2009 Year Book
2009 CIE/USA NATIONAL COUNCIL

Officers

Chairman         Jun-Min Liu (劉主民)
Vice Chairman    Tien Lan (田尊衍)
Exec Secretary   Allen Chen (陳政仁)
Treasurer        Yung-Sung Cheng (鄭永松)

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Yung Sung Cheng (鄭永松), James Lee (李適中), David Fong (方玉山),
Thomas Wu (吳同慶), Bernard Shung (項春申)

Chapter Representatives

Dallas Fort Worth Chapter
Thomas Wu (吳同慶), Patrick Chang (張耀華), Meimei DiGennaro(范六妹),
Qing Zhao (趙慶), Julius Chiang (蔣祝), Jang-ShingChiou (邱建興)

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Ted Lee (李聰碧), Rong N. Chang (張榮), Chein-Chi Chang (張建禎)

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OCEESA Chapter
Wei-Yin Chen (陳惟寅), Wei-Ping Pan (潘偉平), Charles Cheng (程群)

San Francisco Chapter
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Eric Pai (白振寰), Barry Lin (林嘉孚), Larry Wang (王南雷)

Seattle Chapter
James Lee (李適中), Michael Chang (張彌弘), Lan Tien (田尊衍),
Jiin Chen (陳錦江), Roberto Lu (魯異), Kai Wang (王愷)
On February 27, 2010, CIE/USA hosted the 2010 Asian American Engineer of the Year award (AAEOY) award. Two prominent Asian American scientists were honored for their distinguished achievements with the Distinguished Science and Technology Award. The first recipient is Dr. Charles Kao, the 2009 Nobel Laureate in Physics. Dr. Kao won the Nobel Prize for his invention of optical fiber that enabled today’s broadband Internet communication. The second recipient is Harvard Professor Shing-Tung Yau. In 1982 Dr. Yau was awarded the Fields Medal, the highest award in mathematics. The Lifetime Achievement Award recipient is Dr. Arun Netravali, he was the President of Bell Laboratories, where he was responsible for overall research and development at Lucent Technology Inc.

The AAEOY Executive of The Year Award Recipients Are

Dr. Charles Kao
Dr. Shing-Tung Yau
Dr. Arun Netravali

Dr. Ambuj Goyal
Dr. Anita Liang
Dr. Dianne Chong
Dr. Qi Lu

IBM
NASA
Boeing
Microsoft

Mr. Roger Fujii
Mr. John Miyamoto
Mr. Wesley Ishizu

Lockheed Martin
Lockheed Martin
Navy
The AAEOY Award Recipients Are

Dr. Clifford Ho  
Sandia National Lab

Dr. F. Dong Tan  
Northrop Grumman

Dr. Faa-Ching Wang  
Texas Instruments

Dr. Sudhakar S. Shetty  
Boeing

Dr. Ying Sun  
Johnson & Johnson

Mr. Abhay Paranjape  
Lockheed Martin

Mr. Hung Le  
IBM

Mr. Peter Tschen  
NASA

The AAEOY The Most Promising Award Recipients Are

Mr. Amir Kazmi  
Lockheed Martin

Ms. Grace Jiang  
Boeing

Ms. Melissa Sandlin  
Northrop Grumman
2010 AAEOY Award Ceremony was held on February 28, 2010 in Hyatt Hotel New Brunswick, NJ
CIE-USA was the sponsor of the Best Residential Zone Award in 2010 National Engineers Week Future City Competition that took place on February 20, 2010
The Winner is Luna Llueva City from Cocopah Middle School, Scottsdale, AZ 85254
CIE/USA-Greater New York Chapter (CIE/USA-GNYC)

Officers

President          Jun-Min Liu  (劉主民)
Vice President     Paul Lin   (林少達)
Secretary          Fred Yan   (顏为民)
Treasurer          Rong Chang (張榮)

Board of Directors

Qi Bi (畢奇)  
Jonathan Chao (趙鴻翔) 
Rong Chang (張榮)  
Frank Cheng (陳沙鳧) 
Shu-Ping Chang (張書平)  
Xin He (何鑫)  
Joyce Qi Huang (黃琦) 
Jun-Min Liu (劉主民) 
Tsang-Bin Tseng (曾滄濱) 
Paul Lin (林少達)  
Shawn Shen (神 帅) 
Fred Yan (顏为民)  
Kang Xi (席康)  

National Council Advisor & Representatives

Wen Lin (林文)  
Jun-Min Liu (劉主民)  
Paul Lin (林少達)  
Jonathan Chao (趙鴻翔)  
Allen C. Chen (陳政仁) 
Ted Lee (李聰碧)  
Rong Chang (張榮) 
Chein-Chi Chang (張建祺)
Advisory Council

Yi-Kang An
Allen C. Chen
Tim Chen
Benjamin Cheng
Frank Cheng
Jonathan Chao
Hui Chin
Tsu-Wu Chou
Y.L.(Phil) Fan
Kuo-Kuang Hsu
Janpu Hou
Ted C. Lee
Charlie Liu
Sing Lin
Wen Lin
2009 Fiscal Year Activities

- On February 10, 2009, “Help a Child Become Leader” Program
- CIE-GNYC received an appreciation plaque from TECRO in May 2009 in donation for 8/8/2008 flood relief fund.
- On May 20, 2009, CIE-GNYC helped ITRI organized a Recruit Event in Newark Marriott Hotel
- On May 26, 2009, GNYC Secretary Fred Yan led a group of 17 graduate students from Princeton, Cornell, Rutgers, Drexel, Stevens Institute of Technology, and University of Pennsylvania to tour Johnson & Johnson Consumer Products Division in Skillman, NJ. Dr. Jue-Chen Liu of J&J corporate office helped organizing and leading the tour with an overview of the company and visits to research labs.
- On June 27, we hosted the First Zhan Tian-You Cup Tennis event at Princeton University Lenz Tennis Center. Part of World Journal’s report is attached (see below)
- On July 11, GNYC held the annual picnic at Holmdel Park. About 150 members, friends and families participated. A pleasant surprise was that the PCE (Parent-Children Education) association also held a picnic at the same site and invited the Celadon Youth Ensemble for a Chinese music performance, which all greatly enjoyed.
- We held the 2009 Annual Convention at the Newark Marriott Hotel on 10/31. The theme was “Innovate for Sustainable Prosperity.” In addition to institute awards and timely technical sessions, GNYC also issued high school scholarships and poster contest awards. We also provided a desk for the 2009 Taiwan Hi-Tech Talents Recruit (HiRecruit) Mission to reach talents.
- On November 20, GNYC VP Paul Lin attended a “Thank You” dinner held at the LeMeridian Hotel in Boston and received an appreciation plaque on behalf of CIE-USA/GNYCs from the HiRecruit Mission.
- On August 20, 2009, President Jun-Min Liu represented CIE-GNYC in a round table discussion in the NY Chinese Consulate General
- On November 20, 2009, after we selected Hyatt Hotel in New Brunswick, NJ as the venue for 2010 AAEYOY event, the first planning meeting was held there.
- On February 20, 2009, Future City Competition as part of the National Engineering Week events was held in Washington DC. Jun-Min Liu represented CIE as sponsor of the event.
- On February 28, 2010 AAEYOY Award Ceremony was held in Hyatt Hotel, New Brunswick, NJ. Over 500 distinguished guests from academia, industry and government attended the event, awardees include Dr. Charles Kao and Professor Shing-Tung Yau from Harvard University.
CIE-GNYC organized grad students to visit Johnson & Johnson Consumer Products Division in Skillman, NJ on May 26, 2009
“紀念京張鐵路建成百年-美洲中國工程師學會特舉辦‘詹天佑盃網球友誼賽’”

美洲中國工程師學會大紐約分會及普林斯頓大學分會為慶祝京張鐵路建成百周年及發揚本會創始人詹天佑的健康生活理念，特於六月二十七日在普林斯頓大學楞茲網球中心舉辦了第一屆‘詹天佑盃網球友誼賽’。

詹天佑排除萬難，於西元一九零九年建成了穿越八達嶺的京張鐵路，如今已屆一百周年。京張鐵路是第一條由中國的工程人員不假任何外力外資，完全靠自主創新建成的鐵路。它標誌了中華志士們力爭現代化的決心和毅力，也寫出了中美交往史上成功的一頁。

(圖文由美洲中國工程師學會大紐約分會提供. 文-林少達, 圖-顏為民)
CIE-GNYC held annual picnic in Holmdel Park, NJ on July 11, 2009
2009 CIE-GNYC Annual Convention was held in Newark Marriott Hotel on October 31
Board of Directors

Chairman: Meimei DiGennaro

Andy Lin 林國柱  Qing Zhao 趙慶  Gary Li 李燕平
Patrick Chang 張耀華  Julius Chiang 蔣祝  Grace Tyler 蔣金玉
Mitch Tseng 曾逸群  Linda Kao 高開怡  Charlie Chen 陳文燦
Meimei DiGennaro 范六妹  Charles Li  唐明珠

Advisory Council

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Cherie Sung 周稚芸  Keh-Shew Lu 盧克修
Jason Yeh 葉志勝  Tsen Hwang Lin 林正晃
Roger Hung 洪仁頂  Joe Jeng 鄭士杰
Sue Shen 楊素琪  Yi Zhang 趙毅

Officers

President  Qing Zhao 趙慶
Vice President & Convention Chair  Grace Tyler 蔣金玉
VP Secretary  David Chou 周家偉
VP Treasurer  Monica Fu 許明珠
VP Public Relations  Jang-Shing Chiou 邱建興
VP Youth Programs  Borwen Lee 李博文
2009 was a major milestone year for Chinese Institute of Engineers Dallas Fort Worth area Chapter (CIE/USA-DFW). CIE/USA-DFW celebrated its twentieth anniversary festively with the help from members of the US Congress, local political leaders, the Consulate General of China in Houston, leaders from conglomerates in the Dallas Fort Worth area, CIE officers and volunteers. To commemorate the anniversary five local city mayors proclaimed August 29, 2010, as “CIE Day” in each of their cities.

A special logo was designed for the special day. In conjunction with the anniversary, CIE/USA-DFW held a Green Symposium themed Global Transformation- The Future World which was attended by 300 engineers, a VIP reception with special guest, Honorable Mayor Tom Leppert, and a dinner banquet attended by over 500 dignitaries in DFW.
Thirteen industrial experts and scholars from Maryland, California, Taiwan, and local universities and corporations in the DFW Metroplex congregated at the beautiful convention center of Renaissance Hotel in Richardson TX to present and deliberate on topics on the development of green technology, and contributing to the overall theme of the 20th anniversary convention: Global Transformation – The Future World.

Mr James Alan Greer, P.E. Senior Vice President, Asset Management and Engineering, ONCOR, Green Symposium keynote Speaker with Dr Qing Zhao, (President) and Dr David Kao (Symposium Chair).

Banquet dinner guests were previewed with stunning video footage and keynote presentation by Mr. Mac Stevenson the Executive Vice President of Lockheed Martin, on the futuristic joint strike fighter airplane and its advanced technology.
One of DFW chapter’s goals for 2009 was to elevate its Technical Programs to provide valuable information on career transformation and re-assessment for local professionals during this economic down turn. With the strong leadership from our Executive Vice President, Technical Group Directors, energetic volunteers, and excellent support from sponsors, the chapter achieved high attendance at our technical events and received a lot of positive feedback from the audience. Some 160 professionals attended our Leadership Assessment & Mentoring Program (LAMP) with the theme “Career and Leadership in Transforming Time” in June 2009. The technical group also served about 250 professionals in the fields of Information Technology, Microelectronics, Telecommunications, Business, and Biotechnology in 2009. In addition, the chapter formed a 6th technical group, the Energy & Green Technology to gear up for 2010 focus in green technology and to meet needs of new sponsors and members.

In the 2009 economic situation, the uncertainties of employment and almost non-existent job opportunities called for CIE/USA-DFW to launch a program called Pizza and Buddy to facilitate professional networking. It was to provide a forum for our members, who were either engaging in job hunting, or, planning on career changes. Members get together and share the information and experiences on job seeking. More specifically, pizza and buddy offers help with reviewing resumes, or to find a connection in certain companies. Pizza and Buddy program also opens its door to college students seeking advice on job hunting and who are about to enter the job market. Pizza and Buddy program also welcomes companies needing to connect with potential employees and invite new brains into their organizations.
2009 CIE/USA-DFW Sponsored Activities and Events

CIE/USA-DFW officers and volunteers dedicated valuable time and effort for the benefit of members and the DFW community. Top quality programs with high caliber presenters were produced throughout 2009. The seminars, events and thought leaders brought to our members and community included:

<table>
<thead>
<tr>
<th>Date</th>
<th>Events and Speakers</th>
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<tbody>
<tr>
<td>Apr-04</td>
<td>Microelectronics – Trends in Analog and Embedded Semiconductors” seminar with speaker Dr. Venu Menon, Vice President for Analog Technology Development, Texas Instruments Inc. Dr Menon is responsible for developing manufacturing technologies for TI’s power management, high performance and high volume analog semiconductor chips. In the workshop Dr. Menon shed light on trends in electronics and their implications to analog and embedded semiconductors. Technology trends and the evolving role of semiconductor engineers were also discussed.</td>
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<td>Jun-06</td>
<td>MathComp/MathFun event gathered over 800 parents and children. Four hundred kids took the Math examination.</td>
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<td>Parallel Parenting Seminar with topic Preparing for College was presented by speaker Mr. Roger Hung, founder of CollegeTrack</td>
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<tr>
<td>Jun-13</td>
<td>A Junior leadership seminar was held in collaboration with CYLC</td>
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Leadership Assessment and Mentoring Program (LAMP)

Distinguished and accomplished speakers and panelists Lynne Grant from Raytheon, Edward Fullman from Texas Instruments (TI), Jung-Chih Chiao, Professor of Engineering at University of Texas at Arlington and Biomedical Engineering Program, University of Texas Southwestern Medical Center, Jerry Pi from Samsung Telecommunications America, Linda Kao from Cox School of Business Southern Methodist University, and enlightening commentator and moderator Thomas Wu from Raytheon formed the lineup of speakers addressing over 200 engineers.

Over 160 participants and engineers convened to listen and dialogue with LAMP panelists on June 13, 2009 at the Conference Center at CCCCD, Spring Creek Parkway, Plano.
Biotechnology - “Common Eye Diseases and Treatments” brought on Dr. Mike Christensen an Associate Director of Dry Eye Clinical Research at Alcon Laboratories, Inc and Director of Alcon’s in-house Research Clinic. Dr Christensen discussed various ocular pathologies and how they affect the eye and treatments.

Business - “Internet Safety and Security” seminar had Mr. Brian Wrozek, IT Security Director at Texas Instruments (TI), tackling the topic on Internet Safety and Security. Mr. Wrozek is responsible for all facets of electronic data and system security worldwide in TI. He also is a co-facilitator of the TI Trade Secret Protection Council. He leads his security Team to ensure the confidentiality, integrity and availability of TI’s proprietary information. Mr. Wrozek has been managing the security team for over 8 years. Mr. Wrozek shared samples of many types of computer security threats and tools and techniques computers, children, information safe.

(From left) Grace Tyler (EVP), speaker Brian Wrozek. Shawn Xiong (chair) and Qing Zhao (President)

CIE English Essay Writing Contest had over ninety entries from grades one to twelve.

Business - “ID Theft Prevention” presented Ms. Liu Yuan from Plano Police Department sharing facts related to the topic on “ID Theft Prevention”. Ms. Liu Yuan is a crime prevention specialist and designated Community Liaison to the Chinese Americans in Plano. Her presentation was packed with facts and observations related to ID theft & prevention in the north Dallas and Plano areas. Ms. Yuan’s shared specific examples and cases in the DFW area.

Business - “IT Job Market and Career Strategy” seminar welcome Mr. Jon Rockwood and Ms. Laura Siffermann, whom were both from the IT Consulting firm of TEK Systems, and who presented “IT Job Market and Career Strategy”. With combined experience of 15 years they shared industrial statistics and trends on recession impact on the IT job markets, studies on industries with the high job growth, and IT job market projection in the DFW area.

Jon Rockwood and Laura Siffermann discussed IT Job market in DFW. (From left) Jack Sun, Meimei DeGenmaro, Laura Siffermann, Jon Rockwood, and Grace Tyler.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tr>
<td>Jul-17</td>
<td>CIE/USA DFW Chapter Young Achiever Award program successfully selected sixteen winners who received trophies and scholarship cash awards. The sixteen winners were also hosted by Texas Instruments executive management and given a special tour and an inside scoop of TI manufacturing plant.</td>
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<td><img src="image" alt="2009 CIE/USA-DFW Young Achievers with Judges Committee" /></td>
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<td>Jun-18</td>
<td><strong>Youth English Speech Contest</strong> was conducted in collaboration with The Texas Dragon Toastmasters Club</td>
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<td><img src="image" alt="Judges and Contest Chairs" /> <img src="image" alt="Demo Speaker Darren McDonald" /></td>
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<td>Jun-20</td>
<td><strong>Chinese Youth Leadership Camp (CYLC)</strong> themed “Collaboration” is a week long summer camp where 250 students learned to collaborate and work in a team, on strengths and weaknesses and to appreciate and value their heritage.</td>
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<td><img src="image" alt="Chinese Youth Leadership Camp 2009" /></td>
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<td>Date</td>
<td>Event Details</td>
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<tr>
<td>Aug-08</td>
<td>Seminar on Business entitled “Patent and Intellectual Property Protection” had speaker Mr. Robert Groover, Esq., whose Chinese name is 古博天 and who has been practicing patent and IP law for 30 years interacting with engineers on issues of IP. Mr. Groover spent 7 years as a corporate attorney, and over 20 years in private practice. Over the years he filed 2000 patent applications for his clients, and argued many cases in trial courts. Mr. Groover is also a senior member of IEEE, and a life time member of CIE. Mr. Groover also holds an engineering degree, and is a named inventor.</td>
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| Aug-29 | Green Symposium – Global Transformation The Future World was the theme of the 2009 annual convention. Below are the accolades of speakers brought to participants. Keynote Speaker, Mr. Jim Greer, SVP, Oncor. Also Keynote Speaker, Dr. Peter Wu, President, from National Chiao Tung University, Taiwan.  
Green Energy track presented the topics and speakers below:  
- Electret Power Generators for Energy Harvesting, by Dr. Yu-Chong Tai, Professor, California Institute of Technology  
- Wind Generation: A Prominent Form of Renewable Energy, by Dr. Wei-Jen Lee, Director and Professor, University of Texas at Arlington  
- Practical Applications Utilizing Vibration Harvesting, by Mr. Keith Abate, Director, North American Business Development, of Perpetuum  
Green Living track offered the topics and presenters as below:  
- Integrated Power and Energy Microsystems for Implantable/Wearable Medical System-on-Chip Devices, by Dr. Wai-Chi Fang, Director and Professor, National Chiao Tung University, Taiwan  
- Roadmap of Smart Grid Implementation in Taiwan, by Dr. Chao-Shun Chen, Chair Professor, I-Shou University, Taiwan  
- Solid State Lighting Engine Development, by Mr. Xiantao Yan, CTO, LedEngin  
- Low Power Electronic Devices for SoC, by Dr. Albert Chin, Professor, National Chiao Tung University, Taiwan  
Green BioMed track presented  
- Bio-Electronic Application in Stem Cell Implantation in Stroke Patients, by Dr. Shinn-Zong Lin, Professor, China Medical University Hospital  
- Nanoscale Electronic Biosensor, by Dr. Wenchuan Walter Hu, Assistant Professor, University of Texas at Dallas  
- Medical Imaging System, by Mr. Eduardo Bartolome, System Engineer, Medical High Reliability, Texas Instruments  
- Medical Electronics Opportunities, by Mr. Shekar Rao, World Wide Strategic Marketing, Texas Instruments |
Nov-10 Pizza and Buddy – CIE/USA-DFW Reach Out and Connecting
The Pizza and Buddy program is popular with our Professionals and College students. The first Pizza and buddy event was launched in November 10. In this particular session the crowd was given updates on upcoming job fairs and new job postings in DFW.

Nov-22 Spelling Bee Contest was held by Sunray Chinese School with CIE/USA-DFW sponsorship

Dec-05 Telecommunications – 3G Cellular Standard and LTE Technology seminar invited Dr. Charlie Zhang, a senior manager with Samsung Telecom America (STA), who leads STA’s 3GPP LTE/LTE-A standardization projects in STA to give insights on trends in this technology area. Later in August 2009, CIE/USA-DFW was excited to know that Dr. Zhang was elected as the vice chairman of 3GPP RAN (radio access network) working group.

Microelectronics – Wireless Sensor Networks and Smart Energy Segment invited Dr. Moses Asom, who is President and CEO of SyChip, Inc. In 2000 Dr Asom co-founded SyChip which was acquired later by Mirata Electronics at $140M making it the 3rd best semiconductor M&A in the USA in 2006. Dr. Moses Asom holds several patents and has co-authored numerous articles in respected journals.

Also presenting in the microelectronics segment was Mr. Bill Muston of Oncor Electric Delivery Company on Smart Power Grid and its implications to electric companies and the millions of electric consumers.
Finally, CIE/USA-DFW is pleased to report it recently signed a Memorandum of Understanding (MOU) with the Pu Dong Association from Shanghai in a visit by Pu Dong aimed at strengthening ties in technological and economic development. Pu Dong Association is a 6000 member association of Professionals in Science and Technology in Shanghai, China. Pu Dong’s visit to Dallas was hosted by members of CIE/USA-DFW Board represented by Grace Tyler, Mitch Tseng, and Jack Sun. The MOU formalized a relationship between Pu Dong and CIE/USA-DFW in efforts to jointly promote and facilitate progress in technology and engineering, and to encourage cooperation among the engineers and scientists from both associations.

The Pu Dong delegates from Shanghai with Grace Tyler, Mitch Tseng and Jack Sun of CIE/USA-DFW

A Memorandum of Understanding sealed the collaboration between
Pu Dong Association of Shanghai and CIE/USA-DFW of Dallas
### Officers

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
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<tbody>
<tr>
<td>President</td>
<td>Ken S. Chen</td>
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<tr>
<td>Vice President</td>
<td>Leo Jaw</td>
</tr>
<tr>
<td>Secretary</td>
<td>Jin Wu</td>
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<tr>
<td>Treasurer</td>
<td>Pengchu Zhang</td>
</tr>
</tbody>
</table>

### Board of Directors

- Han-Min Chang
- Ken S. Chen
- Leo Jaw
- Willie Luk
- Jin Wu, Lin Ye
- Pengchu Zhang
- Wei Zhou

### Advisors

- I-Ming Chen
- Yung-Sung Cheng

### National Council Representatives

- Ken S. Chen
- Yung-Sung Cheng
- Leo Jaw
2009 Fiscal Year Activities

We held our 7th Annual BBQ Picnic on September 19, 2009 and over 80 people attended this event. We successfully recruited half dozen of new members during this event.

![Photos from the 7th Annual BBQ Picnic held on September 19, 2009.](image1)

On October 4, 2009, we hosted the 2009 Fall CIE-USA Nationla Council (NC) meeting held in the University of New Mexico’s Demenici Center for Health Sciences Education, Albuquerque, New Mexico. In the evening on October 3 and in the early morning on October 4 prior to the NC meeting, we escorted the NC representatives to observe the Albuquerque International Balloon Fiesta. The NC reps who attended the Balloon Fiesta all seemed to enjoy the unique experience.

On January 23, 2010, we held our ACES-NM Winter Seminar Series with two distinguished speakers, one offered insights on the commercialization of solar technology and the other discussed the science of influenza, including H1N1. We were fortunate to have Dr. Hong Hou, Chief Executive Officer of Emcore Corporation (which is a publicly traded high-tech company with headquarters located in Albuquerque’s Technology Park near Sandia National Laboratories) as our first speaker. Dr. Hou’s presentation was titled “Harvesting Solar Energy: Status, Challenges, and Opportunities”. Our second speaker was Dr. Wanli Lei who is a molecular biologist with the Lovelace Respiratory Research Institute in Albuquerque. Dr. Lei’s presentation was titled “Influenza – Past, Present, and Future”. Our Winter Seminar Series was well attended with about 50 members present.

![Dr. Hong Hou (Emcore CEO) during his seminar](image2)

![Dr. Wanli Lei during his seminar](image3)
We held our Annual Symposium and General Meeting on May 15, 2010. Our Annual Symposium and General Meeting were well attended with about 60 members present. We were fortunate to have two distinguished speakers for our 2010 Symposium: our first speaker, Dr. Nandini Kuehn (who is a Health Services Consultant) gave a presentation titled "Understanding the new Health Reform Act and its Implications". Dr. Kuehn provided an overview of the context of health reform and discuss the impact and implications of the Patient Protection and Affordability Act (which was signed into law by President Obama on March 23, 2010). Our second speaker, Dr. I-Ming Chen (who is currently a Research Associate Professor in the Health Sciences Center of the University of New Mexico) presented a talk titled "Genetics, the Environment, and Cancer". Dr. Chen outlined and summarized currently known cancer risks, the implication of the epigenetic discoveries made so far and the future potential of these discoveries in cancer management. Mr. Sidney Lu, Officer of the Science & Technology Division of the Taipei Economic & Culture Office attended the Symposium as a special guest. Mr. Lu also presented a check of $300 to support activities in the NM Chapter.

After the Symposium, NM Chapter President, Ken Chen, presented five Young Student Awards to three high-school students (Melissa Fang, Megan Shyr, Diane Sun) and two middle-school students (Steven Chen, Duncan Lee). Each high-school awardee received $200 along with a certificate and each middle-school awardee received $50 along with a certificate for their outstanding academic achievements. The five awardees were selected from a pool of applicants by a committee chaired by
Chapter Advisor, Yung Sung Cheng. The Young Student Awards were supported by the IBM Fund. Following the Young Student Awards, NM Chapter Treasurer, Pengchu Zhang provided a financial report. Election of new board members was then held. Chui Fan Chen, Jim Chen and Yifeng Wang elected as new board members for a three-year term.

Melissa Fang receiving her award

Megan Shyr receiving her award

Diane Sun receiving her award

Duncan Lee receiving his award

Steven Chen receiving his award
2009 CIE/USA Year Book
CIE/USA-OCEESA Chapter
Oversea Chinese Environmental Engineers and Scientists Association (OCEESA)

As members of a not-for-profit organization, OCEESA colleagues were willing to donate large amounts of their valuable times and enthusiastically interacted through various means in 2009 and made collective efforts on resolving a major past issue, participating in regular and new activities, and initiating new ventures. Without the brotherhood exerted by the executive committee, the board and many concerned members who regularly extended their hands and voiced their constructive opinions, we would not accomplish these tasks.

Activities:

The 2007 AAEOY has reached a satisfactory closure. The surplus fund was transferred to OCEESA. A final report has been prepared by the organizing committee and distributed to the concerned members. OCEESA’s financial position is currently fairly strong due to the transfer of this fund. The fate of this surplus fund and final 2007 AAEOY project report were on the agenda for three teleconferences. As a result of these discussions, a special account was established to ensure that this fund will be invested on future well beings; spending of fund in this special account will have to be approved by the board.

OCEESA delegates attended the 2009 Asian American Engineers of the Year (AAEOY) award banquet and CIE-USA in San Jose, February 21. A round-table meeting was held during these events to discuss issues and challenges facing OCEESA, and strategies and tasks the new board and executive committee shall undertake. Meeting minutes was archived, and a photo is attached below as Photo 1.

OCEESA delegates participated in the consultative committee meeting of the Mainland-Taiwan Environmental Protection Conference (MTEPC) in Tianjin in April 10-11, 2009. OCEESA also participated in the second consultative committee meeting this year in Taipei, Taiwan, October 19, 2009. Meeting records were archived.

OCEESA cosponsored the 2009 Urban Water Environment Symposium and Steering Committee Meeting of Mainland-Taiwan Environmental Protection Conference, Tianjin, China, April 10-12, 2009. Three OCEESA delegates attended the conference and presented papers, including a keynote speech.

A Joint Workshop of OCEESA and Shanghai Jiaotong University (SJTU) on Environmental Science and Engineering was held at SJTU, October 12-13. In addition to several OCEESA and overseas delegates, participants also include delegates from the SJTU, Zhejiang University, Tongji University, East China University of Science and technology, and Dalian University of Science and Technology, see Photo 2 below. During the workshop, Dean Yangqing Wu of SJTU agreed to hold such workshop on a biannual basis. OCEESA was able to recruit three prominent environmental engineers and scientists to join OCEESA.

Five OCEESA delegates attended the Wuhan International Conference on Environment, October 15-18. In addition to their paper presentations, they attended two separated meetings for different purposes. In their meeting with Xuesong Hou, Secretary-General Assistant and Director of the International Liaison, Chinese Society for Environmental Sciences (CSES), they discussed the formation of the Global Chinese Environmental Scientist Forum. The major conclusions from the meeting are:

1. The Forum will include 15 overseas Chinese environmental organizations; OCEESA is one of them.
2. The first forum will be held in Shanghai May 5-7, 2010 that coincide the opening time of the World’s Fair and that for the annual meeting of CSES.
3. The Forum will be held every two years.
4. Keynote speakers of the Forum will include secretary level officials, such as Steven Chu, Elaine Chou, Gary Locke, … etc.
5. The Organizing Committee who attended the meeting in Wuhan will invite speakers for the Forums. Delegates from Taiwan will be invited.

6. CSES should be able to provide partial financial support for the initial expenses of the Forum.

   More detailed plan of the Forum was discussed in a separated report submitted to OCEESA in November.

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**Photo 2.** OCEESA delegates with Vice President Dan Wu of SJTU and other participants at SJTU-OCEESA Workshop, October 12, 2009.

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OCEESA delegates also participated in a meeting in Wuhan with a group of ten delegates from Yixin City, Jiangsu Province. Quanhua Pan, Director of the Yixin Science and Technology Bureau, and Zhongxiang Liao, led this group of delegates. They requested the assistances for the following environmental issues in Yixin City, which has a population one million and 1600 environmental related business. OCEESA members are encouraged to participate.

1. Sludge solidification,
2. Waste water treatment for communities with population less than 50 households,
3. Medical waste treatment,
4. Soil remediation, and,
5. Air-quality sampling.

   OCEESA members held four teleconferences over Skype: May 26, July 3, July 25 and August 1. Concerned members enthusiastically discussed a wide range of issues that affect OCEESA’s future. All meeting minutes have been archived. Much of the discussions were centered on establishing new ventures and fresh images. One approach accepted by all was to actively sponsor
joint workshops with the organizations in China and Taiwan. The joint workshop sponsored by SJTU and OCEESA was a result of these discussions; more workshops of this type are anticipated in the coming years. Moreover, OCEESA plans to co-sponsor a conference “Air Quality and Climate Change (AQCC) – A Global Perspective” in Hawaii, March 14-16, 2011. The 13th MTEPC meeting will be held in Chongqing, China, April 23-25, 2010.
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2009 Fiscal Year Activities

- Spring Retreat at Techmart on May 2nd, 2009 for planning after recuperation from the AAEOY in February of 2009.
- June 20, 2009 Career in Green Technology Seminar
- June 27, 2009 2009 US-Taiwan Biomedical Engineering Forum
- July 19, 2009 The TCAAT and NCCAF Volleyball Tournaments
- Sep. 2009 CARES and CIE-SF signed memorandum to pool resource together; CARES becomes the CleanTech group of CIE-SF
- Sep. 26, Oct. 3, 10 and 17, 2009 CIE/USA-SF and SJSU 2009 Fall Short Courses
- October 31, 2009 2009 US-Taiwan Biomedical Engineering Forum
- Oct. 28 and Nov. 7, 2009 CIE-SF Career Seminar
- November 3, 2009 Green building Seminar
- November 14, 2009 CBA Annual Meeting 2009 -- Emerging Trends in the Bioscience Industry
- November 14, 2009 2009 HiRecruit Job Fair
- February 20, 2010 CIE-SF annual conference

Dr. William Kao presented at “Career in Green Technology Seminar”
Opening of the 2009 Short Course Series at San Jose State University in September of 2009

CIE-SF representatives pictured with Dr. Kao and wife in the Joint Home-Coming Party for Dr. Charles Kao returning from Nobel Prize Award Ceremony
Dr. Ta-lin Hsu made the keynote speech in the 31st Annual Conference of CIE-SF. Dr. Hsu is the founding president of the San Francisco Bay Area Chapter!

Dr. David Fong, also a long term volunteer of CIE-SF, is the Technology and Humanity Award winner in year 2010.
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2009 Year Activities

In line with the mission of promoting professional and academic excellence in the Asian American community, the Chinese Institute of Engineers/USA – Seattle chapter continued and broaden the progresses we made in professional development, educational involvement and community partnership.

Community Partnership: Throughout 2009, CIE/USA – Seattle worked with an array of organizations to build lasting partnerships furthering initiatives benefiting the local community and our general membership.

Social Events: CIE-SEA was the host of Annual Joint Summer Picnic for 2009. This is an event organized by several local organizations including the Seattle Chinese Women’s Club, National Taiwan University Alumni Association and National Cheng-Kung University Alumni association. The picnic was well received with over 100 families attended. In addition, CIE-SEA also participated in various community events hosted by other organizations to promote the partnership and increase the local visibility.

Educational event partners: CIE-SEA worked with various school organizations included local school district and various Asian language schools such as the Bellevue School District, Northwestern Association of Chinese Language School, The Greater Seattle Chinese Chamber of Commerce, Bel-Red Bilingual Academy, Tzu-Chi Academy School, and Northwest Chinese School. We also designate board member to serve as one of the advisors in the Advisory Council for the MBA program at the Bothell campus of University of Washington.

Governmental partners: Various government offices supported our 2009 activities which included the Bellevue City Council, the Office of United States Senator Maria Cantwell, the Office of Congressman Dave Reichert, and the Washington State Commission on Asian Pacific American Affairs as well as the Taiwan Economic and Cultural Office of Seattle.
Other activities: In 2009, CIE-SEA chapter made a website migration to provide more reliable information access to our member as well as community in large. We also offered help to the Family Entrepreneurship Project at University of Hong Kong to try to locate information relate to members in the CIE Hong Kong chapter in the 1940s.

Educational Involvement: Continuing the efforts made in the past, this year, we continue to promote academic excellence through our annual programs including:

Asian Pacific American Youth Math and Science Contest: The annual Youth Math and Science program, leaded by Dr. Peter Huang from CIE-SEA chapter, with generous support from the CIE/USA IBM Fund as well as the Taiwan Economic and Cultural Office in Seattle, was held in November of 2009 at Bellevue Sammamish High School. Around 200 students with their parents from different schools in the greater Seattle area attend the event.

Chinese Institute of Engineers/USA - Seattle Scholarship Program: To promote and advance academic excellence in the local community CIE/USA Seattle organizes an annual scholarship program recognizing the achievements of outstanding students. The program is made possible each year through the generous donations of local donors. In 2008, the Seventh Annual APA Science, Engineering and Technology Scholarship Award, we granted scholarships to 9 well rounded students from college to junior high school.

Professional Development: An array of seminars on leadership development and technical innovation were held throughout 2009 for the local community.

2009 Seminar Series: The technical seminar program in 2009 was organized by Hsiung-Fei Lee with speakers covering from interview skill, leadership development to Internet search engine. A technical seminar program held on July 2009 hosted by Chairperson H.F. Kai Wang and Dr. Anne Kao (right) to cover Internet science technology.
2009 Annual Convention: This year’s annual convention consisted of two seminar track sessions in the afternoon, “Career and leadership development for Young Professionals”, a talk and discussion led by Nigel Lo from The Boeing Company and Paul Anderson from Career Psychology Consultant, and “The Future of Entertainment: Discussions with Industry Professionals”, by Jason Ing from Microsoft. The event concluded with our annual banquet keynoted by Microsoft Corporate Vice President Strategy and Business Development Shane Kim, who lead the team to transform the Microsoft Game Studios into a world-class games publisher.