

Dr Bashar Sa'ed Al Qaroot

Associate Professor

Personal information:

Date of Birth	18 th of October, 1982
Place of Birth	Amman, Jordan
Marital Status	Married
Gender	Male
Place of residence	Amman, Jordan
Nationality	Jordanian
Email	B.qaroot@ju.edu.jo
Current Address	Department of Orthotics and Prosthetics Faculty of Rehabilitation Sciences The University of Jordan Amman 11942 Jordan

Qualifications:

2000-2004	Bachelor degree in Orthotics and prosthetics The University of Jordan (Jordan-Amman)
2007-2009	Master of science by research (Orthotics and prosthetics) University of Salford (United kingdom-Manchester)
2009-2012	Doctor of Philosophy (Orthotics and prosthetics) University of Salford (United kingdom-Manchester)

Employment:

2020-now	Associate professor, the University of Jordan, orthotics and prosthetics department, Amman, Jordan
2021-now	Head of Orthotics and Prosthetics department, Rehabilitation Sciences Faculty, the University of Jordan, Amman, Jordan
2019-2020	Head of Orthotics and Prosthetics department, Rehabilitation Sciences Faculty, the University of Jordan, Amman, Jordan
2018-now	Prosthetics and orthotics consultant, orthotics and prosthetics clinic, University of Jordan, Amman, Jordan

2017-2018	Head of Orthotics and Prosthetics department, Rehabilitation Sciences Faculty, the University of Jordan, Amman, Jordan
2015-2016	Head of Orthotics and Prosthetics department, Rehabilitation Sciences Faculty, the University of Jordan, Amman, Jordan
2014-2015	Assistant Dean for Development and Quality Assurance, the University of Jordan, Rehabilitation Sciences Faculty, Amman, Jordan
2014-2015	Assistant Dean for Students' affairs, the University of Jordan, Rehabilitation Sciences Faculty, Amman, Jordan
2012-2020	Assistant professor, the University of Jordan, orthotics and prosthetics department, Amman, Jordan
2012-now	Prosthetics and orthotics consultant/spinal orthoses as part of students clinical practice training, Al Bashir Hospital, orthotics and prosthetics department, Amman, Jordan
2010-2012	Lecturer and supervisor, the University of Salford, Radiography department, Greater Manchester, UK
2009-2010	Student-hosts' supervisor, the University of Salford, Greater Manchester, UK
2006-2007	Teaching assistant, the University of Jordan, orthotics and prosthetics department, Amman, Jordan
2005-2006	Orthotist, the University of Jordan hospital. Orthotist, Amman, Jordan
2004-2006	Manager, Al-noor optical/distribution branch, Amman, Jordan

Committees/societies:

2016-2018	Head of clinic committee at the rehabilitation sciences school at the university of Jordan
2016-now	Member of prosthetics and orthotics profession licensing committee at the Jordanian ministry of health
2013-2016	President (chair) of the prosthetics and orthotics society in Jordan
2012-now	Regular reviewer for "prosthetics and orthotics international journal"

Honorary positions:

2012–2015 Honorary research fellow, the University of Salford, Greater Manchester, UK

Languages:

- Arabic and English.

Conferences:

- Alqarroot B, Twiste M, Howard D, Jones R. The effects of wearing spinal orthoses on gait. 4th North West Biomechanics Research Day, Salford, UK, 15 May 2009.
- Alqarroot B, Twiste M, Howard D, Jones R. The effect of using three different designs of plastic spinal jackets on gait. International Society of Prosthetics and Orthotics (ISPO) annual scientific meeting, Chester, UK, 9-10 Oct 2009.
- Alqarroot B, Twiste M, Howard D, Jones R. The effects of wearing spinal orthoses on gait. Postgraduate Researchers in Science Medicine (PRISM) annual conference, Manchester, UK, 30 Oct 2009.
- Alqarroot B, Twiste M, Howard D, Hogg P, MacAlon M. The effect of body fat percentage on inter-vertebral spinal mobility control from hyper-extension spinal orthoses. International Society of Prosthetics and Orthotics (ISPO) annual scientific meeting, Newcastle, UK, 4-5 Nov 2010
- Alqarroot B, Hogg P, Twiste M, Howard D, McGill G, MacAlon M. Optimisation of lateral thoraco-lumbar acquisition parameters for Cobb and superimposition methods of inter-vertebral movement estimation. United Kingdom Radiological Congress (UKRC), Manchester, UK, 6-8 June 2011.
- Alqarroot B, Hogg P, Twiste M, Howard D, McGill G, MacAlon M. Optimisation of lateral thoraco-lumbar acquisition parameters for Cobb and superimposition methods of inter-vertebral movement estimation. College of S&T Research Showcase, Salford, UK, 16 June 2011
- Alqarroot B, Hogg P, Twiste M, Howard D, MacAlon M. Visual analysis of image quality in lateral thoraco-lumbar anthropomorphic phantom images for inter-vertebral mobility estimation. College of S&T Research Showcase, Salford, UK, 16 June 2011.

- Alqaroot B, Hogg P, Twiste M, Howard D, MacAlon M. Optimisation of X-radiation dose and diagnostic image quality. Research seminar series 2012, School of Health Sciences, Salford, UK, 30 May 2012.
- Alqaroot B, Hogg P, Twiste M, Howard D, MacAlon M. Accuracy and reliability of Cobb and superimposition methods for inter-vertebral movement measurements from X-ray images. United Kingdom Radiological Congress (UKRC), Manchester, UK, 25-27 June 2012.
- Mattar F, AL Qudaimat H, Al Qaroot B, Alyaman M. Low cost foot plantar-pressure scanning pad. 3rd Middle East Conference on Biomedical Engineering (MECBME), Lebanon, 6-7 October 2016

Publications:

- Khanfar A, Rimawi A, Al Qaroot B. Talar neck non-union in an athlete successfully treated with a synthetic bone graft: A case report. *Trauma Case Rep.* 2021 Feb 9;33:100405. doi: 10.1016/j.tcr.2021.100405. PMID: 33912646; PMCID: PMC8063905.
- Al Qaroot B. Comments regarding "In-brace alteration of pulmonary functions in adolescents wearing a brace for idiopathic scoliosis" by Yagci et al. (2019). *Prosthet Orthot Int.* 2020 Apr;44(2):99. doi: 10.1177/0309364619889481. Epub 2020 Apr 2. PMID: 32238106.
- Khanfar A, Al Qaroot B. Could glutathione depletion be the Trojan horse of COVID-19 mortality? *Eur Rev Med Pharmacol Sci.* 2020 Dec;24(23):12500-12509. doi: 10.26355/eurev_202012_24046. PMID: 33336769.
- Khanfar A, Al Qaroot B, Alsousi A, Zughoul B, Al Elaumi A, Hamdan M, Safi R. A novel method in assessing lower limb motor function. *J Orthop Surg (Hong Kong).* 2019 May-Aug;27(2):2309499019849956. doi: 10.1177/2309499019849956. PMID: 31130080.
- Al Qaroot BS, Sobuh M. Does integrating research into the prosthetics and orthotics undergraduate curriculum enhance students' clinical practice? An interview study on students' perception. *Prosthet Orthot Int.* 2016 Jun;40(3):357-62. doi: 10.1177/0309364614553696. Epub 2014 Oct 22. PMID: 25338735.
- Al Qaroot B, Hogg P, Twiste M, Howard D. A systematic procedure to optimise dose and image quality for the measurement of inter-vertebral angles from lateral spinal projections using Cobb and superimposition methods. *J Xray Sci Technol.* 2014;22(5):613-25. doi: 10.3233/XST-140449. PMID: 25265922.
- Malheem M, Al Qaroot B. Lower limb prosthetic prescription in Jordan, *Jordan Medical Journal*, 2014, 48 (1).

- Al Qaroot B., Twiste M., Howard D., Hogg P. May 2012; letter to the editor on 'How to get ahead of the curve', Synergy, pp.28.
- Norton S, Hogg P, Higgins R, Robinson L, Mackay S, Norton E, Newton-Hughes A, Szczepura K, Tootell A, Farnell A, Al Qaroot B, Manning D. September 2012; 'Further developments in a research-led diagnostic radiography curriculum', Synergy, pp.28-30.

Courses:

2011	Teaching at university for postgraduates
2009	Electronic resources for researchers
2009	Building your power point presentation
2009	Enhancing your power point presentation
2009	Microsoft word levels 2 & 3
2003	Össur lower limb prosthesis workshop