

Gunilla Burrowes

PROFILE

An Electrical Engineer with a broad range of industry and academic experience, Gunilla is passionate about innovation and diversity and is an advocate for increasing the profile of engineering and science in the community. Her engineering career has taken her on a parallel journey of supporting organisations in their gender equity journey along side being entrepreneurial through financial investment and corporate governance of start-up and scale-up engineering businesses.

Gunilla Burrowes is a nationally recognised leader in gender diversity with a focus on cognitive bias training through her consultancy *Gender Matters Pty Ltd* that she established in 2011 with Dr Mark Toner. She has managed Women in Engineering and Diversity in Engineering programs at the *University of Newcastle* and *Victoria University* and was a major instigator of Engineers Australia's very successful themed year '2007: The Year of Women in Engineering'. Gunilla was awarded the National AaeE Award for Cultural Change in Engineering Education in 2002. She is an accredited Myers Briggs trainer and uses an understanding of personality types in both her gender work as well as in business.

Gunilla co-founded an underwater technology company, the *BlueZone Group* in 2000 and completed a PhD in Underwater Communication Networks in collaboration with this business. She is also a founder and inaugural Chair of *Rights House Incorporated*, now merged with Hunter Angels, Angel Investing organisations based in the Hunter Region of NSW, that invests private equity in start-up business and is director of one of them, *SwitchDin Pty Ltd*. Gunilla now runs a co-working incubator space, *Eighteen04 Inc.* for start-ups and scale-ups in the Clean Tech and Smart City sectors. She was awarded the prestigious "Joe Award" in the 2016 NEWi Awards for outstanding commitment to and achievement in the digital economy.

Gunilla is a past National Vice-President of *Engineers Australia*, President of the Newcastle Division in 2005 and continues to volunteer on the local CLM committee. She is an Honorary Fellow of Engineers Australia and a Graduate Member of AICD.

CURRENT APPOINTMENTS

Founder, Director & Consultant, Gender Matters Pty Ltd [gendermatters.com.au] 2011

Chair, Eighteen04 Inc. [eighteen04.com.au] 2015

Angel Investor & Board Member, SwitchDin Pty Ltd [switchdin.com.au] 2015

Immediate Past Chair, Australian Science Innovations [asi.edu.au] 2009

Co-Founder & Chair, Advisory Board; BlueZone Group Pty Ltd [bluezonegroup.com.au] 2000

Board Member, Hunter Angels [hunterangels.com.au] 2016

Advisor, National Women in Engineering Committee, EA [engineersaustralia.org.au] 2002

FORMER APPOINTMENTS

Founding Chair, Rights House Incorporated [rightshouse.com.au] (2010 -17)
Deputy Chair, Engineers Media Pty Ltd (2005-14)
National Vice President, Engineers Australia (2008-09)
Member, Faculty Advisory Board, University of Southern Queensland (2003-08)
Member of National Congress, Engineers Australia (2005-07)
Senior Lecturer, University of Newcastle (1996-2006)
President, Newcastle Division, Engineers Australia (2005)
Chair, Australasian Association for Engineering Education (2003-04)
Member of Academic Senate, University of Newcastle (1999 – 2004)
Manager, Diversity in Engineering Project (1996-2003)
Lecturer, Victoria University (1991-1995)
OEM Engineering Sales Manager, BPSolar (1985-1989)

QUALIFICATIONS

Graduate Member of the Australian Institute of Company Directors (GAICD) 2015
Honorary Fellow of Engineers Australia (HonFIEAust.) (Fellow: 2005, HonF: 2016)
Senior Member Institute of Electrical and Electronic Engineering (IEEE) 2015
PhD (Underwater Swarm Sensor Networks) University of Newcastle 2014
Accredited Administrator of Majors Personality Type Indicator & Myers Briggs Trainer (2014)
MPhil (Engineering), University of Newcastle 2002
BE (Elec), University of NSW, 1985

AWARDS

NEWi Awards, “Joe Award” for outstanding commitment to and achievement in the digital economy, 2016
National AaeE (Australasian Association for Engineering Education) Award for Cultural Change in Engineering Education, 2002

PUBLICATIONS

Fourteen journal and conference papers on engineering education & women in engineering, numerous articles and presentations on these topics to industry groups and at technical conferences.

Ten technical papers on renewable energy and underwater telemetry.