



Research Assistant and PostDoctoral Associate positions in Aquaculture Microbiology

We are looking for **two highly-motivated and experienced researchers** to work on a two-year project studying microbial processes and pathogens in aquaculture systems. The project involves a collaboration between an overseas aquaculture company, an Australian-based technology provider and the Centre for Marine Bio-Innovation (CMB) at the University of New South Wales, Sydney. The positions will be based at the Randwick campus of UNSW with some occasional domestic and overseas travel.

Selection Criteria for Research Assistant position:

1. Tertiary education in microbiology, aquaculture or related fields
2. Experience in standard microbiological techniques, such as culturing and microscopy
3. Experience in standard molecular techniques, such as DNA extraction, PCR, qPCR and sequencing
4. Experience in laboratory management, including H&S
5. Strong oral and written communication skills

Selection Criteria for PostDoctoral Associate position:

1. PhD in microbiology or related fields
2. Experience in experimental design and statistical analysis
3. Hands-on experience in qPCR and DNA sequencing
4. Expertise in sequence data analysis and bioinformatics
5. Experience in developing molecular detection techniques and assays
6. Excellent oral and written communication skills, as for example demonstrated by publications
7. Desirable: knowledge in host-associated microbiomes and/or aquaculture

Successful applicants will **join an interdisciplinary and collaborative research environment** at the CMB (www.cmb.unsw.edu.au), which consists of ~35 research staff and students. In addition, the researchers will develop close working relationships with the aquaculture industry to provide microbiology-based knowledge and products.

Applicants should send the following documents (as single pdf file) to the email cmb@unsw.edu.au:

- cover letter addressing each of the selection criteria above
- curriculum vitae, including the names of two referees

Please state clearly which position you wish to apply for. **Applications close on the 15th of May 2017** and a start date in July 2017 is desired.

Any question regarding the positions please address to:

Professor Torsten Thomas
Director, Centre for Marine Bio-Innovation
The University of New South Wales, Sydney, NSW 2052, Australia
Ph + 61 (0) 2 938 53467, Mob +61 (0) 410159525, Fax + 61 (0) 2 938 51779
Email: t.thomas@unsw.edu.au