

Chinese American Chemical Society - EAST chapter

E-CACS

Newsletter

Issue #1 (2023)

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Announcement

E-CACS introduction

We are excited to announce that the Tri-State CACS chapter has changed its name to E-CACS (CACS East Chapter). This change reflects the expanded geographic reach of our chapter, which now includes members from New Jersey, New York, Connecticut, Pennsylvania, and Delaware.

Founded in 1981, CACS is a nonprofit, professional organization that promotes fellowship among Chinese American chemists, chemical engineers, and those working in related fields. Our mission is to enhance communication and interactions among our members, provide a forum for discussions of issues that are of interest and concern to our members, and create opportunities for our members to share professional experiences and participate in joint research and business ventures.

The East chapter area has the largest population of Chinese American chemists, biochemists, and chemical engineers and is the hotbed of pharmaceutical and chemical research and industry. As such, we are committed to providing a network for professional and career development, career guidance and counseling for younger people interested in scientific and engineering careers, and recognizing achievement in chemistry and chemical engineering, community services, and other chemistry-related ventures.

We look forward to continuing our mission under our new name and expanding our reach to better serve our members in the East Coast region. Thanks for the continued support of CACS from all members of the society.

Executive Committee Board Members



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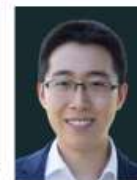
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EC Member
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李鸣焯
EC Member
Henkel



王明文
EC Member
ACS Scientific



武文娟
EC Member
ExxonMobil

President's message

Dear E-CACS Members,

As we enter the new year, I am honored to serve as the President of E-CACS. Our organization has a rich history of promoting fellowship, communication, and professional development among Chinese American chemists, chemical engineers, and related fields.

In 2023, we have an exciting lineup of events planned that will provide opportunities for us to network, share knowledge, and celebrate our achievements. We will kick off with our Annual Scientific Symposium in June, where we will bring together leading experts in the field of chemistry and chemical engineering to share their research and insights. In addition to the symposium, we will work towards our goal of increasing engagement with our members through more onsite activities, including workshops, seminars, and site visits to local companies and research institutions. We hope to facilitate interactions between E-CACS and other scientific and professional organizations and communities, and provide a network for professional and career development.

Our success as an organization relies on the contributions of our members, and I encourage each and every one of you to get involved, share your expertise, and take advantage of the many opportunities that E-CACS offers. Together, we can continue to build a strong and supportive community of professionals.

Thank you for your continued support, and I look forward to working with all of you in the coming year.

Sincerely,

A handwritten signature in black ink, appearing to read 'Xiaozhou Zhang', with a large, sweeping flourish underneath.

Xiaozhou Zhang

President of the East Chapter of the Chinese American Chemical Society (E-CACS)

Become a member

We invite you to explore our website at <https://eastcacs.org> and learn more about our organization, including our objectives and activities. If you are interested in becoming a member, we encourage you to register at <https://eastcacs.org/membership>. Membership is open to professionals and students in chemistry, chemical engineering, and related fields, as well as individuals and corporations supporting the objectives of CACS.

By becoming a member of East CACS, you will have access to a network of professionals in the industry, career guidance and counseling, recognition for your achievements in the field, and opportunities for professional development and growth. You will also have the chance to participate in our events and conferences, where you can connect with other members, share your knowledge, and stay up-to-date with the latest industry trends and research.

We hope you will join us and become a member of our growing community.

E-CACS 2023 Events



Annual Symposium



Young Scientist Award



Summer Picnic



New Year Party

We are excited to announce our events plan for 2023! This year, our goal is to re-engage with our members through more onsite activities, in order to increase the impact of E-CACS by reaching out and networking with more individuals.

Our first event will be the 2023 Annual Scientific Symposium, which will take place at Rutgers University in June. This symposium will feature a variety of presentations from leading experts in the field of chemistry and chemical engineering, as well as opportunities for networking and collaboration.

Next up, we will be hosting our annual Summer Picnic and Reunion with friends and families in August. This is a great opportunity to get together with fellow members and enjoy the beautiful summer weather with food, drinks, and fun activities for all ages.

We are also excited to expand our Young Scientist Award from high school students to college students and researchers. This award recognizes outstanding achievements in the field of chemistry and chemical engineering, and provides support and encouragement to the next generation of scientists and researchers.

Finally, we will be celebrating the Chinese New Year with our family and friends. In the party we will announce the winners of the Young Scientist Award and provide opportunities for networking and connecting with fellow members.

We hope you will join us for these exciting events and help us to re-engage with our members and increase the impact of E-CACS. Stay tuned for more details and registration information in the coming months.

2023 Annual Symposium Announcement

Dear Colleagues,

We are excited to announce that the 2023 Annual Symposium of the East Chapter of the Chinese American Chemical Society (CACS) will be held in person on June 17th, 2023, at the Ernest Mario School of Pharmacy in Rutgers. This year's theme is "Chemistry and Medicine for Modern Life," highlighting the critical role of chemistry and medicine in enhancing our quality of life.

We have lined up talks from leading experts from academia, industry, and government in Green Chemistry, Synthetic Biology, Pharmaceutical Research and Development, Intellectual Property, and Regulatory. The event will also feature career workshops, panel discussions, job postings, poster sessions and awards, vendor shows, and prize drawings. We invite you and your colleagues to submit a poster for presentation at the symposium.

We are delighted to inform you that the symposium registration, including breakfast, lunch, and coffee breaks, is free. Our sponsors are leaders in the chemical and pharmaceutical industry, including ExxonMobile, IFF, BirdoTeck, Johnson & Johnson, MCE, Fox Rothschild, Alfa Chemistry, AnHart, Shimazu, Primera, Rutgers, Aromiens, Colgate-Palmolive, Viwit and more.

Please visit our website to find the registration form and poster abstract submission form. We kindly ask that you forward this invitation to anyone in your group or department who may be interested in and benefit from attending this event.

I believe this event will be a great success and provide valuable insights and networking opportunities for all attendees. We look forward to seeing you at the symposium!

Best regards,

A handwritten signature in black ink that reads "Yuan Cheng". The signature is written in a cursive, flowing style.

Yuan Cheng

President-elect of the East Chapter of the Chinese American Chemical Society (E-CACS)



EastCACCS.org

华美化学与化工学会

Chinese American Chemical Society

- East Chapter

35th Annual Symposium - 2023

Chemistry & Medicine For Modern Life

Event Date: 06/17/2023

Register by: 05/17/2023

- Green Chemistry
- Synthetic Biology
- Pharmaceutical R&D
- IP & Regulatory
- Career Workshop & Panel Discussion
- Student Poster Session & Awards
- Vendor Show & Job Fair



John Warner, Ph.D.

Founder - John C. Warner Green Chemistry, LLC
Warner Babcock Institute for Green Chemistry



Judy Giordan, Ph.D.

2023 ACS President



Zhixiong Xue, Ph.D.

Fellow - IFF Inc.



Linda Zhao, MBA

US Head/Executive Director
Jiangsu Hengrui Pharma. Co., Ltd.



Hao Chen, Ph.D.

Professor -
New Jersey Institute of Technology



Longqin Hu, Ph.D.

Professor & Department Chair -
Rutgers University



Mark Tang, Ph.D.

Managing Director
Good Health Capital



Jin Zhu, Ph.D.

Patent Attorney - Fox Rothschild LLP



Yajun Yan, Ph.D.

Professor - University of Georgia
Founder - BiotecEra, Inc.

★ Free breakfast, lunch and coffee breaks ★

Scan QR code for:

- Free registration (by 05/17)
- Poster abstract submission
- Program agenda



Location:

Ernest Mario School of Pharmacy, Lecture Hall 131
Rutgers University Busch Campus
160 Frelinghuysen Road, Piscataway, NJ

Platinum Sponsors:

ExxonMobil

IFF
International Flavors & Fragrances



BirdoTech

Johnson & Johnson

Sponsors & Vendors:

MCE
HealthChemExpress

Fox Rothschild LLP
ATTORNEYS AT LAW

ALFA
Chemistry

SHIMADZU
Excellence in Science

Vivot
Innovation in a Better Way

AnHeart

COLGATE-PALMOLIVE

RUTGERS

Primer

Aromiens

2020 to 2022 Past Events

In the years 2020 to 2022, the E-CACS organization was unable to hold its annual symposium due to the COVID-19 pandemic. However, the organization successfully adapted to the situation and hosted several scientific and career-related webinars for its members during this time. These webinars provided valuable learning opportunities for members through online channels.

2020 Events

On November 17th, 2020, E-CACS hosted its first webinar after the pandemic outbreak, themed "Enriching Your Skills for A Successful Career." The webinar was sponsored by Fox Rothschild and featured four speakers from leading industries.



Dr. Joe Chen from Fox Rothschild gave a talk on "Recent Developments in Vaccines against COVID-19." His presentation reviewed the pathogenesis of SARS-CoV-2, therapeutics, and vaccines for preventing or treating COVID-19. Attendees also learned about the considerations associated with patenting biologics such as vaccines.



The second talk from Fox Rothschild was delivered by Dr. Gerry Norton on the topic of "Protection of IP Assets and Compliance with Trade Secret Laws." Dr. Norton shared insights on how to protect a company's IP assets from theft and how to comply with rules and regulations related to protecting company trade secrets.



The founder and CEO of Aucta Pharmaceuticals, Dr. Shoufeng Li, shared his experience in starting and building the company in his talk "From a Research Scientist to an Entrepreneur." Attendees gained insights into idea conception, team building, pipeline development, and learning and growing in areas outside of one's own comfort zone. Dr. Li also talked about the current business environment between the U.S. and China and how having business on both sides can help in career growth.



Patrick Wong, who held various senior roles in finance and sales with technology companies and financial institutions, talked about "Setting up Startup Equity and Corporate Structure." He shared an overview of equity set-up basics for new start-ups, including different legal business entity options. The attendees gained valuable information on how to set up founders, employees, and investors' equity to work with potential investors and talent people.

Overall, the webinar was a great success, and attendees gained valuable knowledge and skills that could help them in their careers. They learned about recent developments in vaccines against COVID-19, protecting IP assets, setting up startup equity and corporate structure, and the journey from a research scientist to an entrepreneur. The latter talk was particularly inspiring, as attendees were able to gain insight into the process of starting a company and how to successfully transition from a research role to an entrepreneurial one. The webinar provided attendees with a broad range of skills and knowledge that will prove useful in their professional lives. Despite the challenges posed by the pandemic, E-CACS was able to provide its members with valuable learning opportunities through online channels.

2021 Events



Due to the overwhelmingly positive feedback received from members on the webinar in 2020, E-CACS decided to conduct two webinars in 2021. On January 19th, Lauren Supraner, the President and Founder of CAL Learning, was invited on topic of “Improve Your Presentations with Stress and Intonation”. In her talk, she highlighted the importance of using stress and intonation in delivering presentations effectively. She emphasized that a monotone delivery not only makes the presentation boring but also makes it hard to understand for English listeners who expect certain stress and intonation patterns to guide them.

During the presentation, attendees had the opportunity to receive personalized, live feedback and coaching on their presentation and pronunciation skills from Lauren. The talk benefits scientific researchers who need to communicate their findings and ideas effectively in their daily work. By strategically using phrasing, stress, and intonation, researchers can lead the listener through their thought process, break down complex ideas, highlight key information, show comparisons, list items, ideas, or events, and be more persuasive and memorable.

By attending this webinar, scientific researchers gained the skills and knowledge to deliver efficient presentations in their daily work, helping them to gain impact in their positions. The talk helped researchers to communicate their findings and ideas more effectively to their peers, supervisors, and potential collaborators, leading to increased opportunities for collaboration and recognition in their field.



The second webinar on 2021 was delivered on December 6th. The webinar was titled "Iron Catalysis for a Sustainable Plastics Age" and presented by Professor Paul Chirik, the Edwards S. Sanford Professor of Chemistry at Princeton University. During his lecture, Professor Chirik emphasized the importance of plastics in our daily lives, but also highlighted the negative impact that plastic waste has on the environment. Rather than advocating for a

kneejerk reaction of banning plastics altogether, Professor Chirik provided a more nuanced approach, focusing on the fundamental chemistry and catalysis required to enable a sustainable plastics age.

One area of emphasis during the lecture was the development of new polymer microstructures that are chemically recyclable using an iron catalyst, reverting the plastic back to pristine monomer. The second area of emphasis was the integration of polymerization methods to prepare polyolefins from monomers derived from CO₂. This approach has important implications for a new, responsible hydrocarbon future. Overall, the webinar highlighted the importance of sustainable chemistry and the role that catalysts can play in enabling a more sustainable future.

The impact of this talk is significant, especially for those in the chemistry industry. The webinar provides valuable insight into how chemistry can be used to tackle some of the most pressing environmental challenges we face today, including plastic waste. The audience benefited from Professor Chirik's expertise and his approach to sustainable chemistry, gaining a deeper understanding of the role that catalysts can play in creating a more sustainable future. This information can be used to inform and guide future research and development in the field of sustainable chemistry.

2022 Events



In 2022, E-CACS hosted two career development webinars. In February 11th, Dr. John Sun, Global Program Lead from Novartis, gave us a speak about the importance of leadership skills in the scientific industry, specifically for Asian Americans, and how to overcome the "bamboo ceiling" that limits their representation in leadership positions. The audience is encouraged to examine the gaps holistically and develop their human skills to become stronger leaders. Dr. Sun has extensive experience in the pharmaceutical industry and is a passionate advocate for career development, having volunteered in various professional organizations and presented at domestic and international symposia. From this webinar, attendees learned from John's expertise and incorporated mindful learning into their own leadership journey.



On September 17th, 2022, E-CACS invited Dr. Xinjin Zhao, a recently retired executive with extensive global business experience and a passion for leadership development, to deliver the second career development webinar titled "The Odyssey of Self-Discovery: On Becoming a Leader." During the talk, Dr. Zhao discussed the current state of leadership development programs and the need for aspiring leaders to take ownership of their development. He emphasized that leadership development initiatives should be more people-focused than organization-focused and that aspiring leaders need to chart their unique path to becoming a leader based on their internal motivations.

Dr. Zhao encouraged individuals to develop their unique leadership style based on their internal motivations and not just rely on organization-focused development initiatives. The talk has a significant impact on the career development of chemistry scientists who aspire to become leaders. The webinar encourages scientists to take control of their leadership development and create their unique path. The audience benefited from Dr. Zhao's expertise and insights, which can help them in their career development and growth as leaders in the field of chemistry.

Closing Remarks

We hope that this newsletter has provided you with valuable information about E-CACS's latest developments and upcoming events. We encourage you to visit our website, register for membership, and get involved in our activities. With a new chapter name and a dynamic executive committee, E-CACS is poised to make a significant impact on the scientific community. We look forward to seeing you at our events and working together to advance chemistry and its applications.

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