

U.S. National Committee for the International Union of Pure and Applied Chemistry (USNC/IUPAC)

Committee

Danniebelle N. Haase

Chair

Dr. Danniebelle N. Haase is a Research Scientist and R&D Leader in Packaging and Specialty Plastics and Hydrocarbons at the Dow Chemical Company. To date, her research has resulted in the commercialization of 3 waterborne emulsion products for use in industrial coatings applications. Dr. Haase earned a B.Sc. with honors in Chemistry and Management and a M.Phil. in Organic Chemistry from the University of the West Indies, Mona, Jamaica. Subsequently, she was awarded a Ph.D. in Chemistry, with a minor in Medicinal Chemistry from the University of Florida, Gainesville. As a NIH-IRACDA postdoctoral fellow in the Department of Chemistry at the University of Pennsylvania, she had dual teaching and research appointments. After a brief stint in academia, Dr. Haase joined the Dow Chemical Company in June 2014. She has won numerous awards including NOBCChE's Winifred Burks-Houck Professional Leadership Award (2016) and the 2015 and 2019 IUPAC Young Observer Fellowship. Dr. Haase was appointed to serve as a member of the U.S. National Committee for the International Union of Pure and Applied Chemistry (IUPAC) and she was elected as a member of the Polymer Division of IUPAC. She is also active in the American Chemical Society (ACS), where she serves as the program manager for the Women's Chemist Committee (WCC), and in the Polymer Division, she is a symposium organizer and the POLY program chair lead for the Spring 2023 meeting. One of her most cherished awards is being named the October 2011 winner of the Chemical Abstract Services' Colors of Chemistry Photo Contest.

Jennifer B. Nielson

Vice Chair

Associate Dean, College of Physical and Mathematical Sciences
Teaching Professor, Department of Chemistry and Biochemistry
Brigham Young University

Daniel Rabinovich

Past Chair

Professor of Chemistry
The Joint School of Nanoscience and Nanoengineering
University of North Carolina at Greensboro

Gerard M. Baillely, IV

Member

Senior Vice President - Research & Development, Global Corporate Functions
Procter & Gamble Company

Raychelle Burks

Member

Raychelle Burks is an Associate Professor at American University in Washington, DC. Her research focuses on developing field-ready sensing systems that target compounds of forensic and national security interest. Prior to becoming a professor, Burks worked in a crime lab and this experience continues to inform her research. She has contributed to projects aiming to bring sensing systems to market. Across a variety of media, Burks is a well-known science communicator and was awarded the 2020 American Chemical Society (ACS) Grady-Stack award for excellence in public engagement. For exceptional contributions to chemistry and service to ACS, she was designated Fellow of the ACS. Committed to a more equitable STEM ecosystem, Burks engages in significant service with local, national, and international focused on social justice and STEM. For NAS, Burks has served on the Committee on Enhancing the U.S. Chemical Economy through Investments in Fundamental Research in the Chemical Sciences. Burks received a PhD in Chemistry from the University of Nebraska - Lincoln, a MS in Forensic Science from Nebraska Wesleyan University, and a BS in Chemistry from the University of Northern Iowa.

Louise Charkoudian

Member

Department of Chemistry
Haverford College

Matthew L. Grandbois

Member

Strategic Partnership Manager
DuPont Electronics & Industrial

Daniela Hutanu

Member

Dr. Daniela Hutanu leads the global sales, marketing, and technical support activities for JenKem Technology USA in Plano, TX, a Polyethylene Glycol Polymer Manufacturing company headquartered in China, supporting projects that impact biotechnology, pharmaceuticals, medical devices, diagnostics fields, and academia. Dr. Hutanu is a PhD analytical chemist with pharma educational background and 20 years of experience in life sciences as a research scientist, consultant, and business professional. Prior to joining JenKem Technology USA in 2014, Dr. Hutanu held positions of staff scientist in the Analytical Chemistry R&D laboratory at Invitrogen - Life Technologies (now Thermo Fisher Scientific), Research Chemist in the Powder Coatings R&D department at Forrest Paint (now Forrest Technical Coatings) in Eugene, Oregon, and Graduate Research Assistant in the Chemistry Department of Oregon State University. Dr. Hutanu is committed to volunteer service to chemistry through her governance work within the American Chemical Society (ACS) in the International Activities Committee since 2021, and as elected alternate councilor for the ACS Dallas-Fort Worth Local Section since 2017.

James Liu

Member

Assistant Director of Software Engineering
American Chemical Society

Jodie Lutkenhaus

Member

Jodie L. Lutkenhaus is the William and Ruth Neely Faculty Fellow and an Associate Professor in the Artie McFerrin Department of Chemical Engineering at Texas A&M University. Dr. Lutkenhaus also holds a courtesy appointment in the Department of Materials Science & Engineering. Following a postdoctoral position at University of Massachusetts Amherst, she joined the faculty at Yale in 2008. In 2010, she moved to Texas A&M University and was later promoted to Associate Professor in 2015. Dr. Lutkenhaus has served on the Editorial Advisory Boards of Macromolecules, American Chemical Society Macro Letters, and American Chemical Society Applied Nano Materials. She has also served on the Editorial Board of Scientific Reports. She previously served in the American Chemical Society Division of Polymeric Materials: Science and Engineering as Member-at-Large and in the American Institute of Chemical Engineers Materials & Engineering Science Division as 2nd Vice Chair. Dr. Lutkenhaus received her BS in Chemical Engineering in 2002 from The University of Texas at Austin and her PhD in Chemical Engineering in 2007 from the Massachusetts Institute of Technology.

Sergio Nanita

Member

Dr. Sergio Nanita joined Incyte Corporation in 2021 as a Senior Principal Investigator II, where he provides analytical chemistry and structure elucidation expertise for the development of new pharmaceutical products. Prior to Incyte, Dr. Nanita worked at DuPont (2006-2021) in scientific roles across multiple divisions, including DuPont Nutrition & Biosciences, DuPont Crop Protection, and DuPont Corporate Center for Analytical Sciences.

Dr. Nanita is an expert in mass spectrometry and separation sciences with industry experience across multiple sectors and chemistries, including small bioactive molecules, proteins, antibodies, polysaccharides, lipids and synthetic polymers.

Dr. Nanita was named one of the "Top 40 under 40" in the Power List of the Analytical Scientist magazine, in both 2014 and 2018. He was honored as an ACS Fellow in 2020. He is a member of ACS, ASMS and SACNAS.

He earned a BS in chemistry from the University of Puerto Rico (2001) and a PhD in analytical chemistry from Purdue University (2005).

Dr. Nanita has been a volunteer at ACS for many years; he has served at ACS Corporation Associates (2019-2020), Committee on Ethics (2012-2015), Career Consultants Program (2018-2021), and the Committee on International Activities (2016-2023) which he led for three years as chair (2021, 2022, 2023).

Tagbo Niepa

Member

Dr. Tagbo H. R. Niepa is the Arthur Hamerschlag Career Development Associate Professor of Chemical Engineering and Biomedical Engineering at Carnegie Mellon University, Pittsburgh, USA. He previously served as a Postdoctoral Fellow for Academic Diversity at the University of Pennsylvania, where he worked on microbiome dynamics in artificial microniches and thin films. Dr. Niepa's research focuses on using multidisciplinary approaches to tackle challenges involving microorganisms in healthcare, the environment, and the food industry. His expertise includes microbiome engineering, microbial interactions, and the development of advanced technologies for microbial systems. He has also co-founded a medical device company, Leviant, Inc., which specializes in automated sterilization systems. His work has earned numerous accolades, including the 2022 NIH Director's New Innovator Award, the 2022 NSF CAREER Award, and the 2019 NSF S-STEM Award. He is an advocate for global STEM outreach and collaborates extensively with institutions in Africa to advance education and research, serving on the international board of the African Materials Research Society. Originally from Côte d'Ivoire, Dr. Niepa earned an Associate Degree in Food Science before completing a B.Sc. in Bioengineering and a Ph.D. in Chemical Engineering with honors at Syracuse University. He also pursued bioengineering studies at the University of Dortmund, Germany.

Bradley Olsen

Member

Bradley Olsen is the Alexander and I. Michael (1960) Kasser Professor in the Department of Chemical Engineering at MIT. He earned his B.S. in Chemical Engineering at MIT, his Ph.D. in Chemical Engineering at the University of California - Berkeley, and was a postdoctoral scholar at the California Institute of Technology. He started as a professor at MIT in December 2009. Olsen's research expertise is in materials chemistry and polymer physics, with focused activities in the areas of molecular self-assembly, polymer networks, natural and sustainable materials, and polymer informatics. He is currently an associate editor at the ACS journal *Macromolecules* and is an affiliate faculty at MIT's Center for International Studies where he directs the MIT-Brazil and MIT-Amazonia programs. He is a fellow of the American Physical Society and the American Chemical Society. He has published over 200 peer-reviewed articles, has 20 awarded or pending patents, and is a co-founder of 2 companies.

Nora Radu

Member

Nora Radu is a Senior Technical Laureate at DuPont's Electronics and Industrial business. She joined DuPont in 1998. Dr. Radu's research at DuPont has focused on the development of advanced materials for OLED displays and dielectric applications. Dr. Radu is an inventor on over 60 granted patents. She was awarded the Pedersen Medal and is a Fellow of the ACS. Dr. Radu is the 2025 awardee of the ACS Award Distinguished Service in the Advancement of Inorganic Chemistry. She has served as the chair and program co-chair of the ACS Division of Inorganic Chemistry.

Dr. Radu received a Ph.D. in Inorganic Chemistry from University of California, San Diego. She earned a B.S. in Chemistry from Ithaca College. Prior to joining DuPont, she was a NIH postdoctoral fellow at MIT.

Victor Bohnert

Ex Officio Member

Victor has worked with non-profits, foundations and associations for more than 25 years. His career in this field began while working with Pew Charitable Trust funded organization in Washington, DC, on several global initiatives including the formation of the UN Foundation. After leaving DC for Chicago, Victor spent 15 years working with professional and trade associations. He has become a recognized leader in turn-around strategies, Board and leader development, association mergers and start-up management. Prior to working with not-for-profits and association, Victor worked as a campaign and government affairs strategist, working on several issue-based campaigns, as well as campaigns for state/local candidates, US Congress, US Senate and US Presidency. He lives outside Nashville with his wife and three children.

Mark C. Cesa

Ex Officio Member

Dr. Mark C Cesa is a physical organic and organometallic chemistry with research interests in catalysis and organic reaction kinetics and mechanisms. He is retired from the chemical industry, working most recently with INEOS USA LLC on new catalytic reactions, chemical process optimization, and safety and environmental protection in chemical manufacture and use.

Dr. Cesa was 2014-2015 President of the International Union of Pure and Applied Chemistry, IUPAC, and is Chair of the IUPAC Standing Committee on Ethics, Diversity, Equity and Inclusion. He has served the American Chemical Society as chair of the Committee on Science, as a member of the Committee on Safety, and in leadership roles in two ACS local sections. He is Chair of the NASEM Board on International Scientific Organizations, BISO, and he was a member of the National Academies Committee on Promoting Safe and Secure Chemical Management in Developing Countries.

Dr. Cesa was named an ACS Fellow in 2012. He earned an A.B. in chemistry from Princeton University and M.S. and Ph.D, in organic chemistry from the University of Wisconsin-Madison.

LaTrease Garrison

Ex Officio Member

LaTrease E. Garrison, the Chief Operating Officer of the American Chemical Society, received her BS in chemistry from Howard University and completed her MBA degree at Strayer University where her research focused on succession planning for the non-profit organization. She received her certificate in diversity and inclusion from Cornell University. She joined ACS in 1992 as a Program Assistant for Chemical & Engineering News magazine. In 1996 she moved to the Education Division where she held several positions, including Senior Program Manager of Undergraduate Programs. In 2005 Ms. Garrison was appointed to the position of Special Assistant to the Director of the Education Division. She previously served as the Assistant Director of the Member Communities/ Department of Volunteer Support and Director of the Administrative and Programmatic Technology group and the Professional Advancement Team. LaTrease was the Executive Vice President for Education from 2016—2020 and Executive Vice President for ACS Education, Membership and Scientific Advancement from 2020-2022. She has served as staff liaison to various ACS Committees and Task Forces and is a trained facilitator for courses within the ACS Leadership Development System.

In her current role LaTrease provides strategic direction and oversight for the Washington Information Technology unit; the Office of Philanthropy; ACS Membership; ACS Education; ACS Scientific Advancement; Meetings and Events; and global society engagement. She is a member of the American Chemical Society and the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers.

Rigoberto Hernandez

Ex Officio Member

Dr. Rigoberto Hernandez is the Gompf Family Professor in the Department of Chemistry at the Johns Hopkins University since 2016, and the Director of the Open Chemistry Collaborative in Diversity Equity (OXIDE). He is also a Professor in the Departments of Chemical and Biomolecular Engineering, and Materials Science and Engineering at Johns Hopkins University. He is the 2025 President-Elect of the American Chemical Society. He has published over 180 articles in theoretical and computational chemistry and discipline-based diversity research in chemistry. Dr. Hernandez is the recipient of a National Science Foundation (NSF) CAREER Award (1997), Research Corporation's Cottrell Scholar (1999), STAR (2016), and IMPACT Awards (2023); the Alfred P. Sloan Fellow Award (2000); the ACS Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences (2014); and the Herty Medal (2017). He is a Fellow of the American Association for the Advancement of Science (AAAS, 2004), the American Chemical Society (ACS, 2010), the American Physical Society (APS, 2011), and the Royal Society of Chemistry (FRSC, 2020). He holds a B.S.E. in Chemical Engineering and Mathematics from Princeton University (1989), and a Ph.D. in Chemistry from the University of California, Berkeley (1993).

Bonnie Lawlor

Ex Officio Member

Executive Director (Retired)

National Federation of Advanced Information Services

Leah R. McEwen

Ex Officio Member

Leah McEwen is Chemistry Librarian at Cornell University, based in the Clark Physical Sciences Library. She received her MS in Nutritional Biochemistry from Cornell and her MLS in Library Science from Emporia State. Leah is responsible for managing chemical information collections and services, including discovery, digital tools and data management. She is an international leader in chemistry data standards development and has served on Boards and contributed to a number of chemistry resources, including SciFinder-n, the CRC Handbook of Chemistry and Physics and Chemistry & Engineering News, the ACS Style Guide and the PubChem Database, among others.

Michelle M. Rogers

Ex Officio Member

Senior Chemical Regulatory Affairs Specialist
Cargill, Incorporated

David G. Shaw

Ex Officio Member

Professor Emeritus
University of Alaska, Fairbanks

Liana Vaccari

Staff Officer