

Dr. Mohammed H. Alamoudi*Assistant Professor, Department of Industrial Engineering, King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Industrial Engineering	University of Miami, USA	2017
M.Sc	Industrial Engineering	University of Miami, USA	2013
B.Sc	Industrial Engineering	King Abdulaziz University, Saudi Arabia	2011

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
2019	Present	King Abdulaziz University	Assistant Professor		Full Time

Non Academic Industrial Experience *(including Consultations)*

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description (Brief)</i>	<i>Full or Part Time</i>
2013	2017	Biomechanics Research Lab, University of Miami, USA	Researcher	Conduct and analyze biomechanics experimtns	Part Time
Jan, 2013	Apr, 2013	AAR Aircrafts Services, USA	Researcher	Streamline the process in the warehouses	Part Time

Institutional and Professional Services *(administration, committees, units, etc.)*

1. Member of the Services Committee, KAU, 2019 – present.
2. Member of the External Monitoring Committee, KAU, 2019 – present

Principal Publications/Presentations from the Past Five Years

1. Alamoudi M., Francesco T., Onar A. T., Eltoukhy M., Asfour S. The Effects of Different Carrying Methods on Locomotion Stability, Gait Spatio-Temporal Parameters and Spinal Stresses. *International Journal of Industrial Ergonomics*. 67 (2018): 81-88.
2. Alamoudi M., Stambolian D., Asfour S. Center of Mass Deviation from Center of Base of Support as a Measure of Frontal and Sagittal Stability. *International Journal of Biomedical Engineering and Science (IJBES)*. 2016; 3:1:1 – 18.
3. Alamoudi M., Asfour S., Travasio F. The Effects of Asymmetrical and Symmetrical Load Carrying on Lumbar Spine Biomechanics. *Orthopedics Research Society (ORS)* 2018.
4. AlGeshyan F., Alamoudi M., Travasio F., Eltoukhy M., Zakaria K., Temple H. T., Asfour S. The Effect of Distal Femoral Replace Using a Metallic Endoprosthesis and Allograft Reconstruction on Locomotion Stability. *Orthopedics Research Society (ORS)* 2018.
5. Alamoudi M., Travasio F., Asfour S. Quantifying Locomotion Stability by Measuring the Deviation of the Extrapolated Center of Mass from the Centroid of Base of Support. *Summer Biomechanics, Bioengineering, and Biotransport Conference (SB3C)* 2017.
6. Alamoudi M., Travasio F., Asfour S. The Effects of Different Carrying Methods on Spatio-Temporal Gait Parameters. *Summer Biomechanics, Bioengineering, and Biotransport Conference (SB3C)* 2017.

Recent Professional Development Activities (<i>Workshops, training, etc.</i>)	
1.	Ortohopedics Research Society Workshops, USA, 2018
2.	Summer Biomechanics, Bioengineering, and Biotransport Conference (SB3C) 2017
3.	Training Course on the use of AnyBody Software, USA, 2015.
4.	Training Course on the use of Vicon Motion Capturing System Software, USA, 2013
5.	Bioemchanics Research Lab Workshop, USA, 2013