

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

- Health Care Certified Accreditation Consultant (HCCAC) August 2019
Specialty: Strategic Quality Improvement, Planning, and Management
Accredited by Health Care Accreditation Council–Jordan (HCAC)
- ISO 9001 Lead Auditor March 2019
Accredited by the Chartered Quality Institute (CQI/IRCA)
- Certified Manager of Quality/Organizational Excellence July 2018
Accredited by the American Society for Quality (ASQ)
- 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

- Arafah, M.**, Khader, M., Desouky, T., Azzam, N, & Aljundi (2021), “Six sigma application for raising student academic achievement”, Management Science Letters, Vol. 11, No. 3, p. 699-710.
- Altawal, D., **Arafah, M.** & Sweis, G. (2020) “A Model Utilizing the Artificial Neural Network In Cost Estimation Of Construction Projects In Jordan”, Engineering, Construction and Architectural Management.
- Kassab, G., Khater, D., Odeh, F., Shatanawi, K., Halalsheh, M., **Arafah, M.**, & van Lier, J. B. (2020), “Impact of Nanoscale Magnetite and Zero Valent Iron on the Batch-Wise Anaerobic Co-Digestion of Food Waste and Waste-Activated Sludge”, Water, 12(5), 1283.
- Lina Gharaibeh, L., Matarneh, T., **Arafah, M.**, Sweis, G. (2020), “Factors leading to design changes in Jordanian construction projects”, International Journal of Productivity and Performance Management.
- Abdel Halim, R., **Arafah, M.**, Sweis, G., and Sweis, R. (2019), “Critical success factors for enterprise resource planning systems from the stakeholders’ perspective: the case of Jordan”, Modern Applied Science, Vol. 13, No. 1.
- Al-Zain, Y., Alfandi, L., **Arafah, M.**, Salim, S., Al-Quraini, S., Al-Yaseen, A., and Abu Taleb, D. (2019), “Implementing Lean Six Sigma in a Kuwaiti Private Hospital”, International Journal of Health Care Quality Assurance, Vol. 32, No. 7-
- Arafah, 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., **Arafah, 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 **Arafah, 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., **Arafah, M.**, and Sakhrieh, A. (2017) “Effective implementation of ISO 50001 energy management system: Applying Lean Six Sigma approach”, International Journal of Engineering Business Management.

The most recent professional development activities

- Health Care Certified Accreditation Consultant (HCCAC) August 2019
Specialty: Strategic Quality Improvement, Planning, and Management
Accredited by Health Care Accreditation Council–Jordan (HCAC)