

CURRICULUM VITAE

BRUCE PETRUS MOSTERT

NATIONALITY: *BRITISH, ZIMBABWEAN*

ADDRESS: *8 STEENBERG HOUSE, SILVERWOOD CLOSE, TOKAI, 7945,
CAPE TOWN, SOUTH AFRICA*

CONTACT: *+2721 7013421*

EMAIL: *bruce@anchorenvironmental.co.za*

LANGUAGE: *ENGLISH*

Education

(currently completing)	Rhodes University	PhD Marine Biology – <i>The role of macrophysiology and settlement in the persistence of populations spanning degrees of latitude: Assessing the impact of climate change on mangal macrofauna</i>
2010	Rhodes University	MSc Marine Biology – <i>Effects of upwelling and biogeography on the community structure of epifauna associated with macroalgae</i>
2007	Rhodes University	BSc Hons Marine Biology – <i>Influence of small and large scale water movement on biodiversity associated with <i>Perna perna</i> mussel beds</i>
2006	Rhodes University	BSc – Majors Botany & Zoology
2003	St John's College, Zimbabwe	Cambridge A-Levels: 3 passes IGCSE O-Levels: 8 passes ZGCSE O-Levels: 1 pass

Additional Qualifications

SAMSA	SAMSA skippers competency certificate for a category R vessel
PADI	Open Water Diver

Work Experience

2007 - 2014	Rhodes University	<p>Demonstrator – Cell Biology, Zoology practical classes</p> <p>Field Assistant – estuarine, rocky shore, mussel recruitment, genetic mapping research study, offshore research</p>
2004 - 2008	Profile Machinery, Zimbabwe	Holiday work – delivery of goods and general driver
2007	Rhodes University	Research Assistant – Marion Island Research Cruise
2006	Rhodes University	Demonstrator – Botany practical classes

Skills Profile

Computer Skills	Fully competent in using <i>Microsoft Word, Excel</i> and <i>Powerpoint</i> packages. Experience in using <i>STATISTCA, PRIMER</i> and <i>PERMANOVA</i> , GMAV5 statistical packages. Experience in using Net Logo, an individual based computer model.
Field Work	Field work often coincided with spring tides and required advanced planning to reach the required sites and conduct research within the time limits, trips were often extensive lasting several days covering large distances. Long term field trips were also conducted in Kenya and South Africa (Transkei) lasting up to 3 months and required extensive planning, time management and problem solving given the

	<p>remote localities.</p> <p>I have further been exposed to a variety of field work from estuarine studies, offshore work to all aspects of rocky shore research in an assistant capacity and have picked up valuable skills throughout.</p>
People Skills	<p>During my PhD I have dealt with a wide variety of cultures and societies due to international collaborations, I lived in Italy for 2 months and Germany for a further 2 months and further hosted Italian colleagues in South Africa. I spent a further 4 months in Kenya and the Transkei Region of South Africa living in the rural areas and had to integrate into society there while conducting research.</p>
Team work	<p>The nature of the research required large amounts of teamwork, involving between 4 -8 people, I often fulfilled a leadership role directing field assistants while collaborating with other PhD students conducting their own lines of research.</p>
Writing Skills	<p>I have been involved in the writing of scientific papers both as 1st author and as a co-author. I have also written progress reports for the CREC foundation that funded my research. I have been involved in applying for permits for research in Kenya detailing experimental procedures used in the course of my PhD studies.</p>
Presentation Skills	<p>I am very experienced oral presentation, and have presented at several international conferences, I have further presented several poster presentations at international conferences.</p>
Research	<p>I am interested ecological interactions in intertidal habitats. I have extensively worked on ecological interactions on rocky shore and biodiversity associated with intertidal ecological engineers and to a lesser extent I have worked in intertidal estuarine ecology and ship based marine science. I am well versed in thermal physiology of invertebrates and the implication on ecological interactions with a link to climate change forecasting over both small and large scales.</p>

Extra-Mural Activities

Dedicated Squash player
Trail-running
Outdoor activities

Referees

Prof. Christopher McQuaid	Coastal Research Group Rhodes University	c.mcquaid@ru.ac.za +27 46 603 8535
Prof. William Froneman	Southern Oceans Group Rhodes University	w.froneman@ru.ac.za +27 46 603 8533
Dr. Francesca Porri	South African Institute for Aquatic Biodiversity (SAIAB)	f.porri@saiab.ac.za +27 82 478 5352