

Faculty Name: Dr. Essam Mohammed Banoqitah	
Education:	<ul style="list-style-type: none"> ➤ Ph.D. Medical Physics and bioengineering, University College London, London, United Kingdom, 2014. ➤ M.Sc. Medical and Radiation Physics, University of Birmingham, Birmingham,, United Kingdom, 2009. ➤ B.Sc. Biomedical Engineering, King Abdulaziz University, Jeddah, Saudi Arabia, 2006.
Academic experience:	<ul style="list-style-type: none"> ➤ 2014-Now Assistance Professor, Nuclear Engineering Department, Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia. ➤ 2006-2007 Assistance Teacher and Lab Demonstrator, Nuclear Engineering Department, Faculty of Engineering, King Abdulaziz University, Jeddah, Saudi Arabia.
Non-academic experience	<ul style="list-style-type: none"> ➤ 2004-2005 Part-time worked, Al-Jeel Company trading in Medical Instrumentation, Jeddah, Saudi Arabia.
Current membership in prof. organizations	<ul style="list-style-type: none"> ➤ IPEM (Institute of Physics and Engineering in Medicine) ➤ IEEE (Institute of Electrical and Electronics Engineers) ➤ SSSBE (Saudi Scientific Society for Biomedical Engineering) ➤ SMPS (Saudi Medical Physics Society)
Service Activities	<ul style="list-style-type: none"> ➤ Organised & attended a short course of " Radiation Protection in Nuclear Medicine" in Summer 2007
Publications & presentations from the past five years	<ol style="list-style-type: none"> 1. Al-Othmany, D. S., Hussain, A., & Banoqitah, E., High-Level Radioactive Waste Storage Feasibility for the Kingdom of Saudi Arabia. Arabian Journal for Science and Engineering (2014). 2. E Banoqitah, N Calvert, G J Royle, M A Alnaaimi, C Christodoulou, W Ghoggali, & R D Speller. Enhancing the performance of the UCL pixellated HPGe Compton camera using split events. ." Physics in medicine and biology" (Submitted to the reviewers) 3. Alnaaimi, M. A., G. J. Royle, W. Ghoggali, E. Banoqitah, I. Cullum, and R. D. Speller. "Performance evaluation of a pixellated Ge Compton camera." Physics in medicine and biology 56, no. 12 (2011): 3473.