

AMIR MOUSAVIAN

Curriculum Vitae

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Education

2014 Auburn University, Ph.D. in Industrial and Systems Engineering
2012 Auburn University, M.S. in Industrial and Systems Engineering
2010 Malek Ashtar University of Technology, M.B.A. in Strategic Management
2007 Sharif University of Technology, B.S. in Industrial Engineering

Professional Experience

2022 – Present David Spatz '68 Endowed Chair and Associate Professor of Engineering and Management, Reh School of Business, Clarkson University
2021 – Present Director of Assessments for Student Learning Outcomes (Reporting to the Provost), Clarkson University
2021 – Present Director of Engineering and Management (E&M) Program (Reporting to the Dean), The Reh School of Business, Clarkson University
2018 – Present Director of Assurance of Learning (Reporting to the Dean), Reh School of Business, Clarkson University
2020 – Present Associate Professor of Engineering and Management, Reh School of Business, Clarkson University
2014 – 2020 Assistant Professor of Engineering and Management, Reh School of Business, Clarkson University
2017 – Present Courtesy Assistant/Associate Professor of Electrical and Computer Engineering, Clarkson University
2016 Visiting Research Scholar of Integrated Systems Engineering, Ohio State University
2013 – 2104 Instructor of Engineering Economics, Auburn University
2010 – 2014 Graduate Research Assistant, Auburn University
2008 – 2010 VP of Supply Chain, Rayan Electro-Pump Industries, Tehran, Iran
2007 – 2008 Project Manager, High Vacuum Research Center, Tehran, Iran

Highlighted Honors and Awards

Appointment as the David Spatz '68 Endowed Chair and Associate Professor of Engineering and Management, Reh School of Business, Clarkson University, 2022
Recipient of Distinguished Research Award, Reh School of Business, Clarkson University, 2021
Recipient of Outstanding Teaching Award, Clarkson University Faculty Teaching Excellence, Endowed fund in honor of Dr. McGill and Dr. Nye Smith, Clarkson University, 2017
Commended by the AACSB Peer Review Team on the Developed Assessment and Assurance of Learning Processes for Reh School of Business, AACSB Peer Review Team Report, 2020
Alpha Pi Mu, 2013 (The National honor Society for Industrial Engineering)
Outstanding Graduate Student of the ISE Department, Auburn University, 2013
Recipient of Distinguished Oral Presentation, Auburn University, 2013
Recipient of Julia and Albert Smith Graduate Fellowship in the Field of Energy and Environment, Auburn University, 2013
Recipient of Julia and Albert Smith Graduate Fellowship in the Field of Energy and Environment, Auburn University, 2012
Recipient of Graduate Student Travel Award, Auburn University, 2012, 2013, and 2014
National Examination Board, Graduate Entrance Exam to Public Universities, Ranked 71 in 40k+ Applicants, 2007
National Examination Board, Undergraduate Entrance Exam to Public Universities: Ranked 381 in 500k+ Applicants, 2003
Sharif University of Technology Undergraduate Fellowship for Exceptional Students, 2003 – 2007

Research Interests

Operations Research
Energy Markets
Cyber-Physical Systems
Supply Chain Management

Refereed Journal Publications

T. Mackey, S. Mousavian, "Firm Boundaries in Energy Markets: Should Heavy Users of Energy Vertically Integrate Into Production?" **Journal of Current Sustainable/Renewable Energy Reports**, July 2023.

B. Raouf, S. Mousavian, "A Robust Controller Design Based on Kharitonov'S Theorem for Frequency Control In An Interconnected Power System", **European Journal of Electrical Engineering and Computer Science**, Vol. 7, Issue 1, pp. 1-9, January 2023.

G. Madraki, S. Mousavian, "Fast Algorithm to Find All Performance Measures of a Job Shop System with a Perturbed Schedule," **IFAC-Papers OnLine**, Vol. 55, Issue 10, pp. 2809-2814, October 2022.

G. Madraki, S. Mousavian, Y. Salmani, "A Theoretical Framework for Increasing the Efficiency of Scheduling Improvement Heuristics Using a New DAG Longest Path Algorithm," **International Journal of Production Research**, pp. 1-21, January 2022.

B. Raouf, S. Mousavian, K. Ghazinour, "Interconnected Smart Power Grid and Electric Transportation: A SWOT Analysis," **Journal of Current Sustainable/Renewable Energy Reports**, September 2021.

S. Mousavian, B. Raouf, A. J. Conejo, "Equilibria in Interdependent Natural-gas and Electric Power Markets: An Analytical Approach," **Journal of Modern Power Systems and Clean Energy**, vol. 9, no. 4, pp. 776-787, July 2021.

J. Ojala, A. Minard, G. Madraki, S. Mousavian, "Graph-Based Modeling in Shop Scheduling Problems: Review and Extensions," **Journal of Applied Sciences**, 2021, vol. 11, no. 11, May 2021.

S. Mousavian, A. Conejo, R. Sioshansi, "Equilibria in Investment and Spot Electricity Markets, A Conjectural-Variations Approach," **European Journal of Operational Research**, vol. 281, Issue 1, pp. 129-140, February 2020.

S. Torabzadeh, M. J. Feizollahi, S. Mousavian, "Robust Unit Commitment and the Promise of Higher Reliability in Electricity Markets," **Current Sustainable/Renewable Energy Reports**, pp. 1-10, July 2019.

S. Mousavian, M. Erol-Kantarci, Lei Wu, T. Ortmeier, "A Risk-based Optimization Model for Electric Vehicle Infrastructure Response to Cyber Attacks," **IEEE Transactions on Smart Grid**, vol. 9, Issue. 6, pp. 6160-6169, November 2018.

Q. Zhao, S. Wang, X. Qin, S. Mousavian, L. Wu, "Simulation and Analysis of UHV Half wavelength and DC Hybrid Transmission System," **Journal of Global Energy Interconnection**, vol. 1, Issue 3, pp. 366-375, August 2018.

S. Mehrdad, S. Mousavian, G. Madraki, Y. Dvorkin, "Cyber-Physical Resilience of Electrical Power Systems against Malicious Attacks: A Review," **Journal of Current Sustainable/Renewable Energy Reports**, vol. 5, Issue 1, pp. 14-22, March 2018.

S. Zhu, L. Wu, S. Mousavian, J. H. Roh, "An Optimal Joint Placement of PMUs and Flow Measurements for Ensuring Power System Observability under N-2 Transmission Contingencies," **International Journal of Electrical Power & Energy Systems**, vol. 95, pp. 254-265, February 2018.

N. Nezamoddini, S. Mousavian, M. Erol-Kantarci, "A Risk Optimization Model for Enhanced Power Grid Resilience against Physical Attacks," **Electric Power Systems Research**, vol. 143, pp. 329-338, February 2017.

S. Mousavian, M. Feizollahi, "An investment decision model for the optimal allocation of phasor measurement units," **Expert Systems with Applications**, vol. 42, pp. 7276-7284, November 2015.

S. Mousavian, J. Valenzuela, J. Wang, "A Two-phase investment model for optimal allocation of phasor measurement units considering transmission switching," **Electric Power Systems Research**, vol. 119, pp. 492-498, February 2015.

S. Mousavian, J. Valenzuela, J. Wang, "A Probabilistic risk mitigation model for cyber-attacks to PMU network," **IEEE Transactions on Power Systems**, vol. 30, Issue. 1, pp.156-165, January 2015.

S. Mousavian, J. Valenzuela, J. Wang, "Real-time data reassurance in electrical power systems based on artificial neural networks," **Electric Power Systems Research**, vol. 96, pp. 285-295, March 2013.

Refereed Book Chapters

S. Mousavian, M. Erol-Kantarci, and H. T. Mouftah, "Cyber-security and Resiliency of Transportation and Power Systems in Smart Cities," in *Transportation and Power Grid in Smart Cities: Communication Networks and Services*, H. T. Mouftah, M. Erol-Kantarci and M. H. Rehmani, Eds., Hoboken, NJ: John Wiley and Sons Ltd, 2019, pp. 509-529.

Refereed Conference Papers

S. Zhu, L. Wu, Y. Liu, S. Mousavian, "Least-Cost Joint Placement of PMUs and Flow Measurements for Ensuring Topological Observability under N-2 Contingencies While Improving State Estimation Accuracy," *Proceedings of 2018 North American Power Symposium (NAPS)*, Fargo, ND, USA, 2018, pp. 1-6.

S. Mousavian, M. Erol-Kantarci, T. Ortmeyer, "Cyber Attack Protection for a Resilient Electric Vehicle Infrastructure," *Proceedings of the 2015 IEEE Globecom Workshops (GC Wkshps)*, San Diego, CA, 2015, pp. 1-6.

C. Williams, R. Nathanson, S. Mousavian, "Reexamining the Procurement Management Knowledge Area Utilizing Applied Data Analytics," *Proceedings of the IISE Annual Meeting Conference*, May 2018, Orlando, FL, pp. 553-558. (Collaboration with two undergraduate students)

M. Shea, A. Balasubramanian, S. Mousavian, "An Agile Approach to Improve Post-disaster Routine Care to Chronically Ill Patients," *Proceedings of the IISE Annual Meeting Conference*, May 2017, Orlando, FL, pp. 205-210. (Collaboration with two undergraduate students)

R. Custer, K. Martin, S. Mousavian, "International Labor Standards and Their Impact on Migrant Workers," *Proceedings of the IISE Annual Meeting Conference*, May 2016. (Collaboration with two MBA students)

Under Review and Working Papers

G. Madraki, S. Mousavian, "Advancing the Calculation Process in Each Iteration of Scheduling Heuristic Algorithms," **International Journal of Production Research**, Under Review.

S. Akbar Ghanadian, S. Ghanbartehrani, G. Madraki, S. Mousavian, "Application of Social Network Analysis in Evaluating Risk and network resilience of the Closed-Loop-Supply-Chain," **International Journal of Production Economics**, Under Review.

B. Raouf, S. Mousavian, "Active to Reactive Power Attack in Vehicle to Grid Technology," **Journal of IEEE Transactions on Smart Grid**, Under Review.

H. Fallah Lajimi, S. Soheilifar, G. Madraki, S. Mousavian, "A Practical Sustainable Supplier Segmentation Framework to Generate Effective Supplier Development Strategies under Uncertainty Conditions," **International Journal of Information Technology & Decision Making**, Under Review.

K. Ghazinour, R. Germann, S. Mousavian, "A Study on Parents' Concerns on Social Media Security and Privacy," In Progress.

S. Mousavian, L. Echazu, G. Ling, "Assurance of Learning through the Utilization of Standardized Outcomes Assessments on Both Critical Thinking Skills and Business-related Skills and Knowledge," Work in Progress.

B. Raouf, S. Mousavian, "Cyberattack Propagation Modeling & Detection Approaches in Interconnected Power & Electric Transportation Systems," Work in Progress.

Awarded Grants and Proposals

Reh School of Business Research Grant Proposals on International Entrepreneurship, Global Supply Chain Management, and Sustainable Development, Supply Chain of Electricity – From Cyber-Physical Systems Security to Integrated Energy Markets, PI: S. Mousavian, March 2022, \$5,000.

Clarkson University Faculty Research Support Fund, PI: S. Mousavian, January 2022, \$3,000.

DCSA: Graph-theoretic Cyberattack Propagation Modeling & Robust Prevention & Mitigation Approaches in Interconnected Power & Electric Transportation Systems, Lead PI: S. Mousavian, Clarkson University Grants Pilot Program to Support Ignite Graduate Research Fellowship, Co-PIs: L. Wu (Stevens Institute of Technology), G. Madraki (Clarkson University), March 2019, \$300,000.

Toward a Multifaceted Understanding of Student Learning Outcomes in Higher Education: A Longitudinal Study to Improve Assessment and Data Use at Clarkson University, Educational Testing Service (ETS), Clarkson PI: S. Mousavian, March 2018, \$125,000.

Excellence in Project Management Education at Clarkson University, Proctor & Gamble, PI: S. Mousavian, Co-PI: M. Issen, November 2014, \$10,000.

Attempted Grants and Proposals

HGS and CDED: Mitigating Vaccine Hesitancy on Social Media among the US Users in Communities Facing Health Disparities, Lead PI: G. Madraki, Clarkson 2022 Team Science Projects Planning Grant, Co-PIs: J. Matthews, S. Mousavian, Y. Zhang, January 2022, \$60,000.

Collaborative Research: CPS: Medium: Towards Cyber Resilience of Cyber-Physical Energy Systems Against Indirect IoT Cyberattacks, Lead PI: L. Wu, National Science Foundation (NSF), Cyber-Physical Systems (CPS) Division, Co-PIs: Clarkson University (S. Mousavian), New York University (Y. Dvorkin), Stevens Institute of Technology (L. Wu: Lead-PI, M. Song, S. Yu), \$1,200,000, June 2021.

Collaborative Research: CPS: Medium: A Holistic Approach to Cyber Resiliency of the Emerging Interconnected Transportation and Electric Power Systems, Lead PI: S. Mousavian, National Science Foundation (NSF), Cyber-Physical Systems (CPS) Division, Co-PIs: Clarkson University (S. Mousavian, J. Zhang), Ohio State University (A. J. Conejo), Rowan University (J. Li: Lead-PI at Rowan, M. Jalayer, C. Qiu), \$1,200,000, June 2020.

CPS: Medium: Collaborative Research: Defense against Indirect Cyberattacks on Energy Systems, Lead PI: Y. Dvorkin, National Science Foundation (NSF), Cyber-Physical Systems (CPS) Division, Co-PIs: Clarkson University (S. Mousavian: Lead-PI at Clarkson), New York University (Y. Dvorkin, A. Choromanska), Stevens Institute of Technology (L. Wu: Lead-PI at Stevens, M. Song, S. Yu), \$1,200,000, April 2020.

HWS: Real-time cyber-physical threat awareness for community microgrids, Lead PI: T. Vu, Clarkson University Pilot Program to Support Ignite Graduate Research Fellowship, Co-PIs: P. Athavale, T. Ortmeier, J. Matthews, S. Mousavian, December 2018, Finalist Proposal.

DCSA: Data Analytics Meets Cybersecurity: Advanced Resiliency of Emerging Smart Power Grids against Internet of Things (IoT)-based Cyberattacks, Lead PI: S. Mousavian, Clarkson University Pilot Program to Support Ignite Graduate Research Fellowship, Co-PIs: L. Wu, J. Matthews, December 2018.

Cyber Security for Connected Autonomous Electric Vehicles and Smart Grid, Lead PI: M. Erol Kantarci, National Sciences and Engineering Research Council of Canada (NSERC), Co-PIs: S. Mousavian, L. Wu, H. Yanikomeroglu, \$600,000, October 2018.

Defense in Depth for Charging Infrastructure (DDCI), Lead Institution: General Electric, Co-PI: Clarkson University (S. Mousavian), Department of Energy (DOE), Office of Energy Efficiency & Renewable Energy (EERE), June 2018.

CPS: Medium: Collaborative Research: DICES: Defense against Indirect Cyberattacks on Energy Systems, Lead PI: Y. Dvorkin, National Science Foundation (NSF), Cyber-Physical Systems (CPS) Division, Co-PIs: Clarkson University (S. Mousavian, L. Wu), New York University (Y. Dvorkin, A. Choromanska, S. Garg), \$1,000,000, May 2018.

CPS: Small: Collaborative Research: Graph-theoretic Cyberattack Propagation Modeling & Robust Prevention & Mitigation Approaches in Interconnected Power & Transportation Systems, Lead PI: S. Mousavian, National Science Foundation (NSF), Cyber-Physical Systems (CPS) Division, Co-PIs: Clarkson University (L. Wu), Ohio State University (R. Sioshansi, A. Conejo), University of Ottawa (M. Erol Kantarci), \$498,152, May 2018.

Data Analytics Meets Cybersecurity: Advanced Resiliency of Emerging Smart Power Grids against Internet of Things (IoT)-based Cyberattacks, Lead PI: S. Mousavian, Clarkson University Pilot Program to Support Ignite Graduate Research Fellowship, Co-PIs: L. Wu, J. Matthews, December 2017, Finalist Proposal.

SaTC: CORE: Medium: Collaborative: Graph-theoretic Cyber-Attack Propagation Modeling & Stochastic Optimization-based Prevention and Mitigation Approaches in Emerging Power Systems, Lead PI: S. Mousavian, National Science Foundation (NSF), Secure & Trustworthy Cyberspace (SaTC) Division, Co-PIs: Clarkson University (L. Wu, T. Ortmeyer), Ohio State University (R. Sioshansi, A. Conejo), University of Ottawa (M. Erol Kantarci), \$751,928, February 2017.

Cooperative Trust Communities and Stochastic Multi-Level Optimization Models to Enhance Networked Power and Electric Transportation Systems (PETS) Response to Infectious Cyberattacks, National Science Foundation (NSF), EPCN Division, Co-PIs: M. Erol Kantarci and T. Ortemeyer, \$450,000, October 2016.

CAT: Cyber-security in the Smart Power Grid, PI: S. Mousavian, Co-PI: L. Wu, May 2015, \$40,000.

Highlighted Webinars and Presentation

Power Skills: Equipping Students with Skills They Need to Succeed, AACSB Webinar, October 14th, 2020

Cyber-Physical Systems Security, Webinar, Sharif University of Technology, September 2020

Minimum Risk-Maximum Availability (MRMA) Response to Electric Vehicle Infrastructure Attacks, INFORMS 2016

Cyber Attack Protection for a Resilient Electric Vehicle Infrastructure, International INFORMS 2016

A Two-phase optimal investment model for placement of PMUs, INFORMS 2014

Risk mitigation model for cyber-attacks to PMU networks, INFORMS 2013

Optimal allocation of PMUs considering reliability of the PMU network, IISE conference 2013

Enhanced cyber-security for the operations of the smart grid, Distinguished oral presentation in Graduate Engineering Scholar Forum, Auburn University, 2013

Network data contamination detection with artificial neural networks, INFORMS 2012

Teaching

Average Teaching Evaluation Score 4.5/5

EM/OM 484 – Advanced Project Management, Clarkson University

EM/OM 341 – Global Sourcing and Supply Chain, Clarkson University

EM/OM 380 – Project Management, Clarkson University

OM 680 – Strategic Project Management, Clarkson University

INSY 3600 – Engineering Economics, Auburn University

Workshops Attended

AACSB Lessons for Aspiring Deans Seminar, 2021

RISE: Reframing Instruction for Success Everywhere, Clarkson University, 2020

AACSB Assurance of Learning II Seminar, 2019

ABET Fundamentals of Program Assessment, 2018

AACSB Assurance of Learning I Seminar, 2018
Quality Matters, Clarkson University, 2018
Research Grantsmanship, Clarkson University, 2014 – 2015
INFORMS New Faculty Colloquium, 2014
Global Supply Chain Management Executive Seminar, Clarkson University, 2014
Preparing Future Faculty, Auburn University, 2012 – 2013

Visibility

Appointment as David Spatz '68 Endowed Chair featured by Auburn University and Clarkson University, 2022
<https://eng.auburn.edu/news/2022/08/ise-alumnus-appointed-endowed-chair-at-clarkson-university>
<https://www.clarkson.edu/news/amir-mousavian-named-spatz-68-endowed-chair-clarkson-university>
Clarkson University Engineering & Management Program Maintains Prestigious Dual Accreditation, 2021
<https://www.clarkson.edu/news/clarkson-university-engineering-management-program-maintains-prestigious-dual-accreditation>
Power Skills: Equipping Students with the Skills They Need to Succeed, AACSB Webinar, 2020
Cyber-Physical Systems Security, Invited Webinar, Sharif University of Technology, September 2020
Spotlighted Research by the Advances in Engineering
<https://advanceseng.com/robust-unit-commitment-promise-higher-reliability-electricity-markets/>
Interview with IEEE for the spotlighted article by IEEE as the outstanding research publication
<http://ieeexplore-spotlight.ieee.org/article/an-antidote-for-the-power-grids-vulnerability-minimizing-cyber-attack-damage-via-pmu-networks/>
http://www.clarkson.edu/news/2015/news-release_2015-08-12-2.html
Advising two undergraduate students to accomplish a conference paper
http://www.clarkson.edu/news/2017/news-release_2017-04-04-3.html
Establishment of the Alpha Pi Mu National Honor Society at Clarkson University
<https://www.clarkson.edu/news/clarkson-engineering-management-program-opens-chapter-alpha-pi-mu-national-honor-society>

Service

David D. Reh School of Business, Clarkson University
Member, Search committee for the Associate Director of Engineering and Management Program, 2021
Chair, New faculty search committee for the Engineering and Management Program, 2021
Chair, New faculty search committee for the Engineering and Management Program, 2020
Ex Officio Member, Undergraduate Policy Committee, 2021 – Present
Member, Undergraduate Policy Committee, 2019 – 2021
Member, Ad hoc Permanent Dean Faculty Voice Facilitation Committee, 2020
Member, New faculty search committee for Finance, 2018
Establishment of the Alpha Pi Mu National Honor Society at Clarkson University, 2018
Faculty Advisor of Alpha Pi Mu, Engineering and Management National Honors Society, 2018 – Present
Member, Global business programs proposals committee, 2017 – 2018
Member, New faculty search committee for Engineering and Management, 2017
Faculty Advisor of Sigma Tau Iota, Engineering and Management Honors Society, 2017 – 2018
Founder and Faculty Advisor of the Clarkson University Student Society for Project Management (CUSP), 2015 - 2019
Member, Engineering and Management Faculty Advisory Committee, Fall 2014 – Present

Clarkson University

Member, Personalized Complementary Learning (PCL) Committee, 2022 – Present
Member, Dissertation Committee, Jackie Ojala, 2022 – Present
Member, Students Persistence Task Force, 2021 – Present.
Chair, Student Learning Outcomes Assessment Committee (SLOAC), 2021 – Present
Senator, Clarkson University Faculty Senate, 2020 – 2021

Member, University Research Advisory Council, 2020 – 2021
Member, Ad hoc committee to draft Clarkson Visual and Audio Recording Policy for Online Classes, 2020
Member, Student Learning Outcomes Assessment Committee, 2020 – 2021
Chair and Primary Advisor, Dissertation Committee, Beheshteh Raouf, 2019 – Present
Member, Institute for Sustainability and Environment Research Committee, 2015 –2019
Member, Dissertation Committee, Dr. Fazel Anjomshoa, 2018
Member, Dissertation Committee, Dr. Maryam Pouryazdanpanah Kermani, 2018
Member, Dissertation Committee, Dr. Songming Zhu, 2018
Honors Thesis Advisor, Troy White, 2017
Member, Masters Thesis Committee, Nona Jesmanitafti, 2016
Member, Dissertation Committee, Dr. Bingqian Hu, 2015
Faculty Advisor of the Iranian Student Association at Clarkson University, 2015 – Present
Committee member - The Emergency Management and Homeland Security Program Proposal, a collaboration between SUNY Canton and Clarkson University, 2014 –2015

Professional Service – National and International Organizations

Ad hoc Reviewer, National Science Foundation, CMMI/Civil Infrastructure Systems, (Spring 2023)
Co-Editor, Zero-Margin-Cost Market Design, Journal of Current Sustainable/Renewable Energy Reports (2021 – 2022)
Co-Editor, Energy Markets Section, Journal of Current Sustainable/Renewable Energy Reports (2017 – Present)
Invited Reviewer, Journal of IEEE Transactions on Smart Grid (2012-Present)
Invited Reviewer, Journal of IEEE Transactions on Power Systems (2017-Present)
Invited Reviewer, Journal of Electrical and Electronics Engineering Research (2013-Present)
Invited Reviewer, Journal of Energy Systems (2014-Present)
Invited Reviewer, Journal of Information Systems (2014-Present)
Invited Reviewer, IEEE Journal on Emerging and Selected Topics in Circuits and Systems (2016-Present)
Invited Reviewer, Journal of IEEE Transactions on Green Communications and Networking (2016-Present)
Invited Reviewer, Journal of Electric Power Components and Systems (2016-Present)
Invited Reviewer, IET Generation, Transmission & Distribution (2017-Present)
Invited Reviewer, IETE Journal of Research (2017-Present)
Invited Reviewer, International Journal of Industrial Engineering: Theory, Applications and Practice (2017-Present)
Invited Reviewer, European Journal of Operational Research (2018-Present)
Invited Reviewer, Journal of IEEE Transactions on Intelligent Vehicles (2018-Present)
Invited Reviewer, Journal of Electric Power Systems Research (2018-Present)
Invited Reviewer, Journal of IEEE Transactions on Intelligent Vehicles (2018-Present)
Invited Reviewer, Journal of Measurement (2019-Present)

Professional Service – Conferences

Session Organizer/Chair, INFORMS Annual Meeting, ENRE Cluster, Power System Resilient Design & Optimization, Every Year Since 2013
Awards Committee Co-Chair, ENRE-Energy Cluster, INFORMS Annual Meeting, 2019
Cluster Chair, ENRE-Energy Cluster, INFORMS Annual Meeting, 2016 – 2018
Session Organizer/Chair, International INFORMS Annual Meeting, Resilient Design of the Distribution Systems, 2016
Session Organizer/Chair, IIE Conference, Energy Cluster, Smart Grid Modeling, 2013

Professional Memberships – National and International Organizations

Member, AACSB International
Member, Institute of Industrial and Systems Engineers (IISE)
Member, Institute of Electrical and Electronics Engineers (IEEE)
Member, Institute for Operations Research and the Management Sciences (INFORMS)
Member, Project Management Institute (PMI)