Research Project for PhD Student

**Project Title:**
PhD to advance aquaculture in Australasia

**Project Supervisor:** (name only)
Dr Jenny-Ann Toribio

**Project Champions:** (name and email address)
Prof Richard Whittington    richardw@camden.usyd.edu.au
Dr Richard Callinan   richardcallinan@bordernet.com.au

**Host unit:** (e.g., research institute, school/discipline hosting the project)
Farm Animal and Veterinary Public Health
Faculty of Veterinary Science
University of Sydney

**Host Unit's URL:**

**One Sentence Project Summary:** (single sentence for Google-style search results)
A PhD to support improved profitability of smallholder shrimp farms in Indonesia.

**Project Synopsis:** (about 250 words max)

Aquaculture industries in Australia and the Asia-Pacific region are expanding steadily to meet growing global demands for high quality seafood and other products. For smallholder farmers to participate in and benefit from this expansion, they often need assistance in addressing farm-level health management, food safety, environmental and social responsibility issues.

The University of Sydney is hosting a project funded by the Australian Centre for International Agricultural Research (ACIAR) that seeks to improve the productivity and profitability of smallholder shrimp (prawn) farms in Indonesia. Over 3 years this project will assist smallholder farmers in Central Java and South Sulawesi to implement ‘better management practices’ (BMPs) on their farms.

A PhD scholarship valued at $25,000 per annum (tax exempt) is available for an Australian citizen or permanent resident enrolled full-time for 3 years to participate in this project. The PhD program will support evaluation of the technical and/or extension aspects of BMP implementation by the smallholder shrimp farmers. It will involve several fully funded trips, each for approximately one month, to project sites in Indonesia. For this scholarship we seek a graduate in biological sciences, veterinary science, agricultural science or agricultural economics with an interest in a career supporting the aquaculture industries in Australia and the wider region.

**Keywords for Research Area and Clinical Condition** (these are needed so that people may search by key word):
Aquaculture, shrimp, prawn, smallholder, Indonesia

**Other Information:** (Optional) (e.g., techniques used in the project - e.g., electron microscopy, current PhD topics; scholarships/funding available; possible research areas for PhDs topics; etc.)

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