

DR. NAZEEH S. ALOTHMANY*Assistant Professor, Dept. of Electrical and Computer Eng., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Electrical and Computer Engineering	University of Pittsburgh	2009
MS	Electrical and Computer Engineering	University of Michigan	1999
BS	Electrical and Computer Engineering	King Abdulaziz University	1993

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i> (Chair, Full or Coordinator, etc.)	<i>Part Time</i>
2009	Date	King Abdulaziz Univ.	Assistant Professor		Full Time

Non Academic Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position</i>	<i>Description</i>	<i>Full or Part Time</i>
2013	Date	Ministry of Health	Consultant,	Med.	Manufacturing Project	Full Time
2009	2013	Business Trading Co	Consultant	Preparing specs for Biomedical Services	Tenders,	Part Time
1993	1996	GE Medical Systems	Service Engineer	X-Ray, Laser and Ultrasound machines		Full Time

Funded Research Projects and Patents from the Past Five Years

1. Special Grant From King Abdulaziz City for Science and Technology, KACST, Utilization Electricity In Bone Healing, 2012
2. HiCi Research Initiative Funded Project, King Abdulaziz University, Visual Voiding Device for Urology Diagnosis, 2012
3. Grant From King Abdulaziz University, using Kinect for Motion Analysis, 2013
4. Grant From King Abdulaziz University, Image Processing Tools To Remove Breathing Artifact In MRI Images, 2013

Certifications and Professional Registrations**Current Membership in Professional Societies and Organizations**

<i>Society/Organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Institute of Electrical and Electronics Engineers	Member	2006
2. Saudi Scientific Society for Biomedical Engineering	Chairman	2009
3. Saudi Council for Engineers	Member	2009

Honors and Awards

1. Saudi Airline Award for Distinguished Graduates From USA 2009
2. Saudi Cultural Mission Award for PhD Graduates From USA 2009

3. College of Engineering Award for Excellence In Society Leadership 2011

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

1. Consultant for King Abdulaziz Establishment for Giftedness and Innovation Summer Programs
2. Consultant for Business Incubators In King Abdulaziz University
3. CEO for The Biomedical Engineering and Giftedness House of Experts In King Abdulaziz University.

Principal Publications/Presentations from the Past Five Years

1. "Characterization of The Optically Stimulated Luminescence NanoDot for CT Dosimetry," Life Sciences Journal, Feb, 2014
2. "Characterization of Optically Stimulated Luminescence NanoDots for Assessment of Breast Doses During Mammography Screening," Accepted for Publication In Medical Dosimetry Journal
3. "Economic Home-based ECG Monitor," King Abdulaziz University Journal-Engineering Sciences, Volume 25, Issue 1, 2014
4. Book Chapter "Nano-imaging: a Nano-technology Perspective of Receptor-Ligand Interaction," Nanoimaging (Vol. 12), Nanotechnology Series, Stadium Press LLC, 2013
5. "Towards Localization of Technology: Controlling Speed of Treadmill using Heart Rate," Middle East Conference on Biomedical Engineering, Texas A&M University, Doha, Qatar, Feb 2014
6. "Effect of Electrospinning Parameters on Nanofiber Diameter Made of Poly (vinyl Alcohol) As Determined By Atomic force Microscopy," Middle East Conference on Biomedical Engineering, Doha, Qatar, Feb 2014
7. "Characterization of The Optically Stimulated Luminescence NanoDot for CT Dosimetry," 04/2013; In Proceeding of: 2013 International Conference on Medical Physics, At England
8. "Novel Time-Frequency Features for Normal ECG," International Journal for Dental and Medical Research, vol 5, no 3, December 10, 2012
9. "Feasibility Study of Markerless Gait Tracking using Kinect," Ehab Hafez, Afzal Khan, Majdi Alnowaimi, Ali H. Morfeq, Nazeeh Alothmany Life Science Journal, 04/2014; 11 (1).
10. Book Chapter "Nano-imaging: a Nano-technology Perspective of Receptor-Ligand Interaction," Nanoimaging (Vol. 12), Nanotechnology Series, Stadium Press LLC, 2013

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

1. "Incorporating Innovation Into Institutions," 25 Hours Training By Prof Robert Ebstien An Expert and An Author of Multiple Books on Innovative Thinking.
2. Organizing 4 Conferences for The Saudi Scientific Society for Biomedical Engineering During The Years 2010-2014
3. Organizing 25 Workshops and Seminars for The Saudi Scientific Society for Biomedical Engineering During The Years 2010-2014
4. Multiple Trainings for 60 Hours on Entrepreneurship Concepts and Marketing of Technology By Badir, King Abdulaziz City for Science and Technology.