Abstract: Join Fulbright scholar Dr. Moses Abraham Bokinala for an engaging talk on his experience in the United States. Moses is a Fulbright-Kalam Climate Fellow from India at the A.J. Drexel Nanomaterials Institute in the Department of Materials Science and Engineering. During his journey at Drexel, Moses had the opportunity to exchange culture and build strong connections with students, faculty and broader communities across the nation. As a cultural ambassador, Moses will speak about Indias rich civilizational history, from ancient knowledge systems and early contributions to living traditions that continue to influence everyday life. The session will highlight his research on advanced materials for renewable energy generation, including catalyst design and materials optimization using computational approaches. The talk will also feature his experience at the United Nations, where he engaged with Member States, UN agencies, policymakers, and civil society to strengthen the role of science and innovation in global decision making. Through personal stories from campus visits, seminar interactions, coffee conversations and community gatherings, the presentation will illustrate the value of welcoming international scholars. The session closes with an overview of Fulbright pathways for students, faculty and professional staff, highlighting international opportunities and cross-border learning.

Biography: Moses Abraham Bokinala is an emerging researcher in machine learning-driven materials discovery for sustainable energy generation. Moses received his Ph.D. in Physics from the University of Hyderabad, India. He has gained research experience as a Postdoctoral Fellow at the University of Barcelona and the Indian Institute of Technology Kanpur, where Moses developed theoretical frameworks for accelerating the discovery of next-generation materials for clean energy technologies. Moses has authored nearly 90 peer-reviewed journal articles and also serves as a Youth Editor of Nano-Micro Letters (Springer Nature). He has been recognized with several distinguished research grants and awards, including the Fulbright-Kalam Climate Fellowship by the U.S. Department of State, the Juan de la Cierva-Formación Fellowship from the Spanish Ministry, the HPC-Europa3 grant under the European Commission's Horizon 2020 program and the National Postdoctoral Fellowship from the Indian government. In addition to his research, Moses serves as a Climate Crisis Commission member at the International Union for Conservation of Nature (IUCN).