

Summary of Linkage Infrastructure Applications for Funding to Commence in 2006

New South Wales

Macquarie University

LE0668421 Prof S Crain; Prof M Coltheart; Prof PT Michie; Prof DP Crewther; Dr K Pammer; Dr BW Johnson; A/Prof JB Mattingley

Approved **A MEG-based cognitive neuroscience laboratory.**

Project Title

2006 : \$650,000

Primary RFCD 3801 PSYCHOLOGY

Partner Organisation(s)

Macquarie University

The University of Newcastle

Swinburne University of Technology

The Australian National University

The University of Melbourne

University of Auckland

Administering Institution Macquarie University

Project Summary

At present there is no MEG system in Australia, whereas MEG systems are currently springing up in research institutions in many other countries across the globe. This project will enable Australia to remain at the forefront of research in the cognitive neurosciences, as well as provide training opportunities to Australian doctoral students and postdoctoral fellows in the use of MEG in research. Finally, the MEG laboratory will allow Australian researchers to fill important gaps in our understanding of several areas of cognitive neuroscience, including basic auditory and visual processing, the study of cognitive processing in schizophrenia and in children with dyslexia and/or specific language impairment.