

Majid Kamal Nour*Assistant Professor, Department of Electrical and Computer Engineering, King Abdulaziz University**Director of the Center Of knowledge Economy & Technology Transfer***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Ph.D.	Electronics Engineering (Biomedical)	RMIT University	2010-2014
MS	Electronics Engineering (Biomedical)	La Trobe University	2008-2010
BS	Electrical & Computer Engineering (Biomedical)	King Abdulaziz University	2003-2007

Academic Experience

<i>From To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
Fall 2017 – Current	King Abdulaziz University		Assistant Professor	Full Time
Aug 2019 – Current	King Abdulaziz University		Director of the Center Of knowledge Economy & Tech. Transfer	Full Time
Jul – Sept 2018	King Abdulaziz University		Acting Vice Dean	Full Time
Fall 2006 – Fall 2007	King Abdulaziz University		Teaching Assistant	Part Time

Non-Academic Experience (Including Consultations)

Projects Manager & Medical Equipment Consultant -TIME Hospital Consultants, Jeddah, KSA	Dec 2014 – Aug 2018
Deputy Manager- ADAM Medical Equipment, Jeddah, KSA	Aug 2015 – Aug 2017
Business Development Manager - ADAM Medical Equipment, Jeddah, KSA	Feb 2015 – Aug 2015
Lab demonstrator - RMIT University, Melbourne, AUS	Jul 2013 – Jul 2014
Quality Analyst / Sales Engineer- (Secutronic), Jeddah, KSA	Nov 2007 – Jul 2008
Biomedical Engineer Intern - International Medical Center (IMC), Jeddah, KSA	Nov 2006 – Aug 2007
Field Counter - Ministry of Economy and Planning, Jeddah, KSA	Aug – Sep 2004

Funded Research Projects and Patents From The Last Five Years**Certifications and Professional Registrations**

- Green belt in lean six sigma
- Strategic planning course
- ELISA machine practical training for food allergy test use from r-biopharm, Germany

- SFDA Medical Device sector policies and regulations course
- Medical Equipment Planning & hospital design workshop - 24 training hours
- MRI principles workshop - 10 training hours
- Communication & Intro to Beyond Selling course -10 training hours
- Time management course - 8 training hours
- Basic Cardiac Life Support Provider certification from the Saudi Heart association
- Leadership & Communication course - 45 training hours
- Attended & graduated the Saudi Aramco College Preparation Program (CPP)

Current Membership in Professional Societies and Organizations

	<i>Society/Organization</i>	<i>Rank</i>	<i>Since</i>
i.	Biomedical Engineering Saudi Society	Board Chair	2015
ii.	Saudi Quality Council Membership	Member	2008
iii.	Saudi Council of Engineers Membership	Member	2005

Honors and Awards

- Academic excellence award from ministry of higher education (Saudi Arabian cultural mission in Australia) 3 Times 2010, 2012 and 2013, \$2,470 each
- CSIRO (Commonwealth Scientific & Industrial Research Organisation) Scholarship, \$3,000
- Measuring and Managing Methane Emissions from Livestock: from Laboratory to Landscape, The CSIRO Flagship Cluster, 2011, 3 years, \$3,000,000 (team member)
- Golden Key Inter. Honor Society 2010

Institutional and Professional Services

Principal Publications/Presentations from the Past Five Years

Year	Journal	Title
2020	Applied Acoustics	A novel demodulation structure for quadrate modulation signals using the segmentary neural network modelling
2020	Applied Acoustics	A different sleep apnea classification system with neural network based on the acceleration signals
2020	Polymers	Organosoluble Starch-Cellulose Binary Polymer Blend as a Quasi-Solid Electrolyte in a Dye-Sensitized Solar Cell
2020	Mathematical Problems in Engineering	Automatic Classification of Hypertension Types Based on Personal Features by Machine Learning Algorithms
2015	Scientific Reports	A unique in vivo approach for investigating antimicrobial materials utilizing fistulated animals
2015	Physical Chemistry C	Enhanced gas permeation of graphene nanocomposite membranes

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

- ABET IDEAL Workshop held on September 2-5, 2019.
- Teaching & Learning Development Diploma Jun 2019