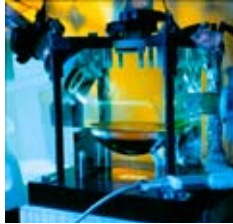


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## Message from the Dean



Welcome to the September edition of Graduate Research News. Spring is in the air and heralds a new location for the Graduate Research School. After 3 years based on the ground floor of the Rupert Myers Building, we will be moving upstairs to level 2 in the in mid-September. While there will be some disruptions to services we will remain open for essential services. Please check the Graduate Research School website and your UniMail account for latest details.

August has been a Eureka month for UNSW. It was particularly pleasing to see UNSW PhD students as finalists in a number of categories for the 2008 Australian Eureka Prizes. Congratulations to solar cell engineering PhD student Nicole Kuepper, from the School of Photovoltaic and Renewable Energy Engineering, who won two major

awards. Nicole is profiled later in the newsletter.

Do you think you have an outstanding supervisor? What do they do differently to other supervisors that you consider makes them outstanding and not just very good in supporting your research and development as a researcher? Why not encourage them to apply for a UNSW Vice-Chancellor's Awards for Excellence in Postgraduate Research Supervision. These awards recognise and encourage sustained excellence in postgraduate research supervision. Applications require a current or completed research student to provide a letter of reference commenting on their supervisor's attributes and qualities as a supervisor. As Chair of the selection committee, I look forward to a strong field of applicants this year and a tough decision that reflects the large number of very dedicated, enthusiastic supervisors at UNSW.

Margaret M Harding

Pro Vice-Chancellor Research Strategy  
Dean of Graduate Research

### The Graduate Research School is Moving!

The Graduate Research School will be moving offices from 15th - 26th September inclusive. During this time the School will be maintaining essential services but please note you may experience some delays in response times to emails and voicemail.

The School will be newly located upstairs from the current location, on the 2nd floor of the Rupert Myers Building, South Wing, from 18th September.

## Congratulations to PhD Nicole Kuepper – Winner of Two Prestigious Eureka Prizes!

PhD student Nicole Kuepper from the School of Photovoltaic and Renewable Energy Engineering was a stand out winner at the recent prestigious Australian Museum Eureka Awards winning two awards. The Eureka Prizes reward outstanding achievements in Australian scientific research, leadership and innovation, communication and journalism and school science.

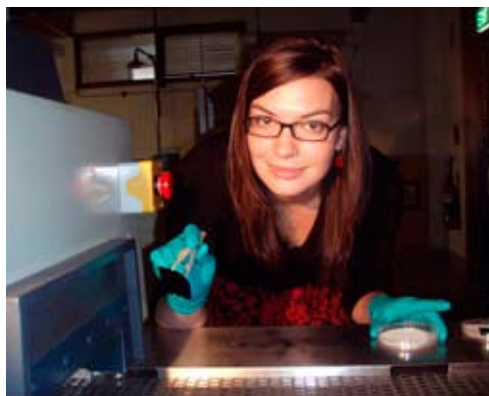
Nicole was one of six finalists in the Eureka People's Choice Award, who were selected from the hundreds of entries in the Eureka Prizes for scientific research. Nicole was voted Australia's favourite scientist with almost 16,000 people casting their vote and choosing Nicole as the winner.

Nicole was also awarded the British Council Eureka Prize for Young Leaders in Environmental Issues and Climate Change by a panel of judges.



Nicole Kuepper & Christopher Wade Director, British Council

Nicole was awarded both prizes for her work using everyday items like a pizza oven, nail polish and an inkjet printer to develop a



Nicole Kuepper in the Laboratory

(photo from Catalyst)

revolutionary, simple and affordable, solar cell called the iJET. This represents a major breakthrough in solar cell technology as it can potentially allow developing countries access to production techniques for solar cells that are currently expensive and unaffordable. Nicole hopes it will lead to green energy in developing nations, providing electricity to the world's two billion poorest people.

As part of the British Council Eureka Prize for Young Leaders in Environmental Issues and Climate Change, Nicole will undertake a study tour to the UK to the value of \$10,000.

Nicole also lectures at UNSW on photovoltaic manufacturing and sustainable energy in developing countries, is involved in various community projects, was a UNSW University Medallist, has been president of the Photovoltaic Society, Director of the Sydney Energy Cooperative and was selected to attend the Australian Government's Youth Summit2020.

Congratulations to Nicole on such a great achievement!

## Research Participants Required - Black Dog Institute

### PROJECT 1

Currently seeking healthy participants for a trial looking at the effects on the brain of a new treatment being developed for depression, known as mild brain stimulation. The trial will involve two sessions (2 hours each) on two separate days, and you will have a brain Magnetic Resonance Imaging (MRI) scan on each occasion. For your time, you will be reimbursed \$100 at the end of the second session.

Inclusion Criteria:

- No current psychiatric or neurological illness
- Aged between 22 and 40

The study is being conducted by the University of New South Wales at St Vincent's Hospital, Darlinghurst. For further information please contact Patrick Phone: (02) 9382 8319 or email: [TMSandDCS@unsw.edu.au](mailto:TMSandDCS@unsw.edu.au)

### PROJECT 2

Researchers are investigating mild brain stimulation as a treatment for depression and potential alternative to medication and electroconvulsive therapy. Very weak currents are used to stimulate the brain. The stimulation is painless with no known serious side effects, and the person is fully awake and alert

## Masters Research Student Needs Research Participants

This student is looking for volunteer research participants to take part in a study which will aim to identify the differences between the pronunciation of British, American, Australian, New Zealand and South African English. You will be required to spend between ten and fifteen minutes completing a questionnaire, recording a list of words and participating in a two to three minute conversation. Required are

BLACK DOG INSTITUTE



during the 20 minute treatment sessions. Participants will receive diagnostic testing as well as the treatment, and will be required to attend the Black Dog Institute on Mondays, Wednesdays and Fridays for 3-4 weeks.

Main Criteria:

- People aged 18-65
- People who have been experiencing feelings of depression for at least 4 weeks prior to study entry

Why Participate?

- Free, confidential treatment
- Expert assessment
- Treatment conducted on an out-patient basis

To enquire call: (02) 9382 3720 or email: [TMSandDCS@unsw.edu.au](mailto:TMSandDCS@unsw.edu.au).

male and female participants from each English speaking nationality, at all ages.

If you are interested in participating, and would like to learn more about the way in which you speak, please contact Rebecca on [z3175334@student.unsw.edu.au](mailto:z3175334@student.unsw.edu.au)

## Looking for Accommodation for 2009 Designed Specifically for Postgraduates?

The New College Village (NCV) is currently under construction on the UNSW Kensington campus on Anzac Pde and is almost complete. The College will be opening its doors to UNSW Postgraduate Students for the first time in 2009 and applications are currently open.

The focus of the NCV is on providing an exciting postgraduate community that will promote the intellectual, social and spiritual development of its residents. The college accepts residents of all faiths (and none) and encourages open dialogue about beliefs and worldviews.



There is an emphasis on postgraduate support led by the Master and a team of residential staff and research fellows. Academic tutors will be appointed each year, within the NCV to assist residents with their studies. Tutors are typically in their final stages of a PhD.

The NCV offers over 300 places, with 172 self-contained studios and the remaining places in 5-6-bedroom apartments. All rooms are cleaned weekly and linen changed.

Studio Rooms with:

- Ensuite      • Air-conditioning
- Personal kitchenette with hot plates
- Microwave    • Small fridge



5 - 6 bedroom apartment with:

- Bedroom (each with its own ensuite and air-conditioning)
- Shared kitchen    • Fridge                      • Oven
- Microwave            • Cupboard space

All bedrooms include:

- Bed                      • Bed linen    • Desk            • Chair
- Lamp                    • Phone            • Shelves

The building also has a common room on each level with a plasma TV and Foxtel, a main common room, a games room, business centre, reading room, convenience store, laundry, two courtyards and a roof top terrace with BBQ.



All research scholarship holders will be given priority for residential accommodation in the NCV. Applications are now open. Offers will be made subject to availability until the start of Semester 1 2009.

For further information on NCV including fees, services and facilities - please visit the NCV website:

[www.ncv.unsw.edu.au](http://www.ncv.unsw.edu.au)

## UNSW Research Students Awards, Achievements and in the News

### EUREKA AWARDS

Congratulations to all UNSW Staff and Research Students who were winners and finalists in the recent 2008 Australian Museum Eureka Awards. UNSW researchers dominated the Prizes, winning an unprecedented six awards for their achievements in water, climate and renewable energy research and their leadership in Australian science and engineering.

In a major achievement, the entire UNSW School of Photovoltaic and Renewable Energy Engineering took out the IAG Eureka Prize for Innovative Solutions to Climate Change for its ground-breaking and consistently strong record in solar cell research. For further information on the award winners please see the following news article:

[www.unsw.edu.au/news/pad/articles/2008/aug/Eureka\\_Prizes.html](http://www.unsw.edu.au/news/pad/articles/2008/aug/Eureka_Prizes.html)

### THE WIGHTMAN BEQUEST (Postgraduate Scholarship in Architecture)

Congratulations to Christine Steinmetz, one of three students who won this year's Wightman Scholarship in Architecture in the Faculty of the Built Environment. Christine is an International student from the USA, currently writing up her PhD entitled: *Universities as Place: An intergenerational perspective on sense of belonging to Australian universities*.

### PHD STUDENT TO BE INCLUDED IN BOOK OF BIOGRAPHIES

Congratulations to Ayyaz Ahmad, from the School of Mechanical and Manufacturing Engineering, who was recently nominated as candidate and then approved for inclusion in the 26th Edition of *Who's Who in the World* due for publication in November 2008. This publication is a biographical reference work with information on political leaders, notable religious and humanitarian figures from developing nations, multinational business executives, scientists and engineers, and many more.

### Important Dates & Upcoming Events

- 1 Sept - CENSUS DATE - Last date to enrol or vary your enrolment - Contact the [Graduate Research School](#) ASAP if you still need to enrol for S2 or you need to make a variation
- 4 Sept - Thesis Submission Seminar ([Graduate Research School](#))
- 10 Sept - Stress Management ([Counselling Service](#))
- 15 Sept - 26 Sept - Graduate Research School Moving Offices ([Graduate Research School](#))
- 16 Sept - Networking for Postgraduate Research Students ([Careers & Employment](#))
- 17 Sept - Code of Conduct for Responsible Practice of Research Seminar ([Graduate Research School](#))
- 24 Sept - Occupational Health & Safety Awareness Training ([OHS Unit](#))

**Please advise Iona Reid, Student Liaison Manager, in the Graduate Research School of upcoming events including seminars, conferences and any research student achievements or awards for incorporation into 'Graduate Research Student News' and our News and Events website listing.**

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