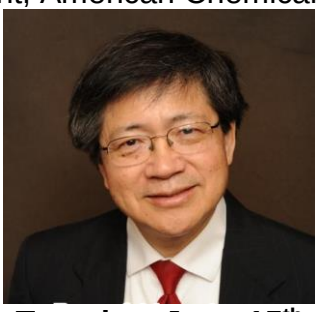
ACS-GHS June Seminar
Dr. H. N. Cheng

President, American Chemical Society



Tuesday, June 15th

6:00 - 8:00 pm

via Zoom

6:00 pm – Networking Hour

7:00 pm – Seminar & Questions

Register to receive the meeting link at https://acsghs.wildapricot.org/event-4309790

New Frontiers, Innovation, and Entrepreneurship in Chemistry

As I listened to ACS members, colleagues, and students during the past 18 months, a topic that often comes up pertains to the future prospects of chemistry. In this talk, I shall use several recent developments to build a picture of new frontiers and future opportunities in chemistry – a field that cuts across interdisciplinary boundaries and traditional dimensions. In fact, there is no shortage of growth and emerging areas within chemistry; examples include biochemistry, nanotechnology, sustainability, advanced materials, catalysis, pharmaceutical and agrichemical development, quantum computing, and computer applications. The practice of chemistry is also increasingly multidisciplinary, and many advances are being made at the interface between chemistry and other disciplines, such as biology, physics, medicine, nanoscience, electronics, and computer technology. Further innovations will likely be stimulated by the use of our skills to apply to new applications in a rapidly changing world. Moreover, entrepreneurship and academic-industrial-government collaborations will be critical in stimulating innovation. These developments fit well with the theme of "Growth, Collaboration, and Advocacy", which is my focus for my presidential year. I look forward to working with all of you as we seek to champion and grow the global chemistry enterprise.

Biography: H. N. Cheng is the 2021 President of the American Chemical Society (ACS). He has served on and chaired a variety of ACS committees and task forces at national levels, as well as being active at various capacities for many years in local sections and technical divisions. He obtained his B.S. from UCLA and his Ph.D. from the University of Illinois at Urbana-Champaign. He currently works at USDA Southern Regional Research Center in New Orleans. Over the years, he has been involved with the use of agro-based materials, biocatalysis, green processing, and green methodology. He has also contributed to polymer reactions, polymerization theory and polymer NMR. He has authored or co-authored 280 papers and 26 patent publications. He has organized 45 symposia at national meetings since 2000 and edited 23 books. He was selected as a Fellow of the ACS (2009), a Fellow of the ACS Polymer Chemistry Division (2010), and a Fellow of the ACS Agricultural and Food Chemistry Division (2018), among other recognition and awards.