

footnotes

UWS Office of Research Services uwsresearchstudentnewsletterSeptember2011



A/Prof Hilary Bambrick (judge) with winner Cherylea Brown and special guest judge Ms Lucy Carter, Triple J News Director and ABC Youth Affairs Reporter Greg Whiteley, Cherylea Browne and Ryan Al-Natour

UWS 3 Minute Thesis Finals

The UWS 3 Minute Thesis final was held at Parramatta on Friday Sept 2nd.

The winner, and People's Choice, is **Cherylea Browne** of the School of Medicine. Topic: *Understanding the Underlying Mechanisms of Tinnitus*. Cherylea won \$2000 for first prize and \$500 for People's Choice.

Second prize winner was **Greg Whiteley** of the School of Natural Sciences. Topic: *Assessment of New Methods for Monitoring Environmental Surface Cleaning and Hygiene in Healthcare Settings*. Greg's prize is \$1000.

Third prize of \$500 went to **Ryan Al-Natour** Centre for Cultural Research. Topic: *The Case of the Proposed Islamic School in Camden*.

Cherylea will represent UWS at the Trans Tasman finals at the University of Western Australia on September 29th in Perth.



Host, Mr Michael Antrum and PVC, Research Professor Andrew Cheetham



3 Minute Thesis presenters at Open Day exhibition



College of Health and Science 3MT participants



3MT College of Arts



College of Arts participants



A/Prof Hart Cohen and Professor Kate Stevens at the College of Arts competition



Judges at the College of Business and Law competition; Miss Amanda Reed, Ms Maika Sundmacher and A/Prof Craig Ellis



College of Business and Law competitors





<http://newscientistprize.org/>

Welcome One and All!

The New Scientist Prize for Science Writing is now OPEN for student articles and editorials from all the far reaches of science. The competition aims to enhance excitement and enthusiasm about science and science communication; encompassing discoveries, new and old, technology and social commentary on present uses of science in the community.

Apart from giving students the chance to express their opinions and writing prowess, three winners will be chosen from all the entries! **First prize** will be \$1,500 and their article will be published on the *New Scientist* website <http://www.newscientist.com/>. **Second prize** will be \$750 and **third prize** will be \$250. The three winning entries will also be given a complementary yearly subscription to the *New Scientist* magazine.

Our delightful judges for this year will be Dr. Karl Kruszelnicki from the University of Sydney, Georgina Howden-Chitty and Dr. Ed Sykes from the Australian Science Media Centre, and Sumit Paul-Chourhury and Lucy Dunwell from *New Scientist*.

Entries will be accepted from the **1st August 2011** and will not be accepted after the **19th September 2011**.

If you would like to enter, please see the How To Enter and Conditions pages for entry details and guidelines for submission. Please send all enquiries to newscientistprize@gmail.com

Happy Writing and Good Luck!

The Winners of New Scientist Prize for Science Writing 2010!

If you are looking for some inspiration, may we strongly recommend reading the fantastic works of last year's winning entries:

First Prize Winner 2010

Tegan Dolstra of the Australian National University (ANU) for her piece *Buying time: fortifying our last antimalarial drug*, about the important compound artemisinin.

Second Prize Winner 2010

Bridget Murphy of the University of Sydney, for her article *The new lab rats*, about the use of reptiles in studying the evolutionary history of cancer.

Third Prize Winner 2010

Alecia Wood of the University of Sydney, for her article *In vino veritate*, about the chemistry of





RESEARCHING COMMUNICATION AT UWS

CALL FOR PAPERS - Summer Research Festival - Researching Communication (ResCom) at UWS: Brain, Behaviour & Computation Conference.

MARCS Auditory Laboratories, together with Medicine, BENS Research Group, Computing & Mathematics, Psychology and Humanities & Languages, is pleased to announce its inaugural Summer Research Festival which will be held between 5-14 December 2011.

ResCom is for:

UWS staff and undergraduate and postgraduate students interested in interdisciplinary Human Communication Science, including research in Psychology, Music and Communication Arts, Linguistics, MARCS, Medicine, Sensory Neuroscience, Engineering, Bioelectronics and Neuroscience (BENS), Computing, and Mathematics.

The program includes:

- » Summer School sessions, Poster Displays, Speed Papers, Keynote Addresses
- » 3 Symposia:
 - » Thinking Systems Frontier: Intelligent Machines, Robots, Human-Computer Interaction & the Science-Arts Nexus
 - » Sensory Neuroscience
 - » Australian Workshop on Computational Neuroscience

ResCom has been designed to provide an intensive forum and learning environment for seasoned researchers, graduate students, and senior undergraduate students. The aim is for current and future researchers to hear about topics and approaches outside their home discipline from leaders in Human Communication Science research areas, and to facilitate interdisciplinary thinking and training.

The deadline for abstract submissions for posters and speed papers is **Wednesday 21 September 2011**.

ResCom (Dec 5-9) registration is **free** for UWS staff and students and closes **Friday 11 November 2011**. Please note that registration for all components of ResCom is ESSENTIAL to guarantee your place at each event.

To submit an abstract or to register for the conference go to <http://rescom.uws.edu.au>





The Charlie Perkins Scholarships

The Charlie Perkins Scholarship Trust is offering two annual postgraduate scholarships to provide talented Indigenous Australians with the opportunity to study at either the University of Oxford or the University of Cambridge for up to three years.

The scholarships are directed at Indigenous Australians who have the potential to become leaders in their field of study and in their communities. The first two Charlie Perkins scholars have been funded by the Australian Government, the British Government (through the Chevening program) and Rio Tinto. Qantas is the official airline partner for the scholarships.

The Charlie Perkins Scholarships will only be awarded to candidates who have been accepted into a postgraduate degree program offered at either the University of Oxford or the University of Cambridge. In most circumstances, candidates will need to hold a First Class or upper Second Class Honours degree in order to be accepted to either university.



Applications for the 2012/13 Charlie Perkins Scholarships will open on Monday 15 August 2011 and will close on Friday 14 October 2011.

Applicants are required to submit their application to the University of Cambridge by 1 December 2011 and to the University of Oxford by 20 January 2012.

For further details on how to apply, please go to the Charlie Perkins Trust website at: www.perkinstrust.com.au

About Dr Charles Perkins AO

The Charlie Perkins Scholarships are inspired by and in memory of Dr Charles Perkins AO – Australia's first Indigenous man to graduate from university, who dedicated his life to achieving justice for Indigenous Australians. Dr Perkins became a national figure when, in 1965, he led a group of 30 students through NSW country towns on the "Freedom Ride" to campaign against racial discrimination and poor living conditions. In 1972, he joined other young Aboriginal men and women at the Tent Embassy on the grounds of Parliament House in Canberra to defiantly call for compensation and recognition of Aboriginal land and human rights.



State Library of New South Wales Scholarly Musing – Guidelines for Presenter Proposals

Background

Scholarly Musing is a series of events that provide an opportunity and environment for researchers to exchange ideas and learn about other research projects being pursued at the Library. Presentations take place once a month starting March 2011. Researchers are invited to submit a proposal outlining a presentation they would like to give that shares their experiences and discoveries in using the collections of the State Library of NSW.

Presentations typically would be about 30 minutes long. They would be presented in the Friends Room. They are intended as informal talks, which provide an opportunity for researchers to exchange ideas and meet other Library users in a relaxed and casual environment. A basic morning or afternoon tea will be provided.

Presentations proposal

To nominate for a presentation, scholars must submit a proposal of no more than 200 words describing their topic and presentation. Proposals are to be titled *Scholarly Musing – presenter proposals* submitted to library@sl.nsw.gov.au for approval

Resources supplied

The Library will provide:

- » the venue
- » a laptop and data projector
- » light refreshment
- » promotion in the reading rooms and on the website.

Additional information

The Library may ask for permission to record presentations and broadcast them via its website.

Some presentations may be suitable for publication in the Library's *SL Magazine*. Final acceptance of a completed article is an editorial decision.

SELF Biennale International Conference



PhD student Natasha Magson at the International Biennial SELF Conference

Executive Officer Kate Johnson and PhD student Katrina Newey at the conference

Staff and students from the Educational Excellence and Equity (E3) Research Program, Centre for Educational Research, attended the Sixth SELF Biennale International Conference: The Centrality of SELF Theory and Research for Enabling Human Potential, 19-22 June, 2011, at the Université Laval in Montreal, Canada

UWS Intellectual Property (IP) Evaluation Panel



IP Panel participant PhD student Mitchell Low chatting to Dr Fiona Cameron (UWS Innovation & Consulting) and patent attorney Dr Peter Brown (Griffith Hack)

UWS's innovation capability was on show at this year's second Intellectual Property (IP) Evaluation Panel, which took place on July 5th at the historic Female Orphan School, Parramatta South Campus.

Jean Bunton, a UWS PhD student presented an entrepreneurial business pitch called "Sing the Sounds of English". Being her first time pitching her business idea to a panel, Jean thought it was a great experience. "Presenting the work developed from my Honours project, which was to write songs and music for young children with the aim of teaching English, was a chance to get feedback from experts outside my area of study. Preparing the presentation itself helped me clarify exactly what I was looking for in terms of finding an industry partner. The questions I was asked by the Panel were quite surprising as they came from different angles, but they helped me see which direction I should concentrate my ideas. There were many suggestions of ways I could extend the scope of my project. I now have some potential links with industry which I couldn't have found in any other way. I felt encouraged by the IP Panel process and found the whole experience very positive."

Mitchell Low, a UWS PhD student at the Centre for Complementary Medicine Research, was invited to sit on the panel as a non-voting member. He thought it was a great experience, and said that "It was very encouraging to see that the focus was on protecting and supporting the research, to foster continued growth and prestige for the University. As a young researcher it was encouraging to see that most of the applicants were successful and I would strongly encourage anyone with marketable research, supported by preliminary results, to approach the University for support and advice." Mitchell joined an eminent panel of UWS academics and industry experts to advise and recommend outcomes for inventions brought to the panel for investment and protection.

Continuing the excellence in student participation at the panel, Mark Trudgett a PhD student from the School of Natural Sciences presented his research that may revolutionise the efficiency of current chemical separation technologies.

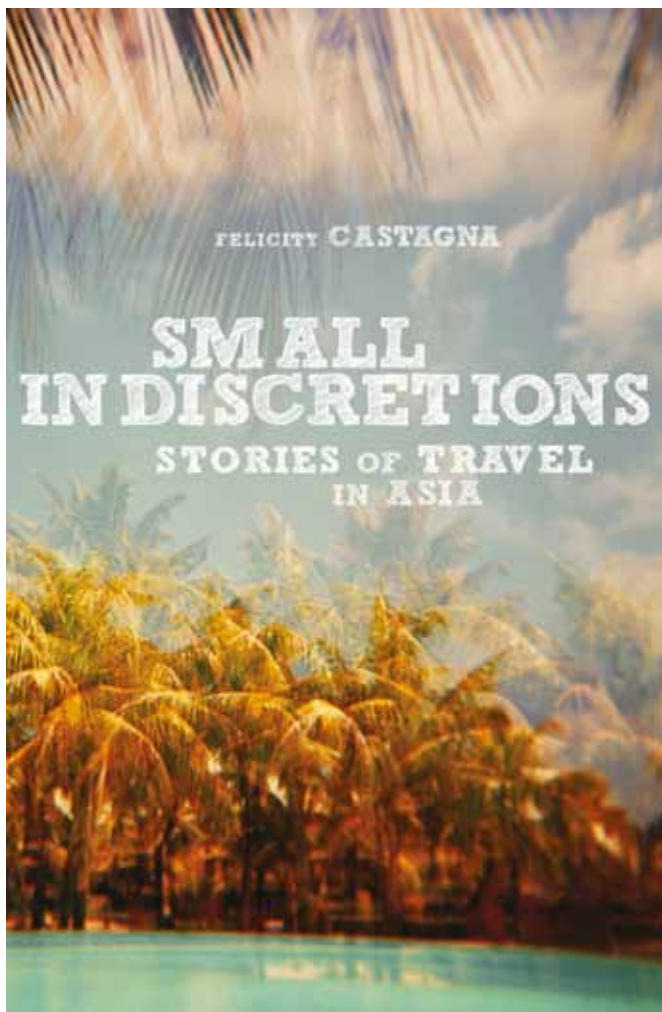
Research students own the IP they generate, however by assignment to UWS, Innovation & Consulting can take over the risk and provide the funds and expertise to support commercialisation of suitable student inventions. Several student inventions have been included in the UWS patent portfolio in recent years. If you have ideas or inventions that are innovative, have market potential and may be patentable, talk to your supervisor and give UWS Innovation & Consulting a call on 9685 9742.

If you would like the opportunity to sit on the IP panel as an HDR student representative, or make a student pitch of an idea, please contact Robert Burnside at UWS Innovation & Consulting on (02) 9685 9742 or email r.burnside@uws.edu.au

The remaining IP Evaluation Panel dates for 2011 are:

Friday, 9 September 2011
Friday, 11 November 2011

Writing and Society Successes



Congratulations to Pip Smith, Christopher Kremmer and Felicity Castagna, three postgraduates from the Writing & Society Research Group whose books have been published recently or are about to be published.

At the Sydney Writer's Festival Pip Smith launched *The Penguin Plays Rough Book of Short Stories*, a beautifully produced collection of stories drawn from monthly readings at Penguin Plays Rough, which Pip established in 2008 to showcase the work of emerging and established writers.

At the beginning of August Christopher Kremmer's new book *The Chase*, a fictional exploration of the horse-racing industry in post-war Sydney, will be published. Already well known for his creative non-fiction and particularly *The Carpet Wars*, this is Chris's first foray into fiction. *The Chase* will be launched on Monday 1 August at Shearers Bookshop in Leichardt, 6 for 6.30pm.

Also in early August Transit Lounge will publish Felicity Castagna's first book, a collection of short stories titled *Small Indiscretions*. Praised in *Bookseller + Publisher* for their 'sensitive' dialogue and varied characters (a 'slice of humanity: wiry and uncertain'), Felicity's stories span a range of Asian countries including Indonesia, Cambodia, Vietnam, Laos and China. *Small Indiscretions* will be launched at Berkelouw Books in Leichardt on Saturday 6 August, 3.30 for 4pm.

Congratulations Pip, Chris and Felicity!



Interventions and Intersections Postgraduate Conference 2011 School of Communication Arts

The School of Communication Arts (UWS) held '*Interventions and Intersections*', a two-day interdisciplinary postgraduate conference for School-based Honours and Higher Degree Research (HDR) candidates.

The conference presented research in a friendly and supportive environment while giving students the chance to gain valuable feedback from academic staff and peers. Recognising that scholarship is largely a 'conversation of ideas', the event sought to foster a collegial environment of scholarly exchange to enhance students' research experiences.



Stephanie Doohan, Dr Jennifer Shaw UNSW and Dr Sally Macarthur at the SOCA Conference

The College of Health and Science Research Futures Postgraduate Forum



Key Note Speaker Prof Tony Peacock

Tony Peacock is a Professor of feral stuff at the University of Canberra and Chief Executive of the Invasive Animals Cooperative Research Centre.

He's interested in the worms that live in the lungs of cane toads; trying to make rabbits not breed like rabbits; finding fox scats anywhere but especially Tasmania; what makes Indian myna bird trappers trap and how to make a common carp sexually irresistible (to another carp).

Tony is a Eureka Prize winner, see: http://www.canberra.edu.au/media-centre/current/august/2010_august_peacock-eureka-prize

Tony's told students that they should be the voice of science, be confident, and realise that they are a desired commodity

Referring to Randy Olson's work on science communication, he offered this advice:

- » Don't be such a scientist
- » Don't be so cerebral; use other organs like the heart
- » Don't be so literal
- » Don't be a poor story teller
- » Don't be unlikeable
- » Be the voice of science

Tony is on Twitter; Tony Peacock @feralbloke



Aimee Bourne, Megan Halcroft and Yan Shih Lin at the Futures Forum



Paul Milham And Mauricio Novoa with students at the Futures Forum



Nicole Hunter

Nicole Hunter works on wombat travel. Wombats typically barge through fences irritating farmers because then wallabies (who eat a lot more) and foxes can get in. She trialled a gate system whereby wombats can be trained to use the gates (but not deviate their path) based on weight using a sensor. The sensor is set to very heavy so that foxes and wallabies can't activate it. Brilliant!



Vanessa Mendes Moreira De Sa, Juir Chusjairi (Candy) Ye Liang and Mehr Tiwana

For a full list of winners of HDR Presentations and Honours Posters from the Research Futures Postgraduate Forum 2011: http://www.uws.edu.au/health_science/chs/research_futures_forum

Book of Abstracts
http://www.uws.edu.au/__data/assets/pdf_file/0010/194518/Book_of_Abstracts_Futures_Forum_2011.pdf



Music Candidate Achievements

MA (Hons) student Daniel Portelli has had his orchestral piece, *Allegory of Nature*, win him selection as part of the Melbourne Symphony Orchestra's CYBEC programme for 2011. He will get to write a work for the orchestra and have it rehearsed and recorded as well as receive a national mentor (Nigel Butterley) to help. Last year only four composers were selected nationally. This is a significant achievement. The Melbourne Symphony Orchestra's annual Cybec 21st Century Australian Composers Program selects young composers to write a new and innovative work for performance by members of the MSO. The program aims to nurture and develop the talent of young Australian composers, pushing musical boundaries and identifying new voices.

Holly Harrison, Doctor of Creative Arts candidate, has been selected as the Young Australian composer delegate to represent Australia at Asian Composers League Young Composer Competition. The competition forms part of the 29th Asian Composers League (ACL) Festival & Conference in Taipei, Taiwan, 26 November - 3 December 2011.

Only one young composer is selected from Australia for the event. The composition selected is *Take Care of Sense and the Sounds Will Take Care of Themselves*—a Lewis Carroll inspired chamber work with post-minimalist/Ivesian and John Zornish juxtapositional sounds. Visceral sounds slabs of punk-inspired physicality and classical architecture knock down conventional 'sense' and regroup as a 'reorganised visceral aural experiment' of great fun.

Best wishes for the competition Holly.

