

# Summary of Linkage Projects Proposals for Funding to Commence in 2008

## Queensland

### James Cook University

**LP0882335** Prof NR Anderson; Prof CJ Lankshear; Ms S Bernhardt

**Approved Project Title** **Girls and Information Communication Technology (ICT) Career Pathways: Tackling the Upper Middle School 'Turn Off'**

**2008 :** \$ 30,000

**2009 :** \$ 30,000

**2010 :** \$ 30,000

**Primary RFCD** 3301 EDUCATION STUDIES

#### Collaborating/Partner Organisation(s)

ThoughtWare Australia P/L  
Technology One Corporation

**Administering Organisation** James Cook University

#### Project Summary

This project aims to develop strategic responses to factors associated with girls forming such negative perceptions of Information Communication Technology during their upper middle school years that they overwhelmingly reject Information Communication Technology as an option for advanced study and future careers. This project will contribute towards Australia's National Research Priority 3 of building and transforming frontier technologies to maximize creative, technological capability by collaboratively developing a strategic model for responding to factors identified as 'turning girls off Information Communication Technology'.

**LP0882235** Dr DR Jerry; Dr JJ Taylor

**Approved Project Title** **Linking genes with the phenotype - creation of a genetic linkage map for the silver-lipped pearl oyster *Pinctada maxima*.**

**2008 :** \$ 130,000

**2009 :** \$ 130,000

**2010 :** \$ 130,000

**Primary RFCD** 3007 FISHERIES SCIENCES

#### Collaborating/Partner Organisation(s)

Atlas South Sea Pearl

**Administering Organisation** James Cook University

#### Project Summary

R&D undertaken in this project will increase our fundamental understanding of the role genetics plays in production of a premium quality cultured South Sea pearl. When utilised in future selective breeding programs aimed at improving pearl quality traits the information generated will allow Australian pearling companies to be more productive and to maintain a competitive advantage over their rivals. Many rural communities are dependent on pearling companies for their economic prosperity and community identity. Consequently, positive growth of the pearl industry as a result of the proposed R&D will greatly benefit the economic and social wealth of these rural populations.

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**LP0882628** Prof CN Johnson; Dr BC Congdon; Dr JR Butler

**Approved Project Title** **Ecology, impacts and management of wild dogs in urbanising coastal landscapes of the wet tropics, Queensland**

**2008 :** \$ 95,425

**2009 :** \$ 84,094

**2010 :** \$ 85,048

**Primary RFCD** 2707 ECOLOGY AND EVOLUTION

APA(I) Award(s): 2

**Collaborating/Partner Organisation(s)**

Far North Queensland Natural Resource Management

Cairns City Council

Council of the Shire of Cardwell

Skyrail Rainforest Foundation

**Administering Organisation** James Cook University

**Project Summary**

All management agencies and local governments in north Queensland identify wild dogs as a significant threat and a complex problem for management, and are in the process of developing wild dog management plans. However, these plans tend to be reactive and short-term, because too little is known to develop effective long-term management strategies. This project will provide a sound basis for the development of such strategies. The results of the study will also inform wild dog management in many other parts of Australia that face similar problems.