

Faculty Name:		Prof. Abdalmajeid M. Alyassin
Education:	<ul style="list-style-type: none"> ➤ 1989 - B.S. degree with a Summa Cum laude in Electrical Engineering from St. Mary's University, San Antonio, TX USA ➤ 1994 - Ph.D. degree in Radiological Sciences – Medical Physics from the University of Texas Health Science Center at San Antonio, TX USA 	
Academic experience:	<ul style="list-style-type: none"> ➤ King Abdulaziz University, Jeddah Saudi Arabia Full time Professor, 2009 – 2012 and 2013 – Present ➤ Yarmouk University, Irbid Jordan Full time Professor, 2005 – 2009 and 2012 - 2013 ➤ Zarka Private University, Zarka Jordan Full time Associate Professor, 2004 – 2005 ➤ Union College, Schenectady NY USA Adjunct Associate Professor, 2002 - 2004 	
2002 - Present		
Non-academic experience	<ul style="list-style-type: none"> ➤ General Electric Company Global Research Center, Schenectady NY 12309, USA Full time Senior Medical Physics Scientist 	
1994 – 2004	<ul style="list-style-type: none"> • Worked on state of the art projects in medical imaging and 3D visualizations & was awarded the golden medal patent invention 	
Certifications or professional registrations	<ul style="list-style-type: none"> ➤ Passed the general and the clinical exam 1 of the the American Board of Radiology 	
Current membership in professional organizations	<ul style="list-style-type: none"> ➤ American Association of Physicists in Medicine ➤ Jordainian Association for Physicists in Medicine ➤ Saudi Medical Physics Society ➤ International Organization of Medical Physics 	
Honors and awards	<ul style="list-style-type: none"> ➤ 2013 – Award from IDEAL ABET workshop at KAU ➤ 2013 - Best Teacher award in the faculty of science at YU / solely selected by students ➤ 2012 - Recognition award from Nuclear Engineering Department at KAU, Saudi Arabia ➤ 2012 - Recognition award from The Faculty of Engineering at KAU, Saudi Arabia ➤ 2011 - Active Learning Award at King Abdulaziz University (KAU) ➤ 1999 - Recipient of the Dushman Award, which is the GE-GRC 	
Service Activities	<ul style="list-style-type: none"> ➤ NE Department ABET Champion ➤ Member of several department committees ➤ Member of several departmental and faculty committees in Jordan 	
Publications & presentations from the past five years	<ol style="list-style-type: none"> 1. A.M. ALYASSIN, “Unsupervised and Precise Tracking of Brain Parenchyma Volume Using Dual Spin Echo T2 Weighted MR Data”, Accepted for publication in the Current Medical Imaging Review Journal, April 2015. 2. A.M. ALYASSIN, H. A. Maqsoud, A. M. Mashat, A. Al-Mohr, S. Abdulwajid, ”Feasibility Study of Gamma-Ray Medical Radiography”, Applied Radiation and Isotopes Journal, Volume 72, pp 16-29, Feb 2013. dx.doi.org/10.1016/j.apradiso.2012.11.001 	

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3. A.M. Ababneh, A.M. Almomani, A.M. ALYASSIN, and Z.Q. Ababneh, "DISTRIBUTION OF NATURAL AND ANTHROPOGENIC RADIONUCLIDES IN HEAVY RAINFALL AREAS IN JORDAN", Radiation Protection Dosimetry, Vol. 150, No. 1, pp 82-90, 2011. doi:10.1093/rpd/ncr371
 4. D. Langan, PM Edic, AM ALYASSIN, B Claus, , J Manak, JV Miller, "METHOD AND APPARATUS FOR CORRECTING MOTION IN IMAGE RECONSTRUCTION". Patent No. US2006133564-A1; & US 7,782,998B2, Issued Aug 24th, 2010.
 5. Z. Q. Ababneh, A M. ALYASSIN, K. M. Aljarrah, and A. M. Ababneh, "MEASUREMENT OF NATURAL AND ARTIFICIAL RADIOACTIVITY IN POWDERED MILK CONSUMED IN JORDAN AND ESTIMATES OF THE CORRESPONDING ANNUAL EFFECTIVE DOSE", Radiation Protection Dosimetry, Vol. 138, No. 3, pp. 278–283, 2010. doi:10.1093/rpd/ncp260
 6. A.M. ALYASSIN, "Obstacle exclusion from X-ray CT angiography data for 3D image diagnosis", Jordan Journal of Physics, Volume 2, Number 1, pp. 59-72, 2009.
 7. A. M. Ababneh, M.S. Masa'deh, Z.Q. Ababneh, M.A. Awawdeh, A.M. ALYASSIN, "Radioactivity Concentration in Soil and Vegetables from the Northern Jordan Rift and Corresponding Dose Estimate", Radiation Protection Dosimetry, Vol 134, No 1. pp.30-37, 2009. doi:10.1093/rpd/ncp064
 8. A.M. ALYASSIN, "Automatic Quantitative Bladder Measurements Using MRI", Abhath Al-Yarmouk – Basic Sciences and Engineering, vol. 17 No.1A, pp. 77-91 , 2008.
 9. A.M. ALYASSIN, H. A. Maqsoud, A. M. Mashat, A. Al-Mohr, S. Abdulwajid, "Feasibility Study of Gamma-Ray Medical Radiography", presented at the 54th Annual Meeting of the American Association of Physicists in Medicine, Charlotte NC, USA, July-Aug 2012. Abstract was published in Medical Physics, vol 39 (6), P3648, June 2012.
 10. A.M. ALYASSIN, "Endogenous MRI Biomarker to Track Neurological Disorder", presented at the 50th Annual Meeting of the American Association of Physicists in Medicine, USA, July-Aug 2008. Abstract was published in Medical Physics, Vol. 35- (6), p2907, June 2008.
 11. A.M. ALYASSIN, "Automatic Quantitative MRI Technique as a Tracking Neurological Biomarker", presented at the International Conference on Medical Physics, – Current and Future Sciences in Radiation Sciences, Abstract was published in conference proceedings, p60, Dubai, April 2008.
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Professional development activities

- A.M. ALYASSIN, H. A. Maqsoud, A. M. Mashat, A. Al-Mohr, S. Abdulwajid, "Feasibility Study of Gamma-Ray Medical Radiography", presented at the 54th Annual Meeting of the American Association of Physicists in Medicine, Charlotte NC, USA, July-Aug 2012.
 - A.M. ALYASSIN, "Endogenous MRI Biomarker to Track Neurological Disorder", presented at the 50th Annual Meeting of the American Association of Physicists in Medicine, USA, July-Aug 2008.
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