

SCSSE Grants

Assoc Prof W Susilo

2007 Educational Strategies Development Fund (ESDF) Grant (with J. Abrantes, Z. Zhou, T. Xia, A. Krishna and A. Porter)

“ Problem Solving through Play”

2007 URC Near Miss Grant (with Y. Mu and K. T. Win).

“ Fuzzy authentication systems and their applications for protecting personal health records ”

2007 - 2009 National Natural Science Foundation of China (NSFC) (with F. Zhang).
Grant ID: 60673070.

“ Efficient Certificateless Cryptosystems and Their Applications ”

2006 Microsoft Asia Research Grant (with R. Safavi-Naini, Y. Mu, J. Horton, J. Baek and W. Li)

“ Trusted Computing ”

2006 - 2008 ARC Linkage Project (with Y. Mu)

“ Secure and Dynamic Single Identification Systems ”

2006 - 2008 ARC Discovery Project (with K. T. Win and F. Zhang)

“ Credential Systems and Their Applications in Securing Electronic Health Records ”

2006 URC Small Grant (with K. T. Win)

“ Protecting privacy of health information with fuzzy authentication system ”

2005 - 2006 Apple University Development Fund (AUDF) Grant (with D. Safiotti and K. T. Win)

“ iPathology: Learning Support Tool for Medical Students using the Apple iPod ”

2005 Educational Strategies Development Fund (ESDF) Grant (with J. Abrantes)

“ Learning to Learn: CSCI114 Laboratory Manual ”

2005 - 2006 ARC Discovery Project (with Y. Mu and F. Zhang)

“ Short signatures: tools for securing digital transaction and their applications ”

2005 - 2007 National Natural Science Foundation of China (NSFC) (with F. Zhang, B. Wei, S. Li)

“ The study of Bilinear Pairings based Cryptography ”

2005 URC Small Grant

“ An Efficient Fair Exchange of Digital Signature with An Implementation on Wireless Environment ”

2004 UoW Research Infrastructure Block Grant (RIBG) Grant (with P. Ogunbona, R. Safavi-Naini, I. Kharitonenko, P. Eklund, W. Li, L. Ye, Y. Mu and N. Sheppard)

“ Multimedia Content Management Research Facility ”

2004-2007 Defence Signal Directorate (DSD) (with R. Safavi-Naini and Y. Mu)

“ Next Generation Firewalls and Intrusion Detection Systems ”

2004 URC Discovery-Project Near Miss Grants (with Y. Mu)

“ Secure and Efficient Broadcasting Systems for Computer Networks ”

2003 UoW Research Infrastructure Block Grant (RIBG) (with J. Seberry and Y. Mu)

“Security in a Wireless Environment”

2003 ESDF Grant - Academic Services Division/Faculties of Science, Informatics, Commerce and Engineering (with S. Rogan, P. Croll and 5 others)

“Development and evaluation of Faculty specific peer assisted study programs”

2003-2006 ARC Discovery Project Grant (with R. Safavi-Naini and Y. Desmedt)

“Enhancing Privacy for Digital Communication”

2003 SDRG New Researcher Grant

“Personal Firewall for Wireless Handheld Devices”

2003 SDRG Start Up Grant

“Secure and Traceable Authentication Schemes for Ad-Hoc Wireless Networks Groups”

2002 UoW Research Infrastructure Block Grant (RIBG) (with R. Safavi-Naini and T. Wysocki)

“Wireless Laboratory”

2002 University Research Committee (URC) Start Up Grant

“Secure Authentication Schemes for Seamless Wireless Networks”

Assoc Prof Yi Mu

- UoW URC Near Miss Grant (2007) (with Willy Susilo and Khin Than Win)
Project: Fuzzy Authentication Systems and Their Applications for Protecting Personal Health Records
- Microsoft Research Grant (2006) (with Rei Safavi-Naini, Willy Susilo, Jeff Horton, Joonsang Baek, Wanqing Li)
Project: Trusted Computing
- ARC Linkage Project (2006-2008), (with Willy Susilo)
Project: Secure and Dynamic Single Identification Systems
- NSFC-DEST Linkage grant (2006) (with Fangguo Zhang, Xiaofeng Chen, and Willy Susilo)
Project: The Applications of Pairings Based Cryptography in Protecting Privacy and Anonymity
- National Natural Science Foundation of China (NSFC) (2006-2008), (with Xiaofeng Chen, et al)
Project: Research on special digital signatures with privacy preserving
- National Natural Science Foundation of China (NSFC) (2006-2008), (with Li Xu, et al)
Project: Secure, dynamic, and programmable ad hoc networks
- ARC Discovery (2005-2007), (with Yan Zhang, Mehmet A Orgun, Abhaya C. Nayak, Feng Bao)
Project: Knowledge based model updating for the correctness of security protocol
- ARC Discovery (2005-2006), (with Willy Susilo and Fangguo Zhang)
Project: Short signatures: tools for securing digital transaction and their applications
- ARC Research Networks: Research Networks for Secure Australia (RNSA) (2005 - 2010)
- ARC Research Networks in Enterprise Information Infrastructure (EII) (2005-2010)
- DSD Research grant (2004-2006), (with Rei Safavi-Naini, Anh Chung, Willy Susilo)
Project: Next generation firewalls
- DSD Research grant (2004-2005), (with Vijay Varadharajan)
Project: Security Infrastructure and Management for Mobile and Wireless Networks
- UoW Research Infrastructure Block Grant (RIBG), 2004, (with P. Ogunbona, R. Safavi-Naini, I. Kharitonenko, P. Eklund, W. Li, L. Ye, W. Susilo and N. Sheppard)
Project: Multimedia Content Management Research Facility
- UoW Near Miss grant (2004), (with Willy Susilo)
Project: Secure and Efficient Broadcasting Systems for Computer Networks
- UoW URC Small grant (2004),
Project: Dynamic Ad Hoc Key Management
- UoW Research Infrastructure Block Grant (RIBG), 2003, (with Jennifer Seberry & Willy Susilo)
Project: Security in wireless environment

Prof Jennifer Seberry

Dr TA Wysocki Dr A Mertins Prof JR Seberry 2003 \$199,080 Project Title: Space-Time Block Codes using Orthogonal, Amicable, and General Designs Category: 2805—Data Format (ARC Discovery Grant)

Prof JR Seberry; Dr T Xia; Prof M Xia 2005 Total \$120,000 Title: Combinatorial structures for computer security and communication Category: 2301 - Mathematics Collaborating country: China (ARC Linkage International Fellowships)

Assoc Prof Minjie Zhang

Dr Minjie Zhang 2002 \$50 000 Project Title: Developing Optimal Synthesis Strategies in Distributed Expert Systems (ARC Discovery Grant)

Dr M Zhang—University of Wollongong Prof Z Shi—Chinese Academy of Sciences 2003 Total \$15,000 Title: Meta-Ontology based Protocols for the Cooperation in Heterogeneous Agent Systems (ARC Linkage International)

Assoc Prof Phillip McKerrow

Dr L Lockyer; Dr I Brown; Prof BM Harper; A/Prof PJ McKerrow; Mr D Blackall; 2004 \$175,000 APA(I) Awards: Industry Partner(s): WIN Television Network Pty Ltd Apple Computer Australia Pty Ltd Title: A learning design to operationalise new pedagogical frameworks: developing critical multi-literacy within a technology-supported learning environment Category: 3301 - Education Studies (ARC Linkage Project)

Prof Aditya Ghose

Prof AK Ghose 2003 Total \$107,300 APA(I) Awards: 1 Industry Partner(s): BHP Steel Title: Optimizing steel industry supply chains through constraint and market-oriented programming. Category: 2802—Artificial Intelligence And Signal And Image Processing

Dr Aditya Kumar Ghose Dr R Clarke Mr P Hyland 2002 Total \$67,635 APA(I) Awards: Industry Partner(s): State Emergency Service. Title: Practical Methodologies For Agent-Oriented Conceptual Modelling.

Dr Aditya Kumar Ghose 2002 Total \$129,000 APA(I) Awards: Industry Partner(s): BHP Steel (JLA) Pty Ltd. Title: Integrated constraint-based planning and scheduling.

Prof Philip Ogunbona

Prof Reihaneh Safavi-Naini Dr PO Ogunbona 2002 Total \$232,896 APA(I) Awards: 1 Industry Partner(s): Motorola Australian Research Centre Title: Semantic Authentication of Visual Data.

2004 UoW Research Infrastructure Block Grant (RIBG) Grant (with P. Ogunbona, R. Safavi-Naini, I. Kharitonenko, P. Eklund, W. Li, L. Ye, Y. Mu and N. Sheppard)
“ Multimedia Content Management Research Facility ”

Aneesh Krishna

Yan, J., Shen, J., Krishna, A. Enhancing accessibility and interoperability of location-based services using Web services standards and ontology, IP Location Aware Services Initiative – Faculty grant (2006), \$ 5,000.00 - Current