

Name

Mazen M. Arafeh

Education – degree, discipline, institution, year

- Doctor of Engineering in Industrial and Manufacturing Engineering -May 2001
Cleveland State University, Cleveland, OH, USA
- Master of Science in Industrial and Manufacturing Engineering - March 1998
Cleveland State University, Cleveland, OH, USA
- Bachelor of Science in Chemical Engineering -January 1995
The University of Jordan, Amman, Jordan

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

- The University of Jordan , Industrial Engineering Department
- Associate Professor -August 2015-Present
 - Assistant Professor- September 2009- August 2015

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

- Director of The Center of Consultations & Training, 2016- 2018
The University of Jordan

Certifications or professional registrations

- Consultant Engineer November 2015
Jordan Higher Council for Professional Qualification and Accreditation/ Jordan Engineers Association
- King Abdullah II Award Certified Assessor. Accredited by the KACE -May 2013
- EFQM Certified Assessor. Accredited by the EFQM -June 2012
- Basics of Supply Chain Management. Accredited by the APICS -June 2012
- Six Sigma Black Belt. Accredited by the American Society for Quality (ASQ) - October 2010
- Lean Enterprise II. Accredited by the Institute of Industrial Engineers (IIE)- January 2005
- Six Sigma Green Belt. Accredited by the Institute of Industrial Engineers(IIE) -September 2003

Current membership in professional organizations

- Jordan Society for Quality
Elected member – Board of Directors - October 2014–Present
- American Society for Quality (ASQ) -June 2010
Elected Country Counselor - January 2013–Present
- European Foundation For Quality (EFQM)- June 2012
- American Production and Inventory Control Society (APICS)- May 2012
- Transportation Research Board (TRB)- October 2004
- INFORMS - August 2002
- Institute of Industrial Engineers (IIE)- October 1998
- Tau Beta Pi -May 1998
- Jordan Engineers Association -March 1995

Honors and awards

Service activities (within and outside of the institution)

The most important publications and presentations

- **Arafeh, M.**, Barghash, M., Haddad, N., Musharbash, N, Nashawati, D., Al-Bashir, A., and Assaf, F. (In Press), “Using Six Sigma DMAIC Methodology and Discrete Event Simulation to Reduce Patient Discharge Time in a Cancer Treatment Hospital”, Journal of Healthcare Engineering.
- Al-Zain, Y., Alfandi, L., **Arafeh, M.**, Salim, S., Al-Quraini, S., Al-Yaseen, A., Abu Taleb, D. (In Press), “Implementing Lean Six Sigma in a Kuwaiti Private Hospital”, International Journal of Health Care Quality Assurance.
- Saleh, F., Sweis, R., Abdelqader, B., Abdallah, A., and **Arafeh, M.** (2017) “The Effect of TQM Dimensions on the Performance of International Non-Governmental Organizations Operating in Jordan”, International Journal of Productivity and Quality Management, Vol. 21, No. 4.
- Mkhaimer, L., **Arafeh, M.**, and Sakhrieh, A. (2017) “Effective implementation of ISO 50001 energy management system: Applying Lean Six Sigma approach”, International Journal of Engineering Business Management.
- Arafeh, M.** (2016), “Leveraging Six Sigma Tools and Methodology to Improve Student English Language Performance at Elementary School”, American Journal of Operations Research (AJOR), Vol. 6, No. 4, p. 261–274.
- Tahboub, K., Barghash, M., **Arafeh, M.**, and Ghazal, O., (2016), “An ANN-GA framework for optimal engine modeling”, Mathematical Problems in Engineering 2016.
- Hemeimat, R., Al-Qatawneh, L., **Arafeh, M.**, and Masoud, S. (2016), “Forecasting Spare Parts Demand Using Statistical Analysis”, American Journal of Operations Research (AJOR), Vol. 6, No. 2, p. 113–120.
- Ramadan, N. and **Arafeh, M.**, (2016), “Healthcare quality maturity assessment model based on quality drivers”, International Journal of Health Care Quality Assurance, Vol. 29, No. 3.

The most recent professional development activities

Consultant Engineer, Jordan Higher Council for Professional Qualification and Accreditation, JEA