



UNSW
SYDNEY



Cyber Research, Education and Training

Focused on conducting research and actively contributing to the national defence strategy by educating and training front-line cyber defenders, as well as raising cyber awareness within government departments and corporations, to combat an increasing and persistent threat to global security.

Competitive advantage

- Design and development of user-centred and value-sensitive security and defence technologies
- Proactive and adversarial approaches to protecting computer systems, networks and individuals from attacks
- Experience in the evaluation and design of secure and resilient data acquisition and control systems for critical infrastructure
- Expertise in developing security and resilience for complex networks and systems
- Analysis of international and national security policy, strategy and diplomacy in response to the cyber age
- Developing novel artificial intelligence techniques for automatically discovering and preventing advanced cyber-attacks

Impact

- Enabling the next generation of defence leaders and influencing thinking in the cyber domain

Successful applications

- Enhanced defence capability in cyber security through the delivery of postgraduate and tailored courses delivered by leading industry professionals in collaboration with academic staff. Courses include: strategy, policy and management through to operational, tradecraft and digital forensics
- More research focus in successful applications

Capabilities and facilities

- Five cyber laboratories including virtualised solutions, peripheral software packages, and specialised hardware
- Supervisory Control and Data Acquisition (SCADA) table
- Digital forensics laboratory
- Our key partners
 - Australian Army
 - Information Warfare Division
 - Strategic Policy and Intelligence Group
 - Capability Acquisition and Sustainment Group

More Information

Dianne Ferguson

Centre Manager, UNSW Canberra
Cyber

T: +61 (0) 2 6268 8350

E: d.ferguson@unsw.edu.au

UNSW Knowledge Exchange

knowledge.exchange@unsw.edu.au

www.capabilities.unsw.edu.au

+61(2) 9385 5008