to the efforts of Bill and several other members that CESASC has gone through the difficult years and continue growing and becoming one of the best organizations in Los Angeles.

I missed Bill and remembered him well.

Catherine Kwan (寧克嘉/1991 CESASC President)

I came to know Bill when he was in the banking industry, serving as a director of American International Bank. He was very active in the National Association of Chinese American Bankers as well. At the time I did not know that he has an advanced degree in math and aeronautical engineering and worked at many different aerospace companies before becoming a banker. These experiences showed his broad knowledge and diverse interests which made his life colorful. He later worked at a non-profit organization called Asian American Economic Development Enterprises Inc. helping new immigrants and small businesses for many years. He will be greatly missed by all of us at CESASC as a role model for his tireless community work.

Shan Lee (李珊/2005 CESASC President, CESASC Scholarship Foundation Chairman)

三十歲月獻科工，秋聲碎，夜寂靜。
珍珠簾卷玉樓空，敬悼靖生義重。
當年初識，燕香幼鄰，竹馬青梅弄。

四十屆大會主持，紀念刊，承協同。
年年還助事求人，嘉惠尋職科工。
今朝悼諳，相思折柳，無計不心慟!!!

John Chen (陳治宏/1996 CESASC Vice-President)



Bill Chang among former CESASC Presidents at the 40th CESASC Convention (2002)



I got to know Bill Chang more after his retirement as a pioneering engineer at Rockwell. He was my senior peer by a couple of decades, a professional in those earliest days after World War II when it was challenging to be accepted as a Chinese American space engineer. We met through CESASC. None of us knew he was committing to a “second career” with his increasingly assertive involvement with a growing Southern California Chinese American community in shaping its political and economic empowerment.

Few will remember now that inspired by March Fong Eu running for statewide office, he started something in the early 1970’s called the United Chinese American League. It would include several original members of CESASC, including those who would go on to elected office. To my knowledge it was the first organized grass roots advocacy group not party affiliated since C.A.C.A., the Chinatown civil rights organization, 60 plus years earlier. It morphed into the original Los Angeles chapter of the political education nonprofit OCA in Los Angeles. It held one of its earliest national conventions at UCLA. Bill’s political involvement continued to be definitive and important until his passing.

In community economics, Bill became a banker, one of the founders and officers of American International Bank. In this capacity he helped guide CESASC Scholarship Foundation finances, which I was managing. He is probably best remembered today especially in Chinatown and San Gabriel Valley for his long running management of the Asian American Economic Development Enterprises, dedicated to job training of Asian newcomers and emphasis in development of Asian American youth.

Always considerate and soft spoken, Bill’s vision and leadership were invaluable. I will miss his wisdom and friendship.

Munson Kwok (郭民生/1998 CESASC President, CESASC Scholarship Foundation Secretary)

As a former CESASC president, Dr. Bill Chang was a remarkable individual who made significant contributions to the CESASC community and beyond. Dr. Chang inspired many young engineers and served as an excellent role model with his dedication to his work and his ability to make a positive impact on the lives of those around him. His legacy and influence will be sorely missed by all who had the pleasure of knowing him.

Chun-I P. Chen (陳君儀/1995 CESASC Secretary)

While serving as the chairman of CESASC in 2002 and 2003, Bill and I worked closely together as I served as the vice-president of CESASC. During this time, we had many meetings including some at his office in Monterey Park, organizing various CESASC’s activities for the community. I was always struck by his warm smile and genuine compassion, which left a lasting impression on me. Bill’s unwavering dedication to serving the Chinese-American community was truly inspiring and will be greatly missed.

Liping Yan (顏利平/2013 CESASC President)

William was a visionary leader who was passionate about advancing the mission of CESASC and was instrumental in shaping the organization into what it is today. His dedication and contributions to CESASC will never be forgotten. He was a mentor, a friend, and a role model to many of us, and his loss is felt deeply by the entire community.

Rest in peace, William. Your legacy will always be remembered.

2022-2023 CESASC Executive Team



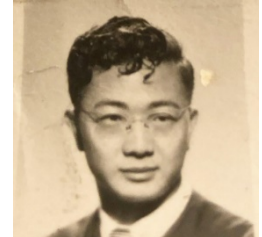
In Memoriam – William “Bill” Chang (1926-2022)

By Kristine Chang Yon, daughter of William Chang



Bill was born on September 15, 1926 in the Hubei province of China where his father was governor and played an important role in the Chinese Revolution of 1911. William’s father named his son the Chinese word for “peace”, following many years of political unrest that came after the revolution, and encouraged William to move to the United States where he could live a more peaceful and prosperous life.

William graduated from The University of Detroit, College of Engineering in 1953 and was the only Asian student in the entire graduating class. He studied aeronautical engineering and later went on to get his PhD in Applied Math from The University of Wichita. He also studied at Brooklyn Polytech and MIT.



The University of Detroit, Class of 1953

Bill worked for various aircraft and aerospace firms, including Beechcraft, Lockheed, Hughes Aircraft, Boeing, and Rockwell International. After retiring from Rockwell International where he worked on the space shuttle, he focused on business and banking and helped found American International Bank. When he eventually retired from banking, he worked at the non-profit organization AAEDE helping Asian entrepreneurs start their businesses.



William was often asked to represent Rockwell International in company marketing



William helped translate when Chinese officials came to visit Rockwell International

William's hobbies included flying airplanes, collecting stamps, singing karaoke and playing tennis. He played tennis a few times a week with his friends until he was about 90 years old and only stopped when the group was no longer allowed to play on their normal court.





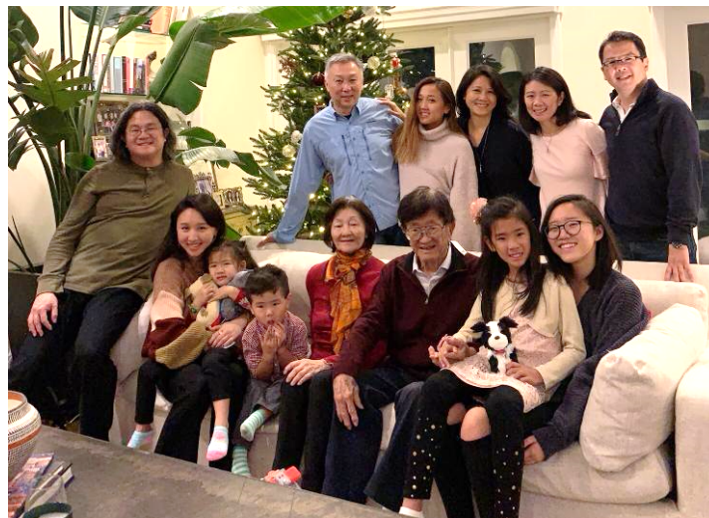
William also served as President of OCA- Asian Pacific American Advocates (formerly known as Organization of Chinese Americans), President of CESASC (Chinese Engineers and Scientists Association of Southern California), and was chosen as a California Elector for the Republican Party when Ronald Reagan and George Bush Sr were elected to the US Presidency.

William is survived by Margaret, his wife of over 50 years, and by his children, Mark and Kristine, step children Nonie and Leon, and grandchildren Jessica, Elena, Katie, Kaylee, Christian and Emilie.



When asked what inspires him most of all, his answer was simply “compassion”. William lived to serve and help others, and took every opportunity to share his sense of joy, wonder, and enthusiasm for life with his friends, family, and community.

We would like to thank all of his colleagues at CESASC for their friendship to William throughout the years – you all enriched his life in so many ways and gave him a true sense of purpose of helping others. He would have loved to attend the celebration of CESASC this evening and see you all...



In an effort to continue William’s legacy of helping others and in tribute to his dedication to CESASC, we are establishing the **William Chang Memorial Scholarship Fund** to further the education of the younger generation.



In Loving Memory of 1973 CESASC President - Dr. Tung-Po Lin (林同坡)
(12/31/1927 – 3/4/2023)

By Dr. Peter Dai (戴廣勳), 1976 CESASC President

My most respected dear big brother and friend!

The news of the passing of Dr. Tung-Po Lin came to me with great sadness!

He has always been like a big brother and a very good friend to me! The first time I heard his name was in Taipei, 1958, at the home of my then-fiancée, now my wife (Janie Dai 陳可珍). My fiancée was already at a Catholic school of nursing in Texas then, and I was still in Taiwan fulfilling my ROTC military duty after college graduation. Dr. Lin's mother came to my fiancée's Taipei home for a visit as the two families were long-time friends. It was the first time I heard Dr. Lin's name mentioned by his mother as Dr. Lin was already in the US then.



Years later, in 1966, our family moved to LA from Dayton, Ohio, to work at TRW. It was fortuitous to find Dr. Henry Chi, CESASC's originator, as my neighbor, and he talked me into becoming a member. Henry soon introduced me to T.P. and a few other close friends of his, Paul Leung of Bechtel, Kam Wong of Hughes, plus a few more friends from Aerospace Corporation, founding members of CESASC.

Both T.P. and I were very glad that we finally got connected, and I was awed by the accomplishments of Lin's family in the LA Chinese community. T.P. soon got me to participate in several CESASC task forces. We remained quite close over the years. He always urged me to do more projects benefiting the CESASC community.

When I went to Taiwan in 1992 for the Space Project, he came to Taiwan to visit me there. Always has the best interest of CESASC in his heart! Yes, I will miss him enormously as a big brother to me!



Tung-Po Lin at CESASC Annual Convention (1974)



**Tung-Po Lin at 2015 CESASC
Former President Reunion Luncheon**



同澤永霑啟迪後進 坡學廣識惠我科工

Dear Emily and family:

We feel really sad to hear about the passing of Prof. Tung-Po Lin, CESASC 1973 President!

Prof. Lin's superb leadership enabled his team to form two new committees, Community Relations and Special Programs, during his term. In addition, a pioneering computer program to print mailing labels saved us a lot of manual work. Furthermore, Prof. Lin organized a Peking Opera Fundraiser for CESASC Scholarship Program. Shirley began to know Prof. Lin better while he served as one of the Co-Chairs for CESASC 50th Convention. Two articles he wrote for our 50th Journal, Growing Pains: 1972-1981 and Preventing Disaster Caused by Nature as Well as by Men, both were highly commended by CESASC members and friends.

Professor Lin's academic accomplishments and contributions toward the development of CESASC made him a role model for generations of professors. May Prof. Lin Rest in Peace. You are always in our thoughts and prayers.

Chih-Ming & Shirley Ho (何志明 & 張翠姝/1988 & 2004 CESASC Presidents)

Prof. Lin was truly one of our great leaders and educational pioneers, especially in those earliest days in Southern California engineering and academics. We will miss him. Suellen and I express deepest condolences to his family and friends, many of us in CESASC.

Munson Kwok (郭民生/1998 CESASC President, CESASC Scholarship Foundation Secretary)

林同坡教授是一位大家敬仰的數學大師，在學術上取得了無數的成就，為人善良，正直，並且無私的貢獻良多學術知識，回饋社會。同坡教授同時也是南加州中華科工會與斐陶斐榮譽學會的強力支持者與幕後工作者，非常榮幸，當年勝榮主持這兩個組織時，能得到同坡教授的支持，出錢出力，貢獻良多，讓我工作中輕鬆許多，得到更好的成就，感謝上天讓我在生命中能遇見同坡教授這樣一位亦師亦友的貴人。

S.R. Lin (林勝榮/2000 CESASC President)

My sincere condolences go out to Prof. Tung-Po Lin's family and loved ones. He was a remarkable gentleman with a beautiful and humble mind. During my presidency in 2012, I had the honor of discussing with him about a collaboration education program between the US and China he helped propose. Called "Reverse Exp in Space", the program aimed to promote STEM education among youths in both countries and strengthen their friendship.

I also remember attending the award ceremony during my presidency when Prof. Lin was happily celebrating his wife for being recognized as the Best Mom on Mother's Day, nominated by CESASC. This was a testament to Prof. Lin's loving and devoted nature as a husband and father, and how much his family meant to him.

Prof. Lin's legacy as a dedicated educator and a loving family man will live on. He will be greatly missed. May he rest in peace.

Yutao He (何宇滔/2012 CESASC President)



I had the privilege of meeting Prof. Tung-Po Lin shortly after joining CESASC in 1987. Beyond our connection through CESASC, I also discovered that one of his nephews was a friend of mine from my time at Caltech. Whenever we crossed paths at events hosted by CESASC or other organizations, I always tried to speak with him. I was continually inspired by his kindness, wisdom, and graciousness. I had the honor of attending an award ceremony organized by the Joint Chinese University Alumni Association of Southern California, where his wife was recognized as the Model Mother on Mother's Day in 2014, as recommended by CESASC. Prof. Lin's humility, thoughtfulness, and dedication to serving our community will forever be an inspiration and model for me, as a scholar, a family man, and a servant of society.



Liping Yan (顏利平/2013 CESASC President)

Dr. Lin appeared on my talk show once. I was unaware of his age because he was very active when I interacted with him before the COVID-19 pandemic. I missed him a lot.

Dankai Liu (劉登凱/2014 CESASC President)

In condolences to Professor Tung-Po Lin. I am fortunate to meet Professor Lin several times in various CESASC events. A true professional example to all of us. Wish him Rest in Peace.

Yue Rong (容躍/2015 CESASC President)

We are deeply saddened to hear of the passing of our 1973 President, Dr. Tung-Po Lin. His passing is a great loss not only to his family and loved ones but also to the CESASC community and all those whose lives he touched.

Dr. Lin was a remarkable individual whose leadership and contributions to CESASC will never be forgotten, and his dedication to the organization and its mission was unwavering. He was a visionary leader whose insight and wisdom helped to shape CESASC into the thriving organization it is today. He set an example for all of us, and his stories will continue to inspire future generations of leaders for years to come.

During this difficult time, our thoughts and prayers are with Dr. Lin's family and loved ones. May they find comfort in the memories of his remarkable life and the knowledge that his legacy will never be forgotten.

2022-2023 CESASC Executive Team



In Loving Memory of Dr. Tung-Po Lin (林同坡)

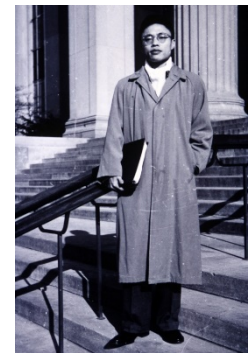
By Johnny Lin, son of Tung-Po Lin

Dr. Tung-Po Lin, 95, passed away peacefully on March 4, 2023 at his home in Northridge, California. Tung-Po was a beloved husband, brother, father, grandfather and great-grandfather. As a professor, he touched countless students' and colleagues' lives during his career. He will be greatly missed by all his family and friends but left a lasting legacy in our hearts.



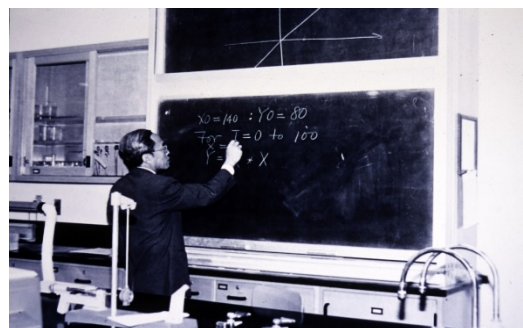
Tung-Po was born on December 31, 1927 in Beijing, China. He was the second of six siblings with an older sister, two younger brothers, and two younger sisters. He grew up primarily in SzeChuan through high school. In 1945, after WWII, his parents and 3 youngest siblings moved to Taiwan while Tung-Po and his 2 older siblings stayed in Nanjing to attend National Central University.

In 1949, during the Communist revolution, he finally rejoined his family in Taiwan. In the early 1950s, he was accepted to Massachusetts Institute of Technology (Boston) to study for his PhD in Physical Chemistry. His first job was at DuPont in Wilmington, Delaware as a chemical engineer.



He married his wife, Emily Sheng, on August 25, 1956. They had 4 children.

In 1961, he answered his calling to become an educator in the field of his first true academic love, mathematics, and moved his family to Northridge, California to become a professor of mathematics at California State University, Northridge. His career at CSUN spanned nearly 40 years where he served time as chairman of the mathematics department. He was also a founding member of the China Institute at CSUN, tasked with strengthening ties between the US and China through education. He was instrumental in starting several libraries in rural areas of China.





He was also a founding member of the San Fernando Valley Chinese Cultural Association (SFVCCA). He was a member of the Chinese American Engineers and Scientists Association of Southern California (CESASC) and served as their president in 1973. In his later years, he joined his wife and attended the Community Christian Alliance (CCA)– Mandarin Congregation.



Tung-Po is survived by his wife of 66 years, Emily,
his 5 siblings: Yula, Tung-Yung, Olivia, Julia, and Tung-Shan (Tom),
his 4 children: Patricia, Bessie, Jeannie, and Johnny,
his 13 grandchildren: Saliha, Ridwan, Khalil, Remington, Hassan, Hussein, Brandon, Jameson, Ethan,
Matthew, Katherine, Kina, Aki
and his 3 great grandchildren: Adara, Kalayla, Jude.

Memorial services/Celebration of Life will be held on
Saturday, May 20, 2023, 10:00 am
Community Christian Alliance, 15950 Chatsworth St., Granada Hills, CA 91344

In lieu of flowers, the family kindly requests memorial donations be sent to:
SFVCCA, 8224 Yolanda Ave, Reseda, CA 91335
CCA Mandarin Congregation, 15950 Chatsworth St., Granada Hills, CA 91344



“In Memoriam” Speaker



Kristine Chang Yon

Senior Marketing Manager, Oracle NetSuite
CESASC Scholarship Recipient in 1993

Kristine graduated Magna Cum Laude from The University of California at Berkeley, Haas School of Business with a B.S. in Business Administration. She later received her MBA from The Anderson School of Business at UCLA as an Advanced International Management Fellow. Her work experience includes Management Consulting at PricewaterhouseCoopers, Marketing at The Walt Disney Company, International Marketing at Kaplan Test Preparation, working for a small startup specializing in NFC Technology products, and now as a Senior Marketing Manager for Oracle NetSuite. Her father, Dr. Bill Chang, was President of CESASC in 1999.

CESASC Lifetime Members

Arlen, Michael	Chien, Raymond	Im, Elizabeth Kay	Long, Jill	Wang, Senlin
Bussel, Barak	Chin, Lester P.	Kao, Wei H.	Lou, Elizabeth	Wang, T. J.
Cao, Xiwu	Chu, Judy	Ko, Denny	Lou, Michael C.	Wen, Jason
Chan, Leo K. P.	Dai, Peter K.	Kwan, Catherine	Mak, Danton K.	Wong, Jimmy
Chan, oleven	Deng, Jun	Lan, Sikun	Mar, Nelson T.	Woo, Chai Wei
Chan, Thomas K.	Ding, Tony Y.	Lee, Alfred	Miao, David	Woo, Jer Kury
Chang, David D.	Fan, Jerry	Lee, Hugh	Qiu, James (Zhiyong)	Wu, C. H. Timothy
Chang, Milton	Gao, Youping	Lee, Hui-An	Rong, Yue	Wu, Marven Pan
Chang, Ning- Wu	He, Yutao	Lee, Jin-Jen	Saadatnejadi, Lan	Wu, Tim
Chang, William	Ho, Chih-Ming	Lee, Shan	So, Yiuman	Yan, Liping
Chao, George	Ho, Dean	Leung, Paul	Su, Hui	Yang, Tien Tsai
Chao, Pong	Ho, Shirley	Lim, Wah L.	Sun, Chieh	Yang, Wanwan
Chao, Shu-Kong	Hsiai, Tzung	Lin, Jimmy H.	Sun, George	Yang, Yang
Chen, Cheyang	Hsieh, Albert	Lin, Nancy	Szeto, Manwai	Yao, Kung
Chen, Donna	Hsu, Albert	Lin, Sheng-Rong	Tan, Hongjin	Yee, Henry
Chen, Jia Ming	Hsu, Alex	Lin, Trye-Lin	Tang, Yupai L.	Yen, Charles C.S.
Chen, Joseph	Hsu, Hui Pin	Lin, Tung-Po	Teng, Albert R. H.	Yeung, Derek
Chen, Peter W.	Huang, Alice	Liu, Bruce (Yufa)	Teng, Evelyn	Yin, Mingsong
Chen, Philip	Huang, Dongmei	Liu, Dankai	Teng, Ta-Liang	Yu, Pete
Chen, Shiuan	Huang, George Y.	Liu, Helen	Tsai, Mark F.	Yu, Sherman
Chen, Wendy H. D.	Huang, John	Liu, Edward	Tsai, Pin Fun	Yung, Yuk Ling
Chen, Y. Kenneth	Huang, Sheng-He	Liu, Paul I.	Tsiang, T. H.	Zhai, Endi
Chi, Henry W.S.	Hui, Angela	Liu, Robert W.	Tso, Jin (Sharon)	Zhang, Peter
Chi, Lois Wong	Hwang, Li-San	Liu, Wai-Min	Wang, Cun-Yu	Zhang, Yitang
Chiang, Albert C. L.	Im, Eastwood	Lo, Andrew	Wang, Li-Jean	Zhu, Raymond
Chiang, Martin		Loh, W. H. T.		Zhu, Konrad S.



Chinese-American Engineers and Scientists Association of Southern California 南加州中華科工學會 (CESASC) www.cesasc.org

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 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.



南加州中華理工學會簡介

Chinese-American Engineers and Scientists Association of Southern California (CESASC)

南加州中華理工學會（CESASC，簡稱科工會）成立於1962年，為一非營利專業團體，是美國南加州地區歷史最悠久、組織最完善的華美科技專業學會之一。這個由任職於南加州大學、高科技企業公司、及政府管理部門的華裔專業人士組成的科技組織，多年來致力於會員間的專業互動、科技交流、會員及團體權益福祉的維護，就業與教育相關資訊分享，以及開展社區服務活動。2011年科工會榮獲洛杉磯華美博物館（Chinese American Museum）第十五屆歷史締造者傑出科學暨工程領導獎（Excellence in Science and Engineering Leadership Award）。2019年科工會榮獲美國華裔民選官員協會（Chinese-American Elected Officials）年度社區合作夥伴獎（Community Partner of the Year Award）。

年會是科工會的年度重要活動，會中的專題演講人及傑出成就獎得主均為一時之精選，包括諾貝爾獎得主楊振寧博士、李政道博士、丁肇中博士、李遠哲博士、高錕博士及朱棣文博士、美/中/台兩岸三地國家科學/工程/醫學學院及中科院和中央研究院院士吳健雄博士、吳耀祖博士、錢煦博士、朱經武博士、何志明博士、楊福家博士、王曉東博士、張懋中博士、翁玉林博士及廖俊智博士、以及美國前勞工部趙小蘭部長、加州大學伯克利分校校長田長霖博士、加州大學聖塔巴巴拉分校校長楊祖佑博士、《時代》周刊1996年年度人物何大一博士，著名導演李安等。此外，中/港/台科技界著名科學家及政要多人亦曾應邀出席科工會學術交流活動及在年會中發表專題演講。

科工會於1986年首度推出大型科技研討會，為日後成立的華美科技組織樹立了楷模。研討會囊括的範圍甚廣，從航空太空到資訊科技、從環保運輸到生物醫學、從光電、建築到電子商務、以及近來益受重視的管理科學、奈米科技等項目均令與會者受益良多。年度研討會中也常邀請主流公司以演說、座談、展覽等方式為參加者提供科技界的最新動態。為加強與美國學界的合作交流，近年來科工會更與加州大學洛杉磯分校聯合主辦“奈米材料和應用元件國際研討會”（International Symposium on Materials Enabling），深獲好評。

鼓勵青少年的參與是科工會成立至今的主要目標之一。1987年獎學金基金會（Scholarship Foundation）成立，在會員及社區熱心人士的慷慨捐助下，定期為大學部或研究所的在學學生頒發績優及清寒獎學金，得獎學子並應邀在科技研討會中就其科研成果展示或發表演說。此外，科工會亦多次舉辦青少年科工競賽，獲得學生及指導教師的大力支持。值得一提的是，許多獎學金獲得者成為學界翹楚或行業精英，有的更因其傑出表現榮獲科工會傑出成就獎，給予科工會及獎學金基金會莫大的激勵。

八十年代末，科工會曾致力於全球合作計畫，藉以推展科技交流。歷年來，屢為太平洋地區的中、港、台、星、泰及美國的產、官、學界專業人士組成科技互訪團。此外，為培育科技人才並發展科技教育，科工會亦曾協助吳家瑋校長籌集資金與網羅人才，創辦香港科技大学。美國前國會議員及國會科學技術委員會前主席 George E. Brown, Jr.，曾在科工會1994年科技研討會的專題演講中，特別表彰科工會對亞太地區科技交流所作出的貢獻。

科工會的活動歷年來獲得多個主流公司企業及基金會的大力贊助，方能在全體理事羣策羣力下，藉由科技研討會、獎學金計劃、領導才能培訓及專題討論會等活動，積極吸收新鮮血液，拓展交流平台，並逐步發展成為南加州甚具影響力的華美科技組織。

具有六十一年輝煌歷史的科工會，仍充滿青春活力，在服務社區中發揮著重要的作用。



2022-2023 CESASC Executive Team Members

(in alphabetical order)



Dr. Chun-I Chen
Co-chair of Technical Symposium



Dr. Weiqun Chen
Chair of IT



Jia Fan
Secretary & Media Relation Chair



Chenxi Guo
President



Dr. Xudong Jia
Chair of Scholarship



Dr. Jonathan Jiang
Chair of JHJ Prize/STEAM Essay



Dr. Jinxing Li
Chair of Journal



Dr. Bruce Liu
Chairman



Dr. Charley Lu
Chair of Public Relation



Dr. Jingtian Su
Chair of Technical Symposium



Dr. Kenny Wang
VP & Co-chair of Convention



Dr. Jason Wen
Chair of Award



Dr. Ying Zhan
Treasurer & Co-Chair of Fundraising



Dr. Jiachen Zhang
Chair of Innovation Forum



Tong Zhou
Chair of Career Forum



CESASC Officers and Directors 1962-2023

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



CESASC Officers and Directors 1962-2023

Year	Chairman	President	Vice-President	Secretary	Treasurer	Directors
2000	Munson Kwok	S. R. Lin	Kang Wang	Barbara Nakamura	Shen Li	William Chang, Sam Feng, Wei Kao, Charles Sie
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		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	Yue Rong	Mingsong Yin	Manwai Szeto	Joseph Chen, Alex Hsu, Sheng-he Huang, Nancy Lin, Jason Wen, Peter Zhang
2014	Liping Yan	Dankai Liu	Lan	Alex Hsu	Manwai Szeto	Joseph Chen, Yutao He, Jerry Huang, Sheng-he Huang, Zhaofeng Huang, Yingdi Liu, Peter Zhang
2015	Dankai Liu	Yue Rong	Saadatnejadi	Dongmei Huang	Manwai Szeto	Xiwu Cao, Joseph Chen. Yutao He, Jill Long, Hui Su, Liping Yan, Peter Zhang
2016	Yue Rong	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, Jingtang Su
2022	Bruce Liu	Chenxi Guo	Kangshi Wang	Jia Fan	Ying Zhan	Nancy Huang, Xudong Jia, Jiachen Zhang, Jonathan H. Jiang, Jingtang Su, Charley Lu, Bruce Liu
2023		Jonathan Jiang	Ying Zhan	Jia Fan	Kangshi Wang	Chenxi Guo, Jinxing Li, Bruce Liu, Alex Ma, Jingtang Su, Lei Xu, Jiachen Zhang



ACKNOWLEDGEMENTS

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Message from Incoming CESASC President

Dear CESASC members and Friends:

It is with great honor that I am standing here today as the newly elected president of CESASC. I am deeply grateful for the trust and confidence you have in me to lead this esteemed organization.

I would like to thank Terry Guo and all the CESASC executive committee members for their hard work and dedication in making CESASC a more reputable and professional organization, and I look forward to continuing building upon their success by enhancing the connection and collaboration among all of us, our community, and our friends.

As engineers and scientists, we are striving for excellence, and we recognize the importance of collaboration, innovation, and inclusivity. Our association has been a driving force in advancing the fields of engineering and science, and I am committed to continuing this legacy.

As we move forward, we always face many challenges, both within our association, our fields, and in the world at large. As an association, we have a unique opportunity to come together and use our collective expertise to address these challenges. We must also address issues of climate change, technological advancements, and social justice. I am committed to fostering an environment of acceptance and collaboration, where we can share our ideas and work together to achieve our common goals.

I will continue to be a strong advocate for diversity, equity, and inclusion within our association and in the broader community. CESASC has a long-standing tradition of supporting and promoting Chinese American in engineering and science communities, and I will ensure that this remains a high priority. In addition, as you all know, our CESASC members and past presidents include scholars, scientists, entrepreneurs, experts, and exceptional leaders from both mainland China and Taiwan, and other parts of the world. As Chinese Americans, we share a common heritage and culture that can serve as a basis for collaboration. We should work together to embrace the spirit of collaboration and friendship in cultural exchange and scientific discovery.

I want to encourage all our members to take an active role in the association. We are only as strong as our members, and your support and participation are crucial to our success. As the President of CESASC, I welcome your feedback, ideas, and suggestions. I am also willing to hear your concerns and work with the board to address and resolve those concerns and issues.

I am excited about the journey that we will be on together, and, as your president, I look forward to working with the board and all CESASC members to make a positive impact on our community and beyond.

Thank you!

Jonathan H. Jiang
President, CESASC





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CESASC would like to acknowledge the following corporations, organizations, and individuals for their generous sponsorship.

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CHALLENGE WINNER
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12000
Families

74

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3

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6

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Lisa Lu Foundation

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CONGRATULATE

the executive team of 61st CESASC Annual Convention for producing an outstanding visual experience for all of us to enjoy! I sincerely hope the young Chinese American artists and scientists will inherit from CESASC the spirit of seeking excellence with unwavering pursuit to obtain their highest accomplishments in art and science.

CONGRATULATE

the four "Lisa Lu Scholarship" recipients, Zhongyu Wang, Jinsui Song, Yaxing Lin and Xin Jiang. You impressed me with your enthusiasm, persistence towards excellence and your technical knowledge and passion for film.