

## **New PhD scholarship available in Melanoma Research**

The University of Newcastle invites applications for a 3-year, full-time PhD scholarship funded by the Hunter Melanoma Foundation. The successful applicant will be supervised by Dr Nikola Bowden, who is a Research Fellow with the Hunter Medical Research Institute Information Based Medicine and Cancer Research Programs.

We are seeking a high-calibre postgraduate candidate to carry out research under Dr Bowden's supervision in the area of melanoma research.

Dr Bowden's research investigates the role of DNA repair in melanoma development after excessive sun exposure and in melanoma drug resistance. The goal of our research is to achieve better diagnosis and treatment of melanoma.

### **Scholarship**

The successful applicant will be supported by a scholarship for three years of \$25,000 per year, with the option to extend by 6 months.

### **Expressions of interest**

We are seeking applications from individuals who are interested in undertaking this research who have, or are shortly expected to have:

- Completed undergraduate degree in Biomedical Science or equivalent with first class honours, or be able to demonstrate equivalent research qualifications.
- Experience with molecular biology techniques, eg: cell culture, PCR, Western blots
- Experience with genomic applications and analysis is desirable but not essential. eg: gene expression microarrays, next-generation sequencing.
- High level interpersonal skills. The successful applicant will be expected to represent our research team at Hunter Melanoma Foundation events and meetings to update the Foundation of the outcomes of the research.

Applications will be accepted from both domestic and international students.

Further information on the project may be obtained by contacting the supervisor, Dr Nikola Bowden [nikola.bowden@newcastle.edu.au](mailto:nikola.bowden@newcastle.edu.au) or +61 (0)2 49855893

Application forms and conditions are available from the Office of Graduate Studies, telephone +61 2 4921 6537 or email [Researchscholarships@newcastle.edu.au](mailto:Researchscholarships@newcastle.edu.au) or downloaded from our website <http://www.newcastle.edu.au/students/research-higher-degree/future-students/>

**Applications close:** Applicants are encouraged to apply now, applications will not be accepted after 31 October 2011

### **Hunter Medical Research Institute Information Based Medicine and Cancer Programs**

HMRI is committed to improving the wellbeing of humanity through health and medical research. Scientists, researchers, clinicians, policy makers, civic and business communities are working together to enhance our research capacity, bringing health outcomes to the community faster.

The HMRI Information Based Medicine Program draws together researchers and research students from the University of Newcastle, Hunter New England Health and Calvary Mater Newcastle, who are affiliated with the University's Priority Research Centre in Bioinformatics, Biomarker Discovery and Information-Based Medicine. The Information Based Medicine Program collaborates closely with the HMRI Cancer Research Program which brings together biomedical, clinical and public health researchers focused on four key malignancies, one of which is melanoma.

From mid-2012, The HMRI Information Based Medicine Program will be housed within the \$90 million HMRI Building. The HMRI building will bring together more than 450 medical researchers from the University of Newcastle and Hunter New England Health to improve the health of the Hunter community. The 16,000 square metre facility will allow co-location of biomedical and clinical researchers to even better facilitate the effective translation of research into improved health outcomes.