



# SITACS Summer Research SCHOLARSHIPS

## 2006—2007

### UNDERGRADUATES & HONOURS STUDENTS

#### Thinking of Honours or Postgraduate Research?

The aim of this scheme is to provide students with an opportunity to engage in and gain experience in research in an area of interest and to evaluate for themselves, and demonstrate to others, their potential for research work. In addition, the scheme provides students with exposure to the research excellence of the School of IT & CS at the University of Wollongong.

#### **FURTHER INFORMATION**

Come along to our Research Showcase being held on 21 September 2006 from 5:30pm—7:30pm in Bldg 39.150A

#### **GENERAL ENQUIRIES**

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#### **APPLICATION CLOSING DATE:**

18 October 2006

[Click here for an application form and a list of the criteria](#)

Short research projects are available in:

- **e-Business Applications**
- **Customer relationship management**
- **e-commerce**
- **Information management**
- **Supply chain management**
- **Computer and Communication Security**
- **Cryptography Theory and Combination Design**
- **Information Theory and Coding**
- **Multimedia Content protection and Management (encryption, watermarking, authentication, content-based retrieval, annotation and browsing)**
- **Multimedia signal processing**
- **Image and video processing**
- **Digital camera image processing (de-mosaicing, AWB, colour correction)**
- **Video surveillance**
- **Biometric security**
- **Robotics**
- **Neural networks**
- **Machine vision**
- **Ultrasonic sensing**
- **Safety, risk and hazard analysis**
- **Distributed systems**
- **Health Informatics (Aged care, electronic health records)**
- **Privacy issues in EHRs**