

PhD and Masters Scholarship – Sleep disorder phenotyping

Funding body:

Cooperative Research Centre (CRC) for Alertness, Safety and Productivity

Title:

Master of Philosophy or PhD in Sleep disorder phenotyping

Research Area:

health; sleep; sleep disorder; health science

Type:

Postgraduate research

Description:

The University of Sydney and the Woolcock Institute of Medical Research has PhD or Master's positions available to support the Cooperative Research Centre (CRC) for Alertness, Safety and Productivity. The CRC aims broadly to improve alertness and productivity for all Australians. These PhD positions will specifically provide support for the Sleep Disorders Phenotyping Platform, which will examine ways of improving diagnosis and treatment for insomnia and obstructive sleep apnea (OSA).

This project will develop, test and refine simple, clinically deployable sleep disorder phenotyping toolkits, firstly to establish individual patient trait vulnerability to sleepiness/alertness failure, and secondly to establish deeper disorder specific phenotyping methods for identifying underlying causal mechanisms of insomnia and OSA. The aims of the Sleep Disorder Phenotyping project are:

- to develop, test and validate new measures and tools, suitable for deployment and use in routine clinical practice, for phenotyping insomnia and OSA, including their sensitivity to daytime alertness, safety and productivity.
- to develop and test the efficacy of new therapy interventions tailored to individual insomnia and OSA patients based on their phenotype.

Eligibility:

- Applicants need to meet the University of Sydney's PhD entry requirements. Applicants will need to be enrolled full-time and hold an Honours degree (First Class) or a Master's degree in a related field with a substantial research component (or equivalent). More information about eligibility for PhD can be found here: <http://sydney.edu.au/study/admissions/apply/entry-requirements/postgraduate-research.html>

- Australian citizens or permanent residents, New Zealand citizens or international applicants are welcome to apply. However, tuition fees may apply for international applicants.
- Research experience in sleep medicine, nursing, psychology or biomedical science backgrounds will be an advantage.

Application guide:

Applications for the positions can be made upon enrolment in a higher degree at the University of Sydney.

Further information can be obtained from Dr Christopher Gordon, Sydney Nursing School, University of Sydney and Woolcock Institute of Medical Research
Email: christopher.gordon@sydney.edu.au, Phone: +61 2 9351 0586.

Applications should be sent direct to Mrs Meg Gestos E: meghan.gestos@sydney.edu.au, Phone: +61 2 9114 4026. This should include a curriculum vitae, a copy of academic transcripts and the names and contact details of two referees.

Scholarship value:

- A stipend of \$25,392 per annum tax exempt and may be renewed for up to three years subject to satisfactory progress.
- Travel grants may be available for relevant conference attendance.

Location

- Applicants will be located at the Woolcock Institute of Medical Research
<http://woolcock.org.au/>