

CSU IT Masters May Newsletter

PH (free call) :
1300 885 685
PH : +61 3 9581
2600
FAX: +61 3 9581
2666

E-mail:
info@itmasters.edu.au
Web:
<http://www.itmasters.edu.au>

PO Box 2973
Cheltenham
Victoria
AUSTRALIA 3192

[fname],

We had a fantastic first intake for our new Doctor of Information Technology and providing we can keep up the momentum, we are on track to have the largest number of Aussie IT Researchers of any university by the end of next year.

cheers,
Martin Hale
Adjunct Senior Lecturer - Charles Sturt University

Chief Executive Officer - IT Masters Pty Ltd

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Why is CSU's Doctorate different?



I am sure there are people in world who get more excited about IT Research than Tanveer Zia who is the *Course Coordinator for Doctor of Information Technology*, but I just haven't met them yet. Tanveer had the following to say about what makes CSU's [Doctor of IT](#) unique:

“ The traditional doctoral education in Australia is primarily research oriented with

little or no connection with the industry. Charles Sturt University (CSU) has identified the need for an outcome oriented professional doctorate and has restructured its Doctor of Information Technology ([DIT](#)) course to make it practical and industry-driven. Students in this course bring strong industry connection through their work experience and conduct practice-based research, solving the real issues faced by the Information and Communication Technology (ICT) industry. They demonstrate how they have impacted professional practice as well as how they have affected the deeper and broader understanding of the practice through research. This provides students an opportunity to put their practice through research. Given that most students hold senior level positions in their respective organisations, they can easily drive change as result of their research outcomes. Another salient feature of the [DIT](#) is that the students report their findings in form of publications while they progress in the course. Thus the solutions to a particular industry problem are widely disseminated in form of white papers, technical reports, refereed papers and finally in a thesis.”

If you would like to discuss potential research topics or

any other facet of research, email Tanveer on tzia@csu.edu.au

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Examples of IT Research topics



Following are some examples of the type of practice-based research being carried out by the DIT students:

- A Senior IT Specialist in Sydney has started investigating why Australian organisations are slow to adopt Cloud Computing and the underlying security issues which may be of concern to Australian consumers.
- A Business Analyst who works for a ministerial organisation (having previously worked on projects in a larger university) is developing taxonomy of elements to deliver national curriculum in order to streamline the online delivery of teaching resources.
- A student with vast work experience at a major IT vendor has identified the security threats involved with the deployment of Cloud Computing and started an investigation of security technologies offered by Cloud service providers to determine the level of security being offered.
- A computer professional based in a small regional

town in WA who works for an organisation which deals with the elderly people, has identified the infrastructure threats to National Broadband Network which will be used for online education for elderly in that small regional town.

- A technology support officer working in a regional high school in NSW has identified the project management weaknesses in Department of Education and wants to propose and test adoption of project management frameworks that can be aligned with the Department's strategic goals.

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Microsoft Research goes to the front of the class

Microsoft have been fantastic in providing support for the establishment of the Doctorate.

Ms Pip Marlow

Managing Director,

Microsoft Australia

Dear Pip,

We are writing to you to express our gratitude for the assistance that your CSS Community Program Manager (MVP) - Ms Roseanne Stamell - has been in getting research in Microsoft platforms established at Charles Sturt University.

With over 1000 IT professionals currently enrolled in our MBA (Computing) and other IT Master degrees, Charles Sturt University is the largest provider of postgraduate IT courses to Australian IT professionals. Our focus over the next 3 years is to leverage our success to also become the largest provider of IT Research doctorates in Australia. A number of students approached us to focus their research on Microsoft technologies and platforms but in the past, we have had to reject these applicants because we do not have supervisors with the required deep knowledge of Microsoft technologies or platforms that the students are wishing to research.

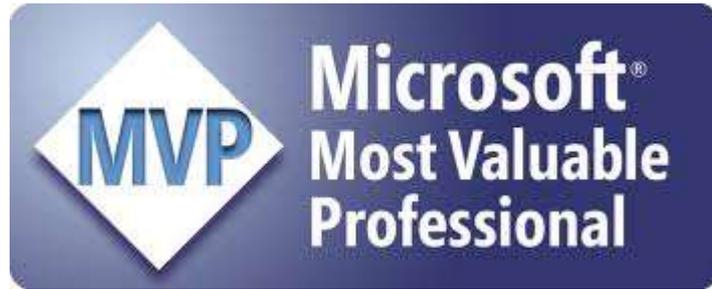
We discussed the matter with Roseanne late last year and Roseanne reached out to your MVP community and asked for volunteers to assist our Principal Supervisors as Co Supervisors providing expert input on the Microsoft technologies that are being researched. We received a fantastic response from your MVP community and we are now getting close to the point that we can accept doctoral applicants no matter what Microsoft platform they wish to incorporate in their research. We will shortly be advising our 3,400 IT alumni of this and in the years to come we look forward to sharing the results of what we believe will be a significant amount of Microsoft focused research.

Can you please pass on our sincere thanks to Roseanne

Sincerely,

Tanveer A Zia, PhD

Course Coordinator for Doctor of Information Technology



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Complimentary tickets to CeBIT

We will be at Booth number J19 at CeBIT and would love to catch up if you are visiting Australia's largest technology show. You can save yourself the \$99 Admission fee by registering at <http://mycebit.com.au/csu>



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Who says Craig never leaves his Computer?



In the past, I have featured the incredible mix of activities that our senior industry based lecturer in Cyber Security undertakes, including:

- Working for 23 years in the Cyber Security industry, including 13 years in Digital Forensics.
- Appearing on over 20 occasions as an Digital Forensics expert witness in Cyber Security lawsuits
 - Authoring over 100 publications on Cyber Security including the official study guide for the [Computer Hacking Forensic Investigation](#) certification
 - Holding nearly 100 industry certifications, sitting on the [SANS Technology Institute board](#) and beta testing for the [GIAC Cyber Security industry Certifications](#).

One of our readers responded about the last item on Craig with 'I bet he never leaves his computer' so I have attached a picture to prove this is not true.

Craig is currently running series of public Webinars on

Cyber Security with his next one being:

Webinar: What to Do When Your Network is Hacked

- Making sure you optimise the ability of criminal and forensic investigators to gather evidence
- The Incident handling process
- Case Studies
- Key factors that hackers look for when selecting targets
- Attack trends
- Assessing your vulnerability
- Preparation
- Identification
- Containment
- Eradication
- Recovery
- Lessons Learned

Date: Monday, May 7, 2012

Time: 12:30 PM - 1:30 PM AEST

URL to register:

<https://www2.gotomeeting.com/register/939395402>

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The best kept secret around: SAGE-AU

Six months ago our Network Manager joined the [Systems Administrators Guild of Australia \(SAGE-AU\)](#) and the following is his feedback:

'The SAGE-AU mailing lists are an invaluable resource for any systems administrator. The discussions contain a wealth of information and expertise, and the response to any issues I have posted has been quick, accurate and really addressed the question. I estimate that we covered the full cost of my annual membership with the time saved from the very first posting I made.'

SAGE-AU is not for profit, volunteer based, organisation but it does take some dollars to run and the organisation

is currently looking for more members. If you are supporting a Network I urge you to become [member](#) and also visit us at the Charles Sturt University Booth at the SAGE-AU Annual conference <http://conference.sage-au.org.au/>



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How much credit would you qualify for? Are you eligible?

Fill out the online form at <http://www.itmasters.edu.au/AmIEligible.aspx> and we will get back to you with answers to these and any other questions you may have.

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