



Beaufort Undergraduate Internship Programme 2011

PROJECT NO. 1

Supervisor: Prof. Fiona Regan

Project Title: The development of novel antifouling materials for combatting biofouling on marine platforms

Duration of Project **From:** 11 June 2012 **To:** 14 September 2011

Project Description:

Biofouling causes a severe loss of efficiency and performance of underwater instrumentation when immersed into the marine environment at different times of the season and for extended periods of time. This phenomenon results in poor data quality or the need for frequent, laborious maintenance. In this project we propose the development and characterisation of novel materials for the prevention of fouling on marine based sensing systems.