

Postgraduate supervision and visiting scholars (updated on Jan 9, 2015)

POSTDOCTORAL FELLOW AND POSTGRADUATE STUDENT SUPERVISION

Postdoctoral Fellow

- 1) Dr Bennan Chen: Larval fish biology (2008-2011)
- 2) Dr Bob Moore: Algal molecular biology (2008-2009)
- 3) Dr Yan Li: Algal biology (2008-2009)
- 4) Dr Maximiliano Martin Canepa (2010-2011): University of Buenos Aires, Argentina, Growth factor expression yellowtail kingfish (*Seriola lalandi*)
- 5) Dr Liang Song: Algal biology (2011-2012)

PhD students completed as the principal supervisor (11)

- 1) Bennan Chen (2006): Structural and functional development of the digestive system in yellowtail kingfish *Seriola lalandi* larvae
- 2) Yan Li (2008): Spawning mediated responses of Pacific oyster *Crassostrea gigas* to environmental stress: toward an explanation of oyster summer mortality
- 3) Michael Sierp (2009): Viability for the control of water quality by biomanipulation using Murray cod *Maccullochella peelii peelii* in temperate Australia
- 4) Inayah Yasir (2009): Embryonic development of false clownfish *Amphiprion ocellaris* and the effect of light, background colour and carotenoids on the fish colouration
- 5) Nita Ismail (2010): Ecology and life history of a brackish cladoceran, *Daphniopsis australis* (Crustacea: Cladocera).
- 6) Liang Song (2011): Hydrocarbon production from microalgae
- 7) Lindsey Woolly (2012.9): Swim bladder development in fish larvae
- 8) Jenna Bowyer (2012.9): Fish nutrition
- 9) Zhenhua Ma (2013.4): Larval fish biology and nutrition
- 10) Craig Meakin (2014.9): Larval fish biology
- 11) Flavio Ribeiro (2015.1): Fish cannibalism and its control in aquaculture

PhD students currently supervised as the principal supervisor (10)

- 1) Yousef Alkhamis (2010.7-): Algal growth under auto-, mixo, and heterotrophic conditions
- 2) Matthew Bansemer (2012.2-): Macroalgal addition in abalone nutrition
- 3) Dinh Minh Quang (2012. 2-): Biology of goby *Parapocryptes serperaster* in Mekong River
- 4) Nadiyah Wan Rasdi (2012. 5-): Copepod biology and nutritional requirement
- 5) Thanh Hai Hoang (2012. 8-): Impact of macroalgae diet on abalone colouration
- 6) Mahbubul Hassan (2013. 2-): Life history of flat oyster *Ostrea angasi*
- 7) Afzal Hossain (2013.2-): Ecology and physiology of forage fish species in saline water
- 8) Maziidah Rahman (2013. 3). Mussel and cockle feeding biology
- 9) Shirin Akter (2015. 1): Oyster aquaculture
- 10) Shaun Henderson (2015. 1): Oyster feeding biology

Honours students supervised (22)

- 1) Shaun Henderson (2014.2-2014.11). Heavy metal and oyster immune responses
- 2) Scott Forsthe (2013.2-2013.11): Water colour manipulation and fish cannibalism control.
- 3) Deevesh Hemraj (2012.7): Brackish zooplankton (Co-supervise with Sophie Leterme)

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- 4) Alice Barchi (2012): Crayfish nutrition
- 5) Philippa Dean: (2010): Freshwater crayfish nutrition
- 6) Kopano Mosa Machailo (2010): yellowtail kingfish growth response, flesh quality and PUFA content through microalgae formulated aqua-feeds (cosupervised with Wei Zhang)
- 7) Ching-Yao Yang (2010): Heat shock protein in wild and farmed oysters
- 8) Michelle Wilson (2010): Distribution and ecology of wild Pacific oysters
- 9) Geoffrey Collins (2010): Growth factor gene expression in yellowtail kingfish
- 10) Daniel Gruszecki (2009): Towards a bioreactor for the mass cultivation of *Chlorella vulgaris* species (2009, co-supervised with Stephen Clarke).
- 11) Matthew Osborne (2009) Zooplankton ecology and larval fish rearing
- 12) Ben Hill-Ling (2007) Wild oyster distribution in Coffin Bay
- 13) Stewart Alexander (2006) Feeding ecology of barramundi
- 14) Craig Meakin (2005) Zooplankton: their role in the diet of freshwater crayfish (awarded University Medal)
- 15) Robert Skilbeck (2005) *Botryococcus braunii* an alternative fuel
- 16) Pasquale Tripodi (2003) Phosphorus transport by zooplankton migration
- 17) Trent D'Angignana (2001) Prospecting marine microalgae for antimicrobial compounds
- 18) Nick Pontikinas (2001) Development of live zooplankton in outdoor tanks
- 19) Paul Van Ruth (2001) Size dependent competition of marine diatoms for nutrients
- 20) Rata Luckens (2000) Effect of rainbow fish (*Melanotaenia fluviatilis*) on zooplankton and phytoplankton community in experimental tanks
- 21) Troy Hillier (1999) Live food and feeding ecology of larval snapper (*Pagrus auratus*)
- 22) Michael Sierp (1998) Plankton and nutrient dynamics in fertilised hardwater crayfish ponds

International Visiting Scientists Hosted (16)

- 1) A/Prof Shun Zhou (2013): Qingdao Agricultural University
- 2) Prof Yan Wang (2013): Zhejiang University, China: Aquaculture system
- 3) A/Prof Jianhe Xu (2011-2012): Huaihai Institute of Technology, China: Crayfish nutrition
- 4) A/Prof Shengqi Su (2009-2010): West South University, China: aquatic biology and aquaculture
- 5) Mr. Wael Eltohamy (2009-2001): Mansoura University, Egypt. Zooplankton ecology
- 6) Dr. Jennifer Champenois (2008): the ENITA of Bordeaux, France. Algal biology
- 7) Dr. Li Zhou (2008): China Ocean University, Qingdao. Fish nutrition and health management
- 8) Dr. Norsil Daim (2006): University of Technology MARA (UiTM) Perlis Branch, Malaysia. Development of course curriculum in Deep Sea Fisheries.
- 9) Dr. Yonghong Xie (2006): Chinese Academy of Sciences, Changchun. Research area: Nutrient removal from aquaculture effluent by aquatic plants.
- 10) A/ Prof. Xuequn Tan (2002-03): Donggang Fisheries Institute, China. Research area: Karyological analyses on redclaw crayfish
- 11) Dr. Liqiao Chen (2002): East China Normal University, Shanghai, China. Research area: Crustacean biology.
- 12) Dr. Xiangli Tian (2001-02): Chian Ocean University, Qingdao. Fish nutrition
- 13) Dr. Shuanglin Dong (2000): Chian Ocean University, Qingdao. Fish nutrition
- 14) Dr. Francesca Ottolenghi (2000-01): University of Rome, Italy. Aquatic ecology
- 15) Dr. Lorenzo Mittiga (2000-01): University of Rome, Italy. Aquatic ecology.
- 16) Dr. P. Peries (1999): Ecole Nationale Supérieure Agronomique (ENSAR), France