

## Biography

### Professor Gordon G. Wallace

#### Position

Australian Research Council Laureate Fellow.  
Executive Research Director of the Australian Research Council  
Centre of Excellence for Electromaterials Science.  
Director of the Intelligent Polymer Research Institute, University of  
Wollongong.  
Director of the Australian National Fabrication Facility, Materials  
Node.



[Professor Gordon Wallace](#) is involved in the design and discovery of new materials for use in Energy and Health. In the Health area this involves using new materials to develop biocommunications from the molecular to skeletal domains in order to improve human performance via medical Bionics. In the Energy area this involves use of new materials to transform and to store energy, including novel wearable and implantable energy systems for the use in Medical Bionics.

He is committed to the translation of fundamental discoveries into practical applications. He is a passionate communicator, dedicated to explaining scientific advances to all in the community from the lay person to the specialist.

Gordon was recently appointed to the Prime Ministers Knowledge Nation 100.

Gordon is a Fellow of the Australian Academy of Science, Australian Academy of Technological Sciences and Engineering (ATSE), Institute of Physics, and Royal Australian Chemical Institute (RACI).

He has published more than 800 refereed publications that have attracted in excess of 25,000 citations; a monograph (3<sup>rd</sup> Edition published in 2009) on Conductive Electroactive Polymers: Intelligent Polymer Systems and co-authored a monograph on Organic Bionics (published 2012). He has recently co-authored an [eBook on 3D BioPrinting](#) He led the presentation of a [MOOC on 3D Bioprinting](#) on the FutureLearn platform.

Gordon has supervised almost 100 PhD students to completion and has mentored more than 50 research fellows.

Gordon completed his undergraduate (1979) and PhD (1983) degrees at Deakin University and was awarded a DSc from Deakin University in 2000. He was appointed as a Professor at the University of Wollongong in 1990. He was awarded an ARC Professorial Fellowship in 2002; an ARC Federation Fellowship in 2006 and ARC Laureate Fellowship in 2011.

His other passions include Soccer, Australian Football League (Geelong Football Club) and Music.