
Name and title: Dr Rami M.A. Al-Dirini

Current position: Senior Lecturer in Biomedical Engineering

Qualifications: BSc (Eng)(Hons) *University of Jordan*, PhD *University of South Australia*, Grad Cert (Research Commercialization) *University of South Australia*

Membership of professional bodies:

Australia and New Zealand Orthopedic Research Society (ANZORS)
International Society of Prosthetics and Orthotics (ISPO)

Recent academic appointment record (last 10 years):

Senior Lecturer in Biomedical Engineering, Flinders University (since 2020)
Research Fellow, Flinders University (2018 – 2020)
Research Associate, Flinders University (2014 – 2018)
Research Assistant, University of South Australia (2010 – 2014)

Contributions to educational development:

Topic coordinator and lecturer at Flinders University for:
Finite Element Methods (ENGR7961) Since 2019
Biomechanics (ENGR2732/8732) 2020
Lecturer for Physiological Measurements (ENGR3741), Flinders University (since 2020)
Adj Lecturer for Biomechanical Engineering (ME4101 and ME7044), Adelaide University (2014, 2018–2020)
Contributed to the development of video content of CAD modelling as part of the Engineering Design (ENGR), Flinders University (2016 - 2018)
CAD Instructor for Engineering Design (ENGR), Flinders University (2016 - 2018)

Field of engineering research and publication count:

Biomedical Engineering and Biomechanics: 14 journal articles, 1 book chapter, 3 conference papers and 20+ conference presentations.

Previous industry appointments: N/A

Collaboration and consulting with industry:

Collaborations

- University of Southampton (UK) – on amputee biomechanics
- Cardiff University (UK) – on sitting biomechanics and DVC
- Flinders Medical Centre and Brown University (USA) – on hand biomechanics
- U of Adelaide and Queensland University for Technology – on knee biomechanics

Consulting:

Amplitude Australia PTY LTD, DePuy Synthes

Other relevant professional activity:

Examiner for ARC

Reviewer for several scientific journals