



Australian  
National  
University



## ELIZABETH GREENE PhD SCHOLARSHIP

- > **Receive scholarship funding for 3.5 years with a fee waiver for international students**
- > **Work on an exciting precision medicine research project with internationally renowned experts led by Professor Carola Vinuesa and Professor Matthew Cook**
- > **Enjoy state-of-the-art facilities**
- > **Meet and collaborate with international academics and attend conferences**
- > **Gain practical, academic and professional training at a world-class research-intensive university**

The Centre for Personalised Immunology (CPI) is looking to provide a scholarship to PhD students with strong talent and motivation to do first class translational research.

The successful applicant will learn how to analyse whole genome sequence data from patients with systemic autoimmune diseases (lupus being the prototype); identify putative disease-causing mutations; prove causation using DNA-editing technologies and various molecular biology and cellular immunology assays; and place the mutated proteins into accurate signaling pathways. The goal is to make diagnoses more accurate, and treatment more effective.

The CPI is funded as a National Health and Medical Research Council Centre for Research Excellence. It provides an energetic, collaborative and inter-disciplinary academic structure, with regular interactions with clinicians and bioinformaticians. Research students will have access to state-of-the-art technologies and equipment.

Students will be based in Canberra, Australia at The John Curtin School of Medical Research and will spend time on site at one of the CPI team member's hospital locations including Children's Hospital at Westmead

(Sydney), Monash Medical Centre (Melbourne) or The Canberra Hospital.

### You will have:

Bachelor of Science with first class honours or international equivalent in biology, biomedicine, or related science

- > Practical experience in the lab working on a scientific project
- > Bachelor of Medicine / Bachelor of Surgery (MBBS) who must have research experience
- > Excellent English language skills

\*A merit-based supplementary scholarship may be available to applicants with a medical qualification.

### Expression of interest documents required:

- > Curriculum vitae
- > Summary of previous research
- > Copy of academic transcripts

### Contact

E [cpi.admin@anu.edu.au](mailto:cpi.admin@anu.edu.au)  
W [cpi.org.au](http://cpi.org.au)  
W [jcsmr.anu.edu.au/research/facilities/centre-personalised-immunology](http://jcsmr.anu.edu.au/research/facilities/centre-personalised-immunology)

ANU College of  
Medicine, Biology &  
Environment

