

Name:

Associate Prof. Hatem M. Alsyouri, Ph.D.

Education

- MBA, Quality Management, German Jordanian University, Amman, Jordan 2010
- German Jordanian University, Amman, Jordan, 2010.
- PhD, Chemical Engineering (combined MSc and PhD), University of Cincinnati, Cincinnati-Ohio, USA, 2004.
- BSc, Chemical Engineering, University of Jordan, Amman, Jordan, 1998.

Academic experience

- (Associate professor, Department chair), Chemical Engineering Department, American University of the Middle East, Kuwait. 2015–present.
- (Assistant professor, Associate professor, Assistant Dean for Accreditation and Quality Assurance), Chemical Engineering Department, The University of Jordan, Jordan. 2008–2015.
- Part-time lecturer, Fire and Safety Engineering Department, Prince Al-Hussein Academy for Public Protection–Albalqa University, Jordan. 2010–2015.
- (Researcher and Deputy Director), Industrial Chemistry Center, Royal Scientific Society, Amman, Jordan. 2006–2008.
- Post-doctoral fellow, Chemical & Biomolecular Engineering, Georgia Institute of Technology, Atlanta, Georgia, USA. 2005–2006.

Non-academic experience

- Aljubail Water Engineering, Jordan. Roles: Sales and maintenance engineer. 1998-1999.

Certifications or professional registrations

- Consultant Engineer professional grade (application in process), Jordan Engineers Association, Amman – Jordan.

Current membership in professional organizations

- Jordan Engineers Association, Jordan, (1998–Present).
- American Institute for Chemical Engineers (AIChE), USA, (2002–2007, 2019-Present)

Honors and awards

- Distinguished supervisor for undergraduate projects. King Abdullah II Fund for Development (KAFFD), Jordan, 2013
- Erasmus-Mundus research scholarship, Greece & Portugal 2013
- DFG research scholarship, Germany 2009 and 2012
- First Place in student paper contest, 8th International Conference on Inorganic Membranes (ICIM-8), USA, 2004
- Outstanding Graduate Research Award, University of Cincinnati, USA, 2004

Service activities (within and outside of the institution)

- Department Chair, Chemical Engineering department, AUM, 2017 – Now.

Publications and presentations from the past five years

- A.K. Qaroush, A.F. Eftaiha, M. Abu-Daabes, **H. M. Alsyouri**, K. I. Assaf, “New Metrics of Green Sorbents for CO₂ Capturing”, *Advanced Sustainable Systems*, 4(7), pp. 1-15, 2020.
- F.F. Eliyan, **H.M. Alsyouri**, “Effects of Chloride and Carbonate on Corrosion of API-X100 Pipeline Steel”, *Journal of Materials Engineering and Performance*, 28, p. 1728, 2019.
- F. Al-Hadeethi, N. Haddad, A. Said, **H. Alsyouri**, A. Abdelhadi, “Modeling hydrogen storage on Mg–H₂ and LiNH₂ under variable temperature using multiple regression analysis with respect to ANOVA”, *International Journal of Hydrogen Energy*, 42(40), pp. 25558-25564, 2017.
- F. Al-Hadeethi; **H. Alsyouri**, S. Dwairi, "Modeling the Galvanic Corrosion Behavior of Pd-Cu Couple Used in Hydrogen Purification - PEM Fuel cell Hybrid Systems", *International Journal of Hydrogen Energy*, 41(45), pp. 20771-20778, 2016.
- A.K. Qaroush, D.A. Castillo-Molina, C. Troll, M.A. Abu-Daabes, **H.M. Alsyouri**, A.S. Abu-Surrah, B. Rieger, “[n]-Oligourea-Based Green Sorbents with Enhanced CO₂ Sorption Capacity”, *ChemSusChem*, 8 (9), pp. 1618-1626, 2015.

Professional development activities (most recent)

- “Data Analysis Essentials using Excel”, Online training course (12 hours), Udem.com, 2021.
- “Data Science A-Z™: Real-Life Data Science Exercises Included”, Online training course (21 hours), Udem.com, 2021.
- “ABET Program Assessment Workshop” (14 hours), American University of the Middle East, Kuwait, 2017.