

PhD project - Connectivity of mulloway between estuaries and trawling grounds

We are seeking a PhD student for a collaborative project between the University of Adelaide and NSW Department of Primary Industries – Fisheries. The student would use ear bone (otolith) chemistry to investigate links between, estuaries, inshore trawl closures and non-closure areas, and ocean trawl grounds. The key species to be investigated is Mulloway, but there is also potential to include other species, namely Bluespotted Flathead and Yellowfin Bream, and scope for the student to develop some of their own ideas. The research would contribute to and be supported by a Fisheries Research and Development Corporation project, as well as other funding sources. The student would be expected to obtain an Australian Postgraduate Award (APA) or a Divisional scholarship through the University of Adelaide. The student would be based in Adelaide, but would be able to participate in field work in NSW and will be offered optional temporary placements at NSW DPI Port Stephens Fisheries Institute during the summer-autumn survey periods. The student would need to commence in early 2017.

Eligibility: applicants should preferably have a first class Honours degree (minimum Honours 2A or equivalent) in a science discipline. Applicants must be citizens or permanent residents of Australia, or citizens of New Zealand. In 2016, the base stipend for a full-time APA and divisional scholarship holder is \$26,288 tax free per annum. Further information on scholarships:

<http://www.adelaide.edu.au/graduatecentre/scholarships/research/major-round/>

The project would be supervised by Professor Bronwyn Gillanders (University of Adelaide) and Dr Matt Taylor (NSW Department of Primary Industries). For further information on the project or applying for a scholarship please contact:

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