

A VIRTUAL SEMINAR

CLIMATE CHANGE SYMPOSIUM



FRIDAY
SEPTEMBER 27, 2024



2:00 - 4:00 PM

Stories from STEM – Know Your Power

Presented by Professor Doris Lewis

Towards Electrification of the Chemical Industry

Presented by Dr. Shelley Minter

In “Stories from STEM - Know Your Power,” Dr. Doris Lewis will be presenting stories from a career in STEM that will inspire you to persevere and take the opportunities for career networking and influencing public policy. The understanding of climate change chemistry can provide the basis for meaningful actions.

Dr. Doris Lewis is Professor Emerita of Chemistry at Suffolk University, an ACS Fellow, and the Chair of the NESACS Government Relations Committee. She is currently associate member of the ACS Committee on Technician Affairs.

Her professional career in chemistry began at Suffolk University, Boston. This includes her tenure as chair and her many contributions to the department over 37 years, including the founding of the Forensic Science program, interdisciplinary collaborations with Suffolk’s MBA program, and creating a popular series of courses related to food and nutrition. She has also established the award-winning Suffolk University student chapter of the American Chemical Society.

Dr. Lewis is also the recipient of the E. Ann Nalley Award for Volunteer Service to the American Chemical Society and James Flack Norris Award for Service to the Northeastern Section and the Profession of Chemistry.



DR. DORIS LEWIS
PROFESSOR EMERITA,
CHEMISTRY & BIOCHEMISTRY
SUFFOLK UNIVERSITY



DR. SHELLEY MINTER
PROFESSOR, DEPT OF CHEMISTRY & DIRECTOR,
KUMMER INSTITUTE CENTER FOR RESOURCE
SUSTAINABILITY, MISSOURI UNIVERSITY
OF SCIENCE AND TECHNOLOGY

In Dr. Shelley Minter’s presentation, she will discuss using biocatalysts as electrocatalysts in electrosynthesis to improve sustainability and decarbonization of the chemical industry. She will also discuss the electrode materials innovation for interfacing complex proteins with electrode surfaces as well as using them for electrosynthesis of ammonia and other value-added products for sustainability in the chemical industry.

Dr. Shelley Minter is a Professor of Chemistry and the Director of the Kummer Institute Center for Resource Sustainability at Missouri University of Science and Technology. She is also the Director of the NSF Center for Synthetic Organic Electrochemistry.

She has published over 450 works and delivered more than 550 presentations at national and international venues. Among the many honors she has received are the Luigi Galvani Prize from the Bioelectrochemical Society, the Tajima and Bioelectrochemistry Prizes from the International Society of Electrochemistry, the Grahame Award from the Electrochemical Society, and Fellowships with both the Electrochemical Society and the International Society of Electrochemistry.

An expert in biosensors, biofuel cells, electrosynthesis, and bioelectronics, Dr. Minter’s research interests are focused on electrocatalysis and bioanalytical electrochemistry.

RSVP

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ACS Local Section
Southern California