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Education

2007-2012	Doctor of Philosophy , Medical Physics (Health Sciences) Swansea University – UK Thesis Title: Bone mineral density studies in patients receiving treatment for cancer
2004–2006	Master of Science , Medical Radiation Physics University of Wales Swansea – UK Dissertation Title: Design of a Nuclear Cardiology Phantom
1996–2000	Bachelor of Science , Applied/Medical Physics Applied Science University – Jordan

Research Experience

2009-2012	Healthcare Scientist , Medical Physics Department (Nuclear Medicine) - Singleton Hospital, Swansea, UK
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Teaching Experience

Sep. 2020 –	Assistant Professor
Till now	Al-Balqa Applied University – Al-Salt, Jordan
Sep. 2012 –	Assistant Professor
Aug. 2020	University of Tabuk – Tabuk, Saudi Arabia

Awards and Special Achievements:

2017-2020	Head of preparatory year committee, Faculty of Science, University of Tabuk.
2014-2017	Consultant at Graduate Studies Deanship, University of Tabuk.
2012-2020	Chairing and Member in number of faculty and department committees including Measurements and Evaluation, Student advising, Staff recruitment, Health Faculties Preparatory Year.

Academic Memberships:

2009	Fellow of Royal Society of Medicine (RSM), UK
2007	Member of Institute of Physics and Engineering in Medicine (IPEM), UK
2007	Member of National Osteoporosis Society (NOS), UK
2009	Member of The American Association of Physicists in Medicine (AAPM), USA



Recent Publications

- 1 Mahmoud Diab, **M. Almatari**, Ali Alghamdi, Osama Al-Amer, Magbool Alelyani, Abdullah Alasadi, 2020. Comparison between the gold standard DXA and bone marker for patient at risk of osteoporosis in Tabuk, Saudi Arabia. *Bioscience Research* 17 (2218-3973), 1493-1497.
 - 2 M. Sayyed and **M. Almatari**, 2020. Radiation Shielding Investigation of Lead Borophosphate Glasses Modified by Tungsten Oxide. *Journal of Testing and Evaluation* 48, no. 5.
 - 3 **M. Almatari**, Shams A.M. Issa , M.G. Dong , M.I. Sayyed, R. Ayad, 2019. Comparison between MCNP5, Geant4 and experimental data for gamma rays attenuation of PbO–BaO–B₂O₃ glasses. *Heliyon*, 5 (8), e02364.
 - 4 Tekin, H.O., Kilicoglu, O., Kavaz, E., Altunsoy, E.E., **Almatari, M.**, Agar, O. and Sayyed, M.I., 2019. The investigation of gamma-ray and neutron shielding parameters of Na₂O-CaO-P₂O₅-SiO₂ bioactive glasses using MCNPX codewe. *Results in Physics*, 12, 1797-1804.
 - 5 **Almatari, M.**, Agar, O., Altunsoy, E.E., Kilicoglu, O., Sayyed, M.I. and Tekin, H.O., 2019. Photon and neutron shielding characteristics of samarium doped lead alumino borate glasses containing barium, lithium and zinc oxides determined at medical diagnostic energies. *Results in Physics*, 12, 2123-2128.
 - 6 **Almatari, M.**, 2019 Gamma radiation shielding properties of glasses within the TeO₂-TiO₂-ZnO system. *Radiochimica Acta*, 107(6), 517-522.
 - 7 **Almatari, M.** and Sayyed, M.I., 2018. Radiation Shielding Investigation of Lead Borophosphate Glasses Modified by Tungsten Oxide. *Journal of Testing and Evaluation*, 48(5).
 - 8 Elmahroug, Y., **Almatari, M.**, Sayyed, M.I., Dong, M.G. and Tekin, H.O., 2018. Investigation of radiation shielding properties for Bi₂O₃-V₂O₅-TeO₂ glass system using MCNP5 code. *Journal of Non-Crystalline Solids*, 499, pp.32-40.
 - 9 Sayyed, M.I., Tekin, H.O., Altunsoy, E.E., Obaid, S.S. and **Almatari, M.**, 2018. Radiation shielding study of tellurite tungsten glasses with different antimony oxide as transparent shielding materials using MCNPX code. *Journal of Non-Crystalline Solids*, 498, pp.167-172.
 - 10 Mari, M., Alloubani, A., Alzaatreh, M., Abunab, H., Gonzales, A. and **Almatari, M.**, 2018. International Nursing: Job Satisfaction Among Critical Care Nurses in a Governmental Hospital in Saudi Arabia. *Nursing administration quarterly*, 42(3), pp.E1-E9.
 - 11 **Almatari, M.** "Energy Absorption and Exposure Buildup Factors For Some Bioactive Glasses Samples: Penetration Depth, Photon Energy, And Atomic Number Dependence." *Journal of Optoelectronics and Biomedical Materials* Vol 9.2 (2017): 95-105.
 - 12 Abdelhafiz, I.M., Alloubani, A.M.D. and **Almatari, M.**, 2016. Impact of leadership styles adopted by head nurses on job satisfaction: a comparative study between governmental and private hospitals in Jordan. *Journal of nursing management*, 24(3), pp.384-392.
 - 13 Mohammad Mari, AlaDeen Alloubani, Mohammad Alza'atreh, Hamzeh Abunab, Analita Gonzales, **Mohammad Almatari** (2016); Job Satisfaction and Chronic Disease among Critical Care Nurses in a Governmental Hospital in Saudi Arabia; *European Journal of Scientific Research* 137(4).
 - 14 Alzaheb, RA., **Almatari, M.**, Alloubani, A., Alatawi, N., & Alatawi, N. (2015). Review: Protein Intake During Breastfeeding, Complementary and Pre-school Periods. *European Scientific Journal* 11(36).
 - 15 Alzaheb, RA., Alloubani, A., **Almatari, M.**, Alatawi, N., & Alatawi, N. (2015). Protein Requirements in Infancy and Childhood with Actual Intakes of Protein in Developed and Developing Countries. *European Journal of Scientific Research* 136(3).
 - 16 I. Sharman, A. Alloubani, **M. Almatari**; IMPACT OF LEADERSHIP STYLES ADOPTED BY HEAD NURSES ON JOB SATISFACTION; *Journal of Nursing Management, Wiley (ISI Journal)*, 27 AUG 2015, DOI: 10.1111/jonm.12333
 - 17 AlaDeen Mah'd Alloubani, **Mohammad Almatari**, Mohammad Musa Almkhtar; REVIEW: EFFECTS OF LEADERSHIP STYLES ON QUALITY OF SERVICES IN HEALTHCARE; *European Scientific Journal*, June 2014, edition vol.10, No.18
 - 18 **Mohammad Almatari**, Maung Moe, Parvaiz Ali, Peter Willshaw; BONE DENSITY CHANGES DURING ADJUVANT AROMATASE INHIBITOR TREATMENT IN BREAST CANCER PATIENTS: SINGLE CENTRE EXPERIENCE, *World Congress on Medical Physics and Biomedical Engineering*,
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19	September 7 - 12, 2009, Munich, Germany, IFMBE Proceedings Volume 25/2, 2009, p 930 M. Moe, Dr. M. Almatari , P. Ali and P. Willshaw; BISPHOSPHONATE THERAPY REQUIREMENT DURING ADJUVANT AROMATASE INHIBITOR THERAPY IN EARLY BREAST CANCER PATIENTS ACCORDING TO UK BONE HEALTH GUIDELINES; Journal of Clinical Oncology, 2009 ASCO Annual Meeting Proceedings (Post-Meeting Edition). Vol 27, No 15S (May 20 Supplement), 2009: e11612
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Conferences/ Workshops/ Seminars:

2012	Jordanian Association Physicist in Medicine Quality Assurance in Nuclear Medicine Conference, Amman, Jordan – Oral Presentation
2010	NOS Osteoporosis Conference, Liverpool, UK – Poster Presentation
2009	11th World Congress on Medical Physics and Biomedical Engineering, Munich, Germany- Oral presentation
2009	IPEM All Wales meeting, Swansea, UK
2009	NOS Osteoporosis Conference, Manchester, UK - Poster Presentation
2009	ASCO in Orlando, FL USA - Online publish-only.
2009	Royal Society of Medicine radiology section meeting, London, UK
2009	ISCD-IOF Joint Meeting, USA – Florida - Poster Presentation
2008	IOF World Congress on Osteoporosis, Bangkok, Thailand - Poster Presentation
2008	Poster presentation in the IOF-WCO: Lifestyle Risk Factors for Osteoporosis.
2006	IPEM Wales Conference: Presenting “Design of a Nuclear Cardiology Phantom”

References

Available upon request
