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Meysam Rabiee

Education

- April 2018–now **Ph.D. Operations and Business Analytics**, *University of Oregon, Lundquist college of Business*
- 2008–2010 **M.S. Industrial Engineering**, *K. N. Toosi University of Technology, Iran*
- 2004–2008 **B.S. Industrial Engineering**, *Bu-Ali Sina University, Iran*

Research Interests

- Methodology: Mathematical Modeling, Multi-objective Optimization, Multi-Criteria Decision Making, Decision Support Systems, Machine Learning, Econometrics, Evolutionary Algorithms
- Application: Sustainable Supply Chain, Healthcare Analytics, Humanitarian Supply Chain, Scheduling, Group Decision Making

Teaching Experience

- Sole Instructor at University of Oregon:

- Spring 2021 **Project and Operations Management Models (OBA 466/566)**, *Online Section*
- Fall 2020 **Project and Operations Management Models (OBA 466/566)**, *Online Section*
- Winter 2020 **Project and Operations Management Models (OBA 466/566)**, *In-Person Section*
- Spring 2019 **Operations Management (OBA 335)**, *In-Person Section, Co-instructor*
Descriptive evaluation is available on request, UO's Revised qualitative evaluation system

- Teaching Assistant at University of Oregon:

- Fall 2019 **Predictive Analytics with Python**, *Undergraduate/Graduate Course*
- Winter 2019 **Predictive Analytics with R**, *Undergraduate/Graduate Course*
- Spring 2020 **Supply Chain Management**, *Undergraduate/Graduate Course*

- Sole Instructor at Bu-Ali Sina University:

- 2012–2016 **Linear Programming, Probability Theory, Statistics, Multi-Criteria Decision Making, Project Control & Planning, Quality Management, Facility Planning & Layout Design, Work & Time Study**, *Overall Teaching Evaluation Score: 91/100*

Awards and Honors

- 2020–2021 **Robin & Roger Best Teaching Award**, *University of Oregon*
Acknowledges and honors excellence in teaching as a sole instructor at Lundquist College of Business
- 2018–2020 **Summer Research Scholarship**, *University of Oregon, Lundquist College of Business*
- 2012–2014 **Early Career Research Grant**, *Bu-Ali Sina University*
- 2014–2016 **Teaching Excellence Award**, *Bu-Ali Sina University*
Recognizes and honors excellence in teaching Undergraduate Courses at Industrial Engineering Department

Selected Publications

- Jabbari, M., Sheikh, S., **Rabiee, M.**, & Oztekin, A. (2021). Collaborative decision support system for multi-criteria automatic clustering. *Decision Support Systems*, forthcoming.
- Hajiali, M., Teimouri, E., **Rabiee, M.**, & Delen, D., (2022). An Interactive Decision Support System for Real-time Ambulance Relocation with Priority Guidelines, *Decision Support Systems*, forthcoming.
- **Rabiee, M.**, Aslani, B., & Rezaei, J. (2021). A decision support system for detecting and handling biased decision-makers in multi criteria group decision-making problems. *Expert Systems with Applications*, 171, 114597.
- Jafarian, A., **Rabiee, M.**, & Tavana, M. (2020). A novel multi-objective co-evolutionary approach for supply chain gap analysis with consideration of uncertainties. *International Journal of Production Economics*, 228, 107852.
- **Rabiee, M.**, Zandieh, M., & Ramezani, P. (2012). Bi-objective partial flexible job shop scheduling problem: NSGA-II, NPGA, MOGA and PAES approaches. *International Journal of Production Research*, 50(24), 7327-7342.
- Jolai, F., **Rabiee, M.**, & Asefi, H. (2012). A novel hybrid meta-heuristic algorithm for a no-wait flexible flow shop scheduling problem with sequence dependent setup times. *International Journal of Production Research*, 50(24), 7447-7466.
- **Rabiee, M.**, Zandieh, M., & Jafarian, A. (2012). Scheduling of a no-wait two-machine flow shop with sequence-dependent setup times and probable rework using robust meta-heuristics. *International Journal of Production Research*, 50(24), 7428-7446.
- Please visit the following link for a complete list of other publications:
<https://scholar.google.com/citations?user=sy1Se5cAAAAJ&hl=en&oi=ao>

Under Review and Working Papers

- An Integrated Decision Support System for Multi-Target Forecasting: A Case Study of Energy Load Prediction For a Solar-Powered Residential House, Joint work with Shaya Sheikh, Asil Oztekin and Murtaza Nasir, (Major Revision at *Computers & Industrial Engineering*)
- Large-Scale Group Decision-Making and Rank Clustering-Joint work with Ali Fattahi and Babak Aslani, (In final preparation to be resubmitted to *Operations Research*), Available at [SSRN](#)
- Judicious Audits for Managing Social and Environmental Compliance in the Supplier Base, Essay 1 of PhD dissertation, (In final preparation to be submitted to *Decision Sciences*)
- A Hybrid Ensemble Framework and its Application in Expert-augmented Supervised Feature Selection, Essay 3 of PhD dissertation, (To be submitted to *Decision Support Systems* by June 2022)
- Insights into the sustainable supplier selection and order allocation problem, Joint work with Joseph Sarkis and Babak Aslani, (In final preparation to be submitted to *Annals of Operations Research*)
- Cooperative Incentive Design for Rural Dialysis Supply Chain Networks, (In early stage)

Service

- 2019 **Program Assistant for Program Committee**, *POMS Conference*, Washington, D.C.
- 2018 **Program Assistant for Program Committee**, *POMS Conference*, Houston, TX
- 2017 **Program Assistant for Program Committee**, *POMS Conference*, Seattle, WA
- 2015-2016 **Program Coordinator**, *Bu-Ali Sina University*
- 2012-2016 **Capstone Projects Supervisor**, *Bu-Ali Sina University*
- 2012-now **Reviewer**: *International Journal of Production Research, International Journal of Production Economies, Computer & Industrial Engineering, Expert Systems with Applications, Journal of the Operational Research Society, International Transactions in Operational Research, Engineering Optimization, International Journal of System Science, Journal of Experimental and Theoretical Artificial Intelligence, Journal of Structure and Infrastructure Engineering, Journal Industrial and Production Engineering, IEEE Transactions on Cybernetics, IEEE Access, Soft Computing, International Journal of Medical Informatics, Journal of Parallel and Distributed Computing*

Selected Certificates and Training

- Remote Course Builder**, *University of Oregon*, Lundquist College of Business
- Using Zoom for Teaching**, *University of Oregon*, Lundquist College of Business
- Ph.D. Students Teaching Training**, *University of Oregon*, Lundquist College of Business
- Teaching as a Sole Instructor**, *University of Oregon*, Teaching Effectiveness Program (TEP)
- Creating Interactive Multimedia Lessons in Canvas**, *University of Oregon*, TEP
- Grading and Feedback Strategy**, *University of Oregon*, TEP
- ISO 9001, Internal Auditor**, *Iran Institute of Industrial Engineering*

Work Experience

- 2012-2016 **Instructor**, *Bu-Ali Sina University, Tuyserkan's Industrial Engineering Department*
- 2010-2012 **Part-time Project Control Expert**, *Beta Group, Tehran, Iran*

Computer Skills

- Programming Languages**: MATLAB, Python, R
- Optimization Packages**: GAMS, Lingo
- Statistics and Math Packages**: STATA, Minitab, SAS
- Project Planning and Scheduling**: Microsoft Project (MSP), Primavera (P6)
- Experimental Design**: Design Expert, Minitab

Work Authorization Status

Permanent Resident (Green Card Holder)

References

Prof. Michael Pangburn, *Professor of Operations & Business Analytics*,
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University of Oregon,
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Prof. Dursun Delen, *Professor of Management Science & Information Systems*,
Spears School of Business,
Oklahoma State University,
Tulsa, OK
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Carey Business School,
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Dr. Shaya Sheikh, *Associate Professor of Management Science Studies*,
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