



The 2024 recipient of the ENFL Mid-Career Award is **Professor Jingbo Louise Liu**, from the Department of Chemistry, Texas A&M University-Kingsville (TAMUK), and she is also a faculty affiliate at the Texas A&M Energy Institute. She was elected as the Chair of the Continuation, Tenure and Promotion Committee at the College of Arts and Sciences and Secretary of the Faculty Senator at TAMUK.

Prof Liu leads a research group that is focused on the design and evaluation of novel materials for energy storage. This includes materials for fuel cells, CO₂ capture & conversion, Li batteries, supercapacitors, and environmental applications with higher storage or trapping capacities relative to existing designs. Taking her work in other directions, she introduced new means of medical, disinfection applications, and forensic science through collaboration with the U.S. Air Force at Fort Sam Houston, Wright Patterson Air Force Base, and Air Force Academy. Dr Liu has authored/co-authored more than 160 multiple books and book chapters, as well as peer-reviewed journal articles. She presented more than 180 talks at professional conferences, universities, and other venues.

Prof Liu teaches both undergraduate and graduate courses in material sciences and chemistry. At TAMUK, she initiated a new certificate in nanoscience and engineering and extensively developed graduate courses in nanoscience, advanced materials, and environmental chemistry, with a strong focus on training the use of advanced X-ray and spectroscopic characterization techniques.

Prof Liu simultaneously maintains a range of contributions to ACS and the ENFL division. She has served as Division Chair and Councillor and, an ACS Career Consultant and Budget and Finance committee. She was the driving force behind a number of new initiatives during COVID that sought to keep the ENFL community active and in touch – for example monthly invited talks, student seminars and virtual networking opportunities. She has also collaborated with the ACS Publications and Division to promote Energy and Fuels leading-edge research, discovery and dissemination.

Dr Liu already has a long list of awards, including an elected member as the corresponding secretary of the Texas Academy of Science, Fellowships of the ACS,

Royal Society of Chemistry, and the Linnean Society of London. She was also selected as E. Ann Nalley Regional Award for Volunteer Service 2023, Southwest Region of the ACS; named the Women of the Year by the Texas Diversity Council in 2023 and one of 12 Distinguished Women in Chemistry or Chemical Engineering by the International Union of Pure and Applied Chemistry (2021).