UNIVERSITY OF DELAWARE

UNIVERSITY OF DELAWARE ENGINEERING

CHEMICAL AND BIOMOLECULAR ENGINEERING

NOV. 18, 2026 | 3:30 - 5:00 PM | 111 Memorial Hall

CELEBRATING CAREER LEARNINGS AND MILESTONES FROM CBE DISTINGUISHED ALUMNI



TERESA KARJALA (UD Ph.D. '92, NAE '26)

Dr. Teresa Karjala is a Senior R&D Fellow at Dow with expertise in polymer science and engineering, polyolefins, structure-property relationships, rheology, and polymer processing. Over her career, she has helped translate fundamental understanding of polymer molecular architecture into commercially successful materials and applications, contributing to numerous Dow polyethylene and elastomer product platforms. She is an inventor on more than 105 granted U.S. patents and has authored or presented more than 90 external publictions and presentations.

Teresa was elected to the National Academy of Engineering in 2026 and is a Fellow of the Society of Plastics Engineers. Her honors include R&D 100 Awards, an Edison Award, and the ACS Award for Team Innovation. She earned her B.S. in Chemical Engineering, summa cum laude, from Michigan Technological University and her Ph.D. in Chemical Engineering from the University of Delaware, where she studied under Professor Arthur Metzner.



MICHAEL KING (UD Ph.D. '80, NAE '26)

Dr. Michael L. King is a Professor of Practice in the Chemical Engineering Department at the University of Virginia. He joined UVA after a long career at Merck and Co., Inc where he retired as Senior Vice President of Science and Technology. At Merck Mike worked on the development and commercialization of scores of pharmaceuticals and vaccines. During the COVID pandemic he also played several key roles in COVAX with the goal of providing COVID vaccines to low and middle-income countries. He continues to serve the Coalition of Epidemic Preparedness Innovation (CEPI) organization as Vice Chair of their Scientific Advisory Committee and member of the Portfolio Strategy Management Committee.

Mike was elected to the National Academy of Engineering in 2026 "for leadership in the commercialization and manufacturing, and supply of vaccines and pharmaceuticals". He received his BS in ChE from Va Tech, his MS in ChE from UVA and his Ph.D. in ChE from University of Delaware, where he studied under Professor Robert Pigford.