



# Postdoctoral Research Fellowships

## An exciting opportunity to do cyber security research with impact

Postdoctoral Research Fellowships with salary up to \$113,138 p.a. (Academic Level B, step 5) are available from the Cyber Security Cooperative Research Centre (CSCRC) for outstanding PhD graduates to undertake research into cyber security.

Successful applicants will be based at, and supervised by research staff from, one of the seven CSCRC Research Participants: Charles Sturt University, CSIRO/DATA61, Deakin University, Edith Cowan University, Queensland University of Technology, The University of Adelaide and the University of New South Wales.

The CSCRC is a public, not-for-profit company focused on delivering research with impact, and you will work directly with our industry and government partners to solve real-world cyber security problems.

The CSCRC aims to inspire the next generation of cyber security professionals through working with some of the best cyber security researchers in Australia, and engagement with the CSCRC Industry & Government Participants.

Further details of the CSCRC Government & Industry Participants may be found at:

<https://www.cybersecuritycrc.org.au>

You are invited to apply for CSCRC Fellowships to carry out research in partnership with CSCRC Industry & Government Participants in Projects that concern:

- **Resilient Systems**
- **IoT Systems – Security and Configuration**
- **Next Generation Authentication Technologies**
- **Emerging Threats – Network Forensics and Response**
- **Platform and Architecture for Cyber Security as a Service**
- **Security Automation and Orchestration**
- **Privacy Preserving Data Sharing in a Hyper-connected World**
- **Real-Time Monitoring of Cyber Security Threats**

### **CSCRC FELLOWSHIP CATEGORIES**

The CSCRC Fellowships are available from the CSCRC for one to two years (in the first instance) with a possible extension of one to two years based on a performance review.

You may apply for Fellowships at any time since opportunities will arise on a continuing basis as CSCRC Projects are developed, approved and funded.

Depending on the nature of the CSCRC Project, some Fellowships may be restricted to Australian, New Zealand residents, or Permanent Residents of Australia.

### **SELECTION CRITERIA**

- A PhD (or soon to be awarded) in a relevant discipline area, such as computer science, electrical engineering, information technology or communication engineering.
- Proven ability to conduct high quality research, development and implementation of critical infrastructure security such as network and systems security, knowledge of access control mechanisms, machine learning applied to security, etc.
- Demonstrated track record of publications in top tier security conferences and journals.
- Demonstrated ability to conduct independent research with limited supervision.
- Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.
- Strong interpersonal skills with demonstrated ability to communicate and interact with a diverse range of CSCRC stakeholders and students.

### **APPLICATION PROCEDURE**

Potential applications are welcome to first discuss their proposed research with CSCRC researchers in advance. Initial points of contact for the CSCRC Research Participants are:

- Charles Sturt University:  
[tanveer.zia@cybersecuritycrc.org.au](mailto:tanveer.zia@cybersecuritycrc.org.au)
- CSIRO/DATA61:  
[surya.nepal@cybersecuritycrc.org.au](mailto:surya.nepal@cybersecuritycrc.org.au)
- Deakin University  
[matthew.warren@cybersecuritycrc.org.au](mailto:matthew.warren@cybersecuritycrc.org.au)
- Edith Cowan University:  
[mike.johnstone@cybersecuritycrc.org.au](mailto:mike.johnstone@cybersecuritycrc.org.au) or  
[p.haskelldowland@cybersecuritycrc.org.au](mailto:p.haskelldowland@cybersecuritycrc.org.au)
- Queensland University of Technology  
[c.fidge@cybersecuritycrc.org.au](mailto:c.fidge@cybersecuritycrc.org.au)
- The University of Adelaide:  
[ali.babar@cybersecuritycrc.org.au](mailto:ali.babar@cybersecuritycrc.org.au)
- University of New South Wales:  
[sanjay.jha@cybersecuritycrc.org.au](mailto:sanjay.jha@cybersecuritycrc.org.au)

Submit your Fellowship Expression of Interest (EOI) to one of the above contacts for the CSCRC Research Providers as well as to:

[fellowships@cybersecuritycrc.org.au](mailto:fellowships@cybersecuritycrc.org.au)

For details about how to apply for research degrees at any one of the CSCRC Research Providers, first contact the relevant University.

### **CLOSING DATE:**

- CSCRC Fellowship applications will be considered anytime throughout the year.