

CURRICULUM VITAE

Kirsty McQuaid

16 Buchanan Road, Claremont, 7708, Cape Town

Tel: 021 799 8826 (Work), 072 589 4649 (Cell), Email: kirstymcquaid@gmail.com

Personal Statement

I have a well established background in marine science and am passionate about research with applied value that has a strong theoretical basis. While my studies have focused mainly on ecology, I am also interested in marine environmental law and natural marine resource management. My personal interests include hiking, cycling, horse riding, baking and travelling.

Education

Year	Institute	Qualification
2012-2013	University of Cape Town	MSc in Applied Marine Science
2011	Rhodes University	BSc Honours in Marine Biology (with distinction)
2008-2010	Rhodes University	BSc in Zoology and Botany
2002-2006	Diocesan School for Girls	Matric (A aggregate)

Training courses

Year	Institute	Course
2014	Friday Harbor Laboratories (USA)	Deep Sea Biodiversity, Connectivity and Ecosystem Function
2013	University of Bremen (Bremen, Germany)	German-African Training and Oceanographic Research Cruise
	South African National Biodiversity Institute	Biodiversity Planning Basics IUCN Red Listing training workshop Biodiversity GIS course
2007	Alliance Française (Versailles, France)	Project Management and MS Access Course Niveau B2

Publications

McQuaid KA & Griffiths CL. 2014. Alien reef-building polychaete drives long-term changes in invertebrate biomass and diversity in a small, urban estuary. *Estuarine, Coastal and Shelf Science* doi: 10.1016/j.ecss.2013.12.016.

Sink KJ, Wilkinson S, Atkinson L, Leslie R, Attwood C & McQuaid K. 2013. Spatial management to support protection of benthic ecosystems in the South African demersal trawl fishery. South African National Biodiversity assessment. Unpublished report.

Cole VJ, McQuaid KA & McQuaid CD. 2012. Examination of small- and large-scale influences on the diet of an omnivorous polychaete indicates weak effects of upwelling. *Journal of Experimental Marine Biology and Ecology* 436-437: 28-35.

Scholarships and Bursaries

2014	United States National Science Foundation Grant
2012	National Research Foundation Grant-holder's Bursary Marine Research Institute (UCT) BASICS Bursary University of Cape Town Merit Scholarship
2011	National Research Foundation Freestanding Honours Grant South African Research Chairs Initiative Bursary (Which I declined)

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2009 Rhodes University Director of Research Award
French Embassy Undergraduate Bursary

Work Experience

Period	Organisation	Position
2014-present	South African National Biodiversity Institute	Invasive Species Project Intern
2014	CapFish	Freelance Consultant
2013-2014	National Research Foundation	SANBI Marine Programme Intern
2012	Harfield Guest Villa	Assistant Manageress
2012	Teachme2	French Tutor
2011	Rhodes University	Practical Demonstrator Indoor Cycling Section Assistant
2007	Private employment	Au Pair
2005-2006	Rhodes University	Laboratory Assistant

Awards and Achievements

2011	Rhodes University Academic Colours
2009-present	Member of Golden Key International Honour Society
2009	Rhodes University Rowing Half Colours and Team Award
2008-2010	The Dean's Merit List, Rhodes University
2006	The President's Award for Youth Empowerment Gold Award
2002-2006	Diocesan School for Girls Academic Honours

Positions of Leadership

2009-2010	Jameson House Academic Mentor
2010	Jameson House Treasurer and Head Student
2009	Jameson House Sports Representative
2008	Rhodes University HIV/AIDS Resistance Campaign Secretary
2005-2008	Outdoor Education Centre instructor, Hogsback

Additional Skills

I have considerable experience in experimental design, data collection and laboratory work, including microscope work and dissections. I have focused particularly on rocky shores, estuaries and invertebrates. I have excellent communication skills, with experience in scientific writing, popular articles, publications and seminar presentations. I am proficient in Microsoft Office, and have experience using STATISTICA, Primer, ArcView/ArcGIS, Ocean Data View and MS Access. I am fluent in English and French with moderate Afrikaans.

Referees

Dr Kerry Sink

Manager of the Marine Programme, South African National Biodiversity Institute, Cape Town
Contact details: 021 799 8855 (Tel), k.sink@sanbi.org.za (Email)

Emeritus Professor Charles Griffiths

Former Director of the Marine Biology Research Centre, University of Cape Town, Cape Town
Contact details: 021 650 3610 (Tel), charles.griffiths@uct.ac.za (Email)

Professor William Froneman

Head of the Zoology Department, Rhodes University, Grahamstown
Contact details: 046 603 8533 (Tel), 046 622 8959 (Fax), w.froneman@ru.ac.za (Email)