

Name

Mohammad Shbool

Education – degree, discipline, institution, year

- **Ph.D.** In Industrial Engineering (May 2016). University of Arkansas, Fayetteville, AR.
- **M.Sc.** In Industrial Engineering (March 2009). Jordan University of Science & Technology, Irbid, Jordan.
- **B.Sc.** In Biosystems Engineering (June 2004). Jordan University of Science and Technology, Irbid, Jordan

Academic experience – institution, rank, title (if appropriate), when, full time or part time

- **Assistant professor** – Department of Industrial Engineering, The University of Jordan, Amman, Jordan. May 2016 – current.
- **Instructor** – undergraduate level courses “Applied Statistics for Engineers” INEG 2313 and “Engineering Economic Analysis” INEG 2413 - Department of industrial engineering. University of Arkansas – Fayetteville. Summer and Fall 2013.
- **Teaching Assistant** – Undergraduate course level “Engineering Economic Analysis” INEG2413. Department of industrial engineering, University of Arkansas – Fayetteville.

Non-academic experience – company or entity, title, brief description of position, when, full time or part time

- **Production Planning Manager** (Full Time) – SWAROVSKI group. Factory at Jordan. Oct. 2008 - Sep. 2009.
- **Production Planning Supervisor** (Full Time) – NutriDar, Amman, Jordan. June 2007 – Oct 2008.

Certifications or professional registrations

- **EFQM** Certified Assessor

Current membership in professional organizations

- **IISE** (Institute of Industrial and systems Engineers)
- **Alpha Pi Mu**
- **JEA** (Jordanian Engineers Association)

Honors and awards

- **Funded Project** – Superconducting ceramics manufacturing to be used in body armor using Nanotechnology, KADDB, Jordan, 2017-2018

Service activities (within and outside of the institution)

- **Reviewer:** Arabian Journal for Science and Engineering - Springer
- **Reviewer:** Supply chain forum: international journal
- **Reviewer:** WileyPLUS course (Fundamentals of engineering economic analysis 1e WileyPlus) by White, Grasman, Case, Needy, & Pratt’s. I was invited by the digital advisory board to provide a review for this course. December 2015.
- **Judge:** First Lego League (FLL) – Jordan, Feb 25-26th, 2017. Jubilee Center for Excellence in Education, King Hussein Foundation, Amman, Jordan

The most important publications and presentations

- Alrashdan, A., Bataineh, O., **Shbool, M.** “Multi-criteria end milling parameters optimization of AISI D2 steel using genetic algorithm.” Int. J Adv. Manuf. Tech., 73 (2014) 1201-1212
- **Shbool, M.**, and Rossetti, M., "Physician Preference Items – A Decision Making Framework." Proceedings of the 2017 Industrial and Systems Engineering Conference. Pittsburgh, 2017.
- Rossetti, M., **Shbool, M.**, Varghese, V., and Pohl, E., “Investigating the Effect of Demand Aggregation on the Performance of an (R, Q) Inventory Control Policy.” The Proceedings of the 2013 Winter Simulation Conference.
- **Shbool, M.**, Pohl, E., Rossetti, M., Varghese, V., “Comparing Education and Training Requirements for Retail and Healthcare Supply Chain Professionals.” The Proceedings of the 34th American Society of Engineering Management Conference (ASEM-IAC), Minneapolis, MN, 2-5 October 2013.
- Parsa, P., **Shbool, M.**, Rossetti, M. D., Zhang, S. & Pohl, E. A., “A MultiObjective Decision Analysis for Supply Chain Collaboration Programs” Proceedings of the Decision Sciences Institute, Austin, Texas, November 2016.

The most recent professional development activities

- **Training seminars** offered by the Accreditation and Quality Assurance Center (AQAC), 2018.