

**DR. ALNUWAIMI, Majdi***Associate professor, Nuclear Engineering Dept., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Medical Imaging	Surrey University (UK)	2012
MS	Medical physics	Surrey University (UK)	2008
BS	Electronics and Communications Engineering	King Abdulaziz University Saudi Arabia	2002

**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>
2012	2019	King Abdulaziz University	Assistant Professor		Full-Time
2019	Present	King Abdulaziz University	Associate Professor		Full-Time

**Current Membership in Professional Societies and Organizations**

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Health Physics Society		2012

**Service Activities** (*within and outside of the institution*)

1. Photo sensor for use as a radiation detector and power supply and method for making and using the device, US Patent App. 14/742,380, 2015
2. Head of Recruitment Committee, Engineering Faculty, KAU (2016-2019)
3. Head of Security and Safety, KAU, 2019 - present

**Recent Professional Development Activities** (*Workshops, training, etc.*)

1. Romana Shahzadi, Syed Muhammad Anwar, Farhan Qamar, Mudassar Ali, Joel Rodrigues, Majdi Alnowami: Secure EEG Signal Transmission for Remote Health Monitoring Using Optical Chaos. IEEE Access 04/2019; PP(99):1-1., DOI:10.1109/ACCESS.2019.2912548
2. Sanay Muhammad Umar Saeed, Syed Muhammad Anwar, Muhammad Majid, Muhammad Awais, Majdi Alnowami: Selection of Neural Oscillatory Features for Human Stress Classification with Single Channel EEG Headset. BioMed Research International 12/2018; 2018(1):1-8., DOI:10.1155/2018/1049257
3. Syed Muhammad Anwar, Maheen Gul, Muhammad Majid, Majdi Alnowami: Arrhythmia Classification of ECG Signals Using Hybrid Features. Computational and Mathematical Methods in Medicine 11/2018; 2018(10):1-8., DOI:10.1155/2018/1380348
4. Syed Muhammad Anwar, Muhammad Majid, Adnan Qayyum, Muhammad Awais, Majdi Alnowami, Muhammad Khurram Khan: Medical Image Analysis using Convolutional

Neural Networks: A Review. Journal of Medical Systems 10/2018; 42(11):226.,  
DOI:10.1007/s10916-018-1088-1

5. N. Irawati, S. W. Harun, S. Adwan, M. Alnowami, H. Ahmad: PMMA microfiber coated with al-doped ZnO nanostructures for detecting uric acid. Microwave and Optical Technology Letters 10/2015; 57(10)., DOI:10.1002/mop.29353