DEPARTMENT of INDUSTRIAL ENGINEERING
UNIVERSITY of HOUSTON

FRIDAY SEMINAR SERIES
BROADEN HORIZONS | EXTEND MINDS

Professor Guiping Hu
The Donald & Cathey Humphreys Chair
Head of School of Industrial Engineering and Management
Oklahoma State University
Stillwater, OK

Date: Friday, Nov., 15, 2024
Time: 1 - 1:50 pm
Location: D2 Lect2
Zoom Meeting ID: 970 7656 5407
Passcode: 477211

Nurturing Interdisciplinary Industrial Engineering in Research and Education

Abstract: University environments are becoming more dynamic and diverse than ever before. The landscape in industrial engineering continues to change rapidly and students and faculty in the discipline are called upon to address a broader range of problems that impact our everyday lives. As a pivotal approach to embracing the challenges and the opportunities posed for Industrial Engineers, interdisciplinary approaches play an increasingly important role, especially as systems become borderless and dynamic. Dr. Hu will share an overview of her interdisciplinary research portfolio in operations research, mathematical modeling, and decision support system development. Multiple applications and projects will be discussed, including supply chain design, manufacturing production, renewable energy production, sustainable agriculture and healthcare.

Short Bio: Dr. Guiping Hu is the Professor and Head of School of Industrial Engineering and Management at Oklahoma State University. She is also an IISE Fellow and the Donald & Cathey Humphreys Chair. During 2021-2022, She served as the Head of the Department of Sustainability at Rochester Institute of Technology. During 2022-2023, she served as the associate chair of Department of Industrial and Manufacturing Systems Engineering at Iowa State University where she was a faculty from 2009-2023. Her research focuses on operations research and data analytics with applications in supply chain design, manufacturing production, renewable energy systems, and sustainable agriculture. Dr. Hu's research has been supported by NSF, USDA, DOE, and DOD with over $11.9M funding. She has published about 100 journal articles and 50 conference proceedings with 4800+ citations. She is an ELATES fellow and an NSF IAspire Leadership Academy Fellow.