

CURRICULUM VITAE - BRONWYN M. GILLANDERS

Position: Professor, School of Earth & Environmental Sciences, & Director, Marine Biology Program, Environment Institute, University of Adelaide

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Academic record & qualifications

Doctor of Philosophy

School of Biological Sciences, University of Sydney, NSW, Australia (1991-1995).

Master of Science in Marine Science (awarded with Distinction)

University of Otago, Dunedin, New Zealand (1986-1988).

Bachelor of Science in Zoology

University of Canterbury, Christchurch, New Zealand (1982-1984).

Recent Prizes and Awards

Faculty of Sciences (University of Adelaide [UoA]) Distinguished Research Award (winner) 2013

Faculty of Sciences (University of Adelaide) Distinguished Research Award (finalist) 2012

SA Government Professional Development Scholarship 2011

Professional appointments (current and previous, since 2000)

2011-present Professor & ARC Future Fellow, School of Earth & Environmental Sciences, UoA

2009-present Director, Marine Biology Program, Environment Institute, UoA

2007-2010 Associate Professor, School of Earth & Environmental Sciences, University of Adelaide

2001-2006 ARC Queen Elizabeth II Research Fellow, School of Earth & Environmental Sciences, UoA

1997-2000 ARC Postdoctoral Fellow, School of Biological Sciences, University of Sydney

Research

Research Funding (total: \$13.4 million)

Research Grants

Current ARC grants ($n=3$): Gillanders ARC Future Fellowship 2010-2014, \$813K; Gillanders, Kelaher, Connell, Figueira, Coleman, Goldsworthy 2012-2014 \$314.5K; Gillanders, Bradshaw, Donnellan, Huveneers 2012-2014 \$380K.

Current FRDC R&D funding ($n=2$): Gillanders, Bradshaw, Fistr, Goldsworthy, Lauer, Middleton, Tanner, Ward 2011-2014 \$240K; Gillanders, Donnellan, Fordham, Prowse, Rowling, Steer 2012-2015 \$368K

Current Other: Gillanders BM et al. Spencer Gulf Research Ecosystem and Development Initiative, Phase 1. Funds from BHP Billiton, Santos, Arrium, Flinders Ports, Centrex, Alinta and DMITRE. \$250,000 (2012-2013); on-going commitments \$1M (2014-2016) with new investors including Nyrstar.

Past ARC grants ($n=10$ since 2001): Gillanders ARC Large 2001-2003 \$199K; Connell, Gillanders, Anderson ARC Discovery 2002-2004 \$184K; Gillanders ARC QEII Fellowship 2001-2005 \$550K; Gillanders, Crook & Sanger ARC Linkage 2003-2006 \$455K; Gillanders & Donnellan ARC Linkage 2004-2006 \$165K; McLaughlin and 14 others including Gillanders. ARC LIEF 2007 \$500K; Gillanders, Maier, Elsdon ARC Linkage 2006-2009 \$228K. Gillanders, Elsdon ARC Linkage 2010-2011 \$64K; Gillanders ARC DP 2011-2013 \$360K, Gillanders et al. ARC LIEF 2012 \$420K

Past FRDC R&D funding ($n=5$ since 2001): Gillanders & Kingsford 1998-2001 \$143K; Fowler & Gillanders 2002-2003 \$118K; Johnston, Ernst, Whittington, Gillanders, Hutson, Chambers 2003-2006 \$137K; Fowler & Gillanders 2007-2008 \$228K; Ward, Gillanders, Stewart, Suthers 2009-2011 \$249K,

Past Other: Morrison et al. including Gillanders Foundation for Research, Science and Technology (FRST), New Zealand project CO1X0907 2009/10-2014/15 \$3.1M. Geddes et al. including Gillanders, CSIRO Flagship Collaborative Research Program Cluster 2006-2008 \$2.1M.

Research Publications

I have a total of 166 publications including 124 in refereed journals, 6 in refereed conference proceedings, 11 book chapters, 2 edited books, and 23 refereed reports. My H-index is currently 31 (Web of Science) or 41 (Google Scholar) (June 2014, PhD awarded 1996), and I have averaged around 382 citations of my work annually for the last 9 years (2005-2013 inclusive) at an overall average of >30 per item (Web of Science). I have 21 papers with over 50 citations including 8 with over 100 citations (Web of Science).

Research Training, Mentoring & Supervision

Undergraduate supervision

Summer Scholarships $n=5$; International Exchange Students: 4 from the Netherlands, 1 from Norway

Honours & Postgraduate supervision

BSc (Honours) (25 completed – 17 Honours I, 8 Honours IIA, 4 current); B Env Sci (Honours) (3 completed – 2 Honours I, 1 Honours IIA) Arch (Honours) (1 completed – Honours I); Master of Science (1 completed)

Doctor of Philosophy

Current: primary supervisor, $n=9$ & co-supervisor, $n=2$; Completed: primary supervisor, $n=11$ & co-supervisor, $n=6$

Postdoctoral Researchers

I have mentored 12 postdoctoral researchers in my laboratory.

Contributions to the Wider Discipline

PhD & MSc Thesis Examinations ($n=13$ within Australia, $n=7$ international)

Refereeing of Papers Submitted to Scientific Journals

I referee between 10 and 15 manuscripts per year.

Refereeing of Grant and Fellowship Applications

Panel member, Ecology, Evolution and Behaviour panel, New Zealand Marsden Grants (Australian equivalent ARC Discovery Projects) (2010-2012).

OzReader & Assessor, Australian Research Council Discovery, Linkage & Early Career projects (2003-present).

Professional Activity including Service to the Community (see also Research)

Editorial Boards of Journals

Marine and Freshwater Research & Canadian Journal of Fisheries and Aquatic Sciences

Guest Editor, World Fisheries Congress Special Issue, Journal of Fish Biology

Guest Editor, Climate Change Symposia, Marine and Freshwater Research

Member of External Boards/Working Groups

Primary Industries Research Providers Network (member) 2014-present; National Committee for Agriculture, Fisheries and Food (Australian Academy of Sciences) (member) 2013-present; Aquaculture Tenure Allocation Board (member) 2005-2011; Scientific Working Group for Marine Protected Areas (member) 2005-present; SA Fisheries Research Advisory Board (member) 2006-2010, Marine Innovations South Australia Advisory Committee (member) 2011-present. SA Government Working group on Giant Australian cuttlefish (member) 2013-present.

Judging Panels

South Australian Science Excellence Awards (member) 2012 & 2013 (includes SA Scientist of the Year)

Membership of Scientific Societies (member since)

Australian Marine Science Association (1992); Australian Society for Fish Biology (2001); Ecological Society of America (2005); Ecological Society of Australia (1993); Estuarine Research Federation (2005).

Positions Held, Scientific Societies

2013-2015 Immediate Past President, Australian Society for Fish Biology

2011-2013 President, Australian Society for Fish Biology

2009-2011 Vice President, Australian Society for Fish Biology

2006-2009 SA Representative, Executive Committee, Australian Society for Fish Biology

2005-2011 Education Committee, Australian Society for Fish Biology