



CAPASUS 美東南區中華學人協會
Chinese-American Academic and Professional Association in Southeastern United States

The 41st Annual Meeting Report

Innovations in the 21st Century: Medical Biotechnology, Circular Economy, and Technology-based Pedagogy

August 4th, Friday

Reception, MC: Ms. Yu-Chun Lin

The 41st Annual Meeting of the Chinese-American Academic and Professional Association in Southeastern United States (CAPASUS) was launched with the welcome reception on Friday, August 4th. Over 70 guests, including Mr. Vincent Jing-Yen Liu, Director-General of Taipei Economic and Cultural Office in Atlanta (TECO-Atlanta), gathered together to celebrate this annual meeting. Established on June 25, 1977 in Atlanta, Georgia. CAPASUS is a non-profit organization. The objectives of CAPASUS are: 1) to provide opportunities for all members to exchange their academic, cultural, social, professional, and business knowledge and experiences and 2) to make academic, cultural, social, professional, and business contributions to the societies of the United States and the Republic of China. The welcome reception was sponsored by TECO-Atlanta. In the beginning of the reception, Dr. Hsi-Ling Huang, CAPASUS president, represented the association to express the warmest welcome of all guests—Director-General Vincent Jing-Yen Liu of TECO-Atlanta, Dr. Tiffany Hui-Kuang Yu (Director of the Science and Technology Division of TECO-Houston), speaker-guests, and CAPASUS members from the states of Alabama, Florida, Georgia, North Carolina, South Carolina, Tennessee, and Texas. Director-General Liu of TECO-Atlanta also delivered his speech, affirming the achievements and contributions the CAPASUS had contributed to the ROC government and society, and he sent his best wishes to the annual meeting's great success. After the welcome reception and back in the hotel, CAPASUS member,

Chun-Yin Lin (D.D.S.) further offered free Traditional Chinese medical counseling service while other members continued to attend the president's reception to further exchange their opinions and experiences.



Above left and right: Director-General Vincent Jing-Yen Liu of TECO-Atlanta and Dr. Tiffany Hui-Kuang Yu (Director of the Science and Technology Division of TECO-Houston) gave welcome speeches at the Welcome Reception.

August 5th, Saturday

Medical Biotechnology Session, Moderator: Dr. Chia-Yi Kuan (Emory University)

The Medical Biotechnology session had three distinguished speakers. Dr. Frank Tung, the CEO of GeneCure Inc. gave an overview of biotechnical product development, clinical trials, and application. Next, Dr. Hee Cheol Cho, Assistant Professor of Pediatrics and Biomedical Engineering at Emory University, reported his cutting-edge research in reprogramming heart

muscle cells into the rhythm-generating pacemakers. This research has the potential to develop hardware-free pacemakers for patients. Finally, Dr. Chia-Yi Kuan, Associate Professor of Pediatrics at Emory University introduced the recent progress in neural prosthetics, which uses wireless devices to bridge the brain and spinal cord neurons to restore the movement after spinal cord injury and paralysis. All three speakers gave stimulating lectures that captivated the audience.



Left to right: Director-General Vincent Jing-Yen Liu of TECO-Atlanta and Dr. Tiffany Hui-Kuang Yu (Director of the Science and Technology Division of TECO-Houston) gave welcome speeches at the Opening Ceremony.



Dr. Frank Tung, the CEO of GeneCure Inc. gave an overview of biotechnical product development, clinical trials, and application.



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Dr. Chia-Yi Kuan (Emory University) introduced the recent progress in neural prosthetics.



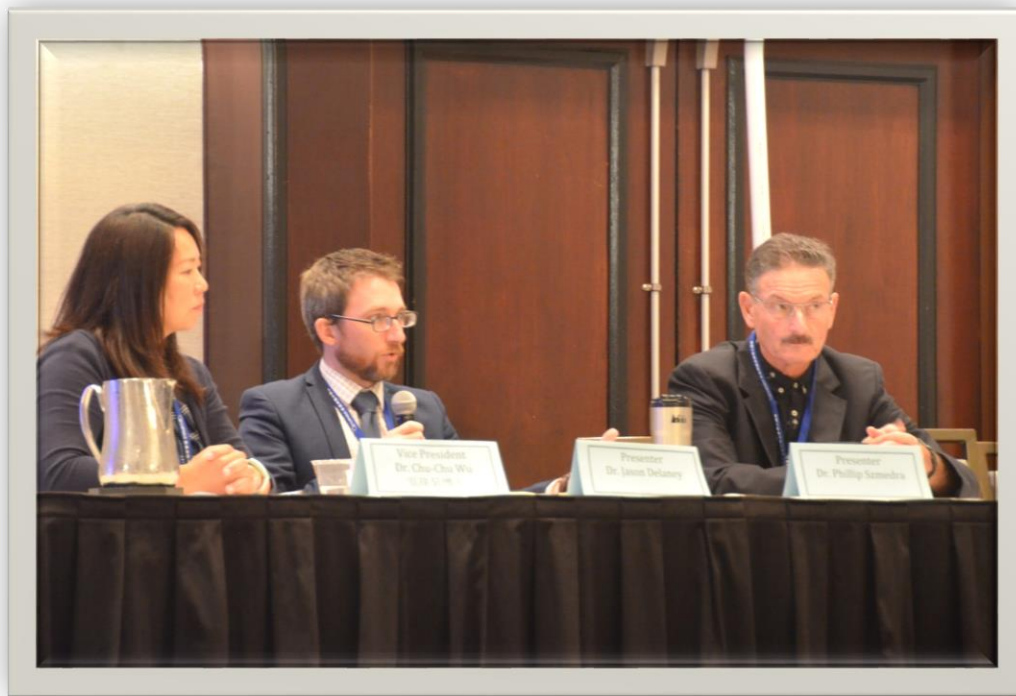
Left to right: Dr. Tiffany Hui-Kuang Yu (Director of the Science and Technology Division of TECO-Houston), Dr. Ray Wang, Dr. Hee Cheol Cho, Director-General Vincent Jing-Yen Liu of TECO-Atlanta, Dr. Frank Tung, Dr. Hsi-Ling Huang (President of CAPASUS), Dr. Chia-Yi Kuan, Dr. Sueling Wang.



Members of CAPASUS participating in a wonderful discussion with the speakers.

Circular Economy Session, Moderator: Dr. Chuchu Wu (Georgia Southwestern State University)

The first speaker was Dr. Jason Delaney, who is currently the Assistant Dean for Student Services and an Associate Professor of Economics at Georgia Gwinnett College in Lawrenceville, Georgia. He conducts research on choice behavior, public finance, and regional economics. He talked about how the problem of achieving economic efficiency has become more complicated as our population has grown and environmental waste has become more concerning. Collaborated with his colleagues, Dr. Delaney conducted an economic experiment looking at three institutions to improve efficiency in group economic settings. They found that subsidies can be an effective but blunt tool to improve outcomes. Using information and encouragement to socially beneficial behavior can have similar effects but is more sustainable and less costly.



Left to right: Dr. Chuchu Wu (Georgia Southwestern State University), Dr. Jason Delaney (Georgia Gwinnett College), Dr. Philip Szmedra (Georgia Southwestern State University).

The second speaker was Dr. Philip Szmedra, Professor of economics and the Jane and Larry Comer Faculty Scholar in the School of Business Administration at Georgia Southwestern State University (GSW) in

Americus, Georgia. Dr. Szmedra's research interests are in the field of development economics, public health issues in the developing world and problems facing small islands developing states. In his talk regarding circular economy, he explained that a circular economy is an alternative to a traditional *linear economy* (make, use, dispose) in which we keep resources in use for as long as possible, extract the maximum value from them while in use, then recover and regenerate products and materials at the end of each service life. He stated that the circular economy advocates "Design for repairability and re-use" which is a strong contrast of linear economy mind-set of "take-make-and-dispose." He pointed out that China consumes the most resources in the world and produces the most waste. But it also has the most advanced solutions. He stated that China has been effective in closing industrial loops to turn by-products or waste from one manufacturer to inputs for another. China has the advantage that more than half of its manufacturing is conducted in industrial parks and export processing zones. Dr. Szmedra suggested that greater collaboration between China and world community of researchers is needed to move away from linear thinking and actions to embracing the circular economy.

Luncheon, Hilton Atlanta Northeast, MC: Ms. Yu-Chun Lin

After the morning sessions, the guests had a lunch buffet at the hotel. During luncheon, Dr. Wanli Ho introduced three new members to the audience, including Drs. Hong-Ru Chen, Mei-Lan Chen, and Cheng-Hsin Johnson Lu. The other two new members, Drs. Emily Lin and Michael Wang, were unable to attend the luncheon. Also, Dr. Mac Liu was nominated and introduced as the Vice President for 2017-2018.



Left: At luncheon, Dr. Wanli Ho introduced new Vice President candidate, Menchou "Mac" Liu, AIA

Technology-based Pedagogy Session, Moderator: Dr. Hsi-Ling Huang (Georgia Gwinnett College)

Dr. Eric Birgbauer, a Biology faculty at Winthrop University, Dr. Gary Fisk, Professor of Psychology at Georgia Southwestern State University, and Dr. Niaz Khan, a Communication faculty at Georgia Gwinnett College presented in this session.

Dr. Birgbauer talked about the importance of engaging students with technology, and how he used various apps to allow students to see the cell's chemical reactions in 4D or to allow students to use a virtual lab to perform experiments. Dr. Fisk discussed the use of PowerPoint in teaching and how many faculty failed to produce an efficient PowerPoint presentation that can engage students. He suggested that there should be a balance between texts and images, and the text should be key points and save the details for class discussion. Dr. Niaz Khan also discussed using virtual reality app and YouTube to enhance students' communication skills. For example, he asked students to record their speeches and post the video on YouTube to self-examine their own performance. The session concluded after a wonderful Q&A discussion.



Left to right: Dr. Niaz Khan (Georgia Gwinnett College), Dr. Chuchu Wu (Georgia Southwestern State University), Dr. Gary Fisk (Georgia Southwestern State University), Dr. Eric Birgbauer (Winthrop University), Dr. Philip Szmedra (Georgia Southwestern State University).

Arts and Culture Session, Moderator: Dr. Wanli Ho (Emory University)

In the session of Arts and Culture, Dr. Guo-Juin Hong from Duke University of North Carolina delivered his speech based on his research project on the cultural representations of the year 1949 on both sides of the Taiwan Straits to introduce the film history and cultural history during Taiwan's post-colonial period. Taking examples of movies such as *The Descendants of the Yellow Emperor* (1956, and the first movie produced in Taiwan after 1945) and Director Wang Toon's three movies—*Banana Paradise* (1985), *Red Persimmon* (1995), and *Where the Wind Settles* (2015), Dr. Hong illustrated how the Nationalist government and mainland Chinese grew gradually but firmly rooted in Taiwan. While *The Descendants of the Yellow Emperor* presents China's dynastic history and a top-down grand narrative, emphasizing the cultural ties between China and Taiwan, Wang Toon's three movies from the 1980s onward adopt the bottom-up approach and center on the daily lives of individual Chinese residents in Taiwan since 1949. Dr. Hong's speech tackled the common experiences of all conference participants and generated a lot of interest and discussion.



Left to right: Dr. Tai-An Wang (Spine Center of Atlanta), Dr. Wanli Ho (Emory University), Dr. Guo-Juin Hong (Duke University)

The second presenters, Dr. Tai-An Wang from Spine Center of Atlanta, talked about the application of Tai-Chi and Yin-Yang in Chinese paintings. Starting from the introduction of Taiwan, he introduced how the colors of black and white interplayed in Tai-Chi, the meanings of reflection in Chinese paintings, and how to create a 3D visual effect from a regular 2D pictures in Chinese paintings. He also taught the audiences how black and white in Tai-Chi can be reflected in our understanding of the spheres. Then he led the audience to do a group activity: to create a simple 2D picture and to create a 3D effect out of it. All the audiences were amazed and extremely interested in the talk.



Chun-Yi Niou, D.D.S. practiced how to create a 2D picture with 3D effect.

Early Career Scholar Session, Moderator: Dr. Yu-Ju Lin (Georgia State University)

Four early career scholars were selected this year: Jhih-yin Diane Lee, Yu-Chun Lin, Sheng-Shiang Tseng, and Dr. Meng-Chang Hsiao. The former

three presenters are currently pursuing Ph.D. degree in the University of Georgia. Dr. Hsiao currently works as the post-doctoral fellow in the University of Alabama at Birmingham. These four presenters effectively used an engaging way to disseminate the academic studies with a simple language. For example, Dr. Hsiao indicated that the importance and barrier to discover the mutations on gene. Jhih-yin Diane Lee briefly shared the preliminary study to design a community-based e-service-learning art activism project to stop and prevent cyberbullying. Yu-Chun Lin reported a national study to investigate how the submission to authority can influence employees' job involvement and organizational commitment. Lastly, Sheng-Shiang Tseng presented how reciprocal teaching strategies utilizing free cloud technology with annotation function to improve low-achieving students' English reading comprehension. These four presentations represented various disciplines and these young scholars' endeavors. The audience showed their high engagement by interacting with four presenters during the session and hoped to see more innovative studies in the Early Career Scholar Session in the future. Dr. Yen-Con Hung, President of CAPASUS Foundation, also presented scholarship to the four presenters.



Left: Dr. Yu-Ju Lin moderated the Early Career Scholar Session. Right: from left, Dr. Meng-Chang Hsiao, Jhih-yin Diane Lee, Dr. Yu-Ju Lin, Sheng-Shiang Tseng, Yu-Chun Lin.



Left to right: Jinn-Wei Michael Tsao, Sheng-Shiang Tseng, Yu-Chun Lin, Jhih-yin Diane Lee, Wen-Hao Winston Chou

Early Career Scholar Mentoring Session, Moderator: Dr. Yu-Hseng Hsu (Georgia State University)

Several experienced scholars from different fields gladly share their knowledge and their past experience to help early career scholars walk more smoothly in the academic journey. Among others, Dr. Tiffany Yu, Director of the Science and Technology Division in TECO-Houston, introduced the Leadership Entrepreneur Aspire Pioneer (LEAP) Program and the Leaders in the Future Trend (LIFT) program, sponsored by the Taiwan government, to the audience. Lynn Tai, Director of the Economic Division in TECO-Atlanta also introduced the website “Contact Taiwan,” created to provide more job opportunities in Taiwan for young scholars. In addition, four established scholars also enthusiastically shared their experience in job market with the audience, including Drs. Yu-Sheng Hsu, Mei-Lan Chen, Steven Y. Liang, and Yen-Con Hung. They encouraged young scholars to set their lifelong goals in their early 20s and 30s. This goal may comprise different aspects,

including academic, teaching, social services, health, and family goals. Dr. Mei-Lan Chen (from GSU) also emphasized the importance of CV writing in academic job hunting. The book “The Professor Is In” is introduced to the audience as a guide for job hunting. All the attendants showed great appreciation and benefited tremendously from the workshop.



Left to right: Dr. Mei-Lan Chen (Georgia State University), Dr. Steven Y. Liang (Georgia Institute of Technology), Dr. Yen-Con Hung (University of Georgia), Dr. Yu-Sheng Hsu (Georgia State University), Lynn Tai, Director of the Economic Division in TECO-Atlanta, Dr. Tiffany Yu, Director of the Science and Technology Division in TECO-Houston.

Banquet, Bo Bo Garden in Doraville, GA, MC: Dr. Timothy Shaw and Mr. Zheng-Rong Li

With the success of the 41st CAPASUS annual meeting, close to 100 guests happily gathered together to enjoy the gourmet dinner and to share how much they had gained from the meeting. Among many others, some of the distinguished guests from TECO-Atlanta included Deputy Director-General Robert Duan, Director of the Economic Division Lynn Tai, and

Rebecca Fu, Director of the Culture Center. Tiffany Yu, Director of the Science and Technology Division in TECO-Houston also attends the banquet.



Left to right: Deputy Director-General of TECO-Atlanta Robert T.C. Duan and Dr. Tiffany Yu, Director of the Science and Technology Division in TECO-Houston gave speeches at the banquet.



President of CAPASUS, Dr. Hsi-Ling Huang (Georgia Gwinnett College) gave welcome speech at the banquet.

In addition to individuals, many important organizations in metro Atlanta also joined the banquet, including Monte Jade Science Technology Association, the Chinese-American Lions Club of Atlanta, TFGHS Alumni, CCFA, and TAMASUS.



MC: Dr. Timothy Shaw (left) and Mr. Zheng-Rong Li



Left to right clock wise: Dr. Raymond Ho presented special appreciation certificates to Yi-Tsu Cheng, D.D.S., Dr. Shou-Yuh Chang, and Dr. Wanli Ho. Dr. Raymond Ho also received a special appreciation certificate from Dr. Hsi-Ling Huang.

The current president Dr. Hsi-Ling Huang (Georgia Gwinnett College) also passed on the torch to the new president Dr. Chu-chu Wu (Georgia Southwestern State University). In her acceptance speech, Dr. Wu mentioned that she would like to focus on parent-child relationship and education for next year's conference.



Left to right: New President of CAPASUS, Dr. Chuchu Wu (GWS), Deputy Director-General of TECO-Atlanta Robert T.C. Duan, and out-going president, Dr. Hsi-Ling Huang (GGC).

The banquet concluded after fun games, raffles, and a great feast.





Left: Dr. Chuchu Wu (GWS) gave her acceptance speech. Right: Staff of 2016-2017.

August 6th, Sunday

Health Session, Moderator: Chung-Yi Niou, D.D.S.

The session was open to the Chinese community and had three outstanding speakers. First, Dr. Yiu-Fai Chen from the University of Alabama, Birmingham lectured on the pathogenesis and hypertension (high blood pressure) and various complications. Dr. Chen urged the audience to self-check his/her blood pressure daily to monitor the control of blood pressure. Dr. Jie Liu, an Internal Medicine specialist at the Wellstar Medical Group, gave an overview of diabetes mellitus, from its symptoms to various complications to treatments. Finally, Dr. Mei-Lan Chen, Assistant Professor of Nursing at the Georgia State University, taught the audience several home-exercise activities that are easy to practice.



Left to right: Chun-Yi Niou, D.D.S., Dr. Yiu-Fai Chen (University of Alabama-Birmingham), Dr. Jie Liu (Wellstar Medical Group), Dr. Mei-Lan Chen (Georgia State University)



Health Session was open to the Chinese community.

Adjournment

All the attendants expressed their deepest gratitude for the hard work of Dr. Hsi-Ling Huang, the current president, and staff of 2016-2017. They had gained a great deal of new insight and had re-united with many old friends. All the members were looking forward to the 42nd Annual Meeting of CAPASUS next year, which will be led by newly elected president, Dr. Chu-chu Wu, Associate Professor of Early Childhood Education at Georgia Southwestern State University, and vice president, Mr. Mac Liu, registered architect at Wakefield Beasley Associates.

(Reported by Dr. Hsu-Te Cheng; modified by Dr. Hsi-Ling Huang)