



## Faculty of Science News Bulletin for Research Staff

**Bulletin 07/2005**

(13 April 2005)

[www.sci.monash.edu.au/staff/research/index.html](http://www.sci.monash.edu.au/staff/research/index.html)

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### Items for inclusion in this bulletin

Please forward any items to Matt Randall ([matt.randall@sci.monash.edu.au](mailto:matt.randall@sci.monash.edu.au)).

Requests should include full information on application / nomination procedures, dates and deadlines, and contact details or web links to further information.

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## **PART A – NEWS**

### **1. New Monash University Human Ethics website**

The Research Office has advised that the new Human ethics website has been released. Visit [www.monash.edu.au/research/ethics/human/index.html](http://www.monash.edu.au/research/ethics/human/index.html)

### **2. United Kingdom (UK) Cabinet Office Researcher Database**

The University of Manchester is compiling a database of researchers who might be interested in being approached by UK government departments to respond to tenders. The database will be used only by UK government departments and only for this purpose. Researchers who would like to be listed in the database should visit [www.ccsr.ac.uk/methods/researchers/](http://www.ccsr.ac.uk/methods/researchers/).

## **PART B - EVENTS**

### **3. Australasian Research Management Society (ARMS) event: "Connecting with Industry"**

A panel of speakers will discuss some of the Australia's successes, opportunities and challenges in building successful partnerships and encouraging greater collaboration between researchers and industry. Speakers for this special event include:

- Professor Ian Harper - Melbourne Business School
- Dr Edwin van Leeuwen - BHP Billiton
- Professor Kaye Stacey – The University of Melbourne, Department of Science and Mathematics Education
- Professor Ian Smith - Monash University, Department of Biochemistry and Molecular Biology
- Mr Terry Dyson - Department of Innovation Industry and Regional Development

#### ***Date and time***

Tuesday, 19 April 2005 from 2:00 – 5:00 pm

#### ***Venue***

Alan Gilbert Building, 161 Barry Street, Carlton, Victoria

#### ***Registration***

Registration is necessary: ARMS members: \$40 / Non-members: \$60

#### ***Further information and registration form***

[www.researchadmin.org.au/chapters/vic/VICAPR05INF.doc](http://www.researchadmin.org.au/chapters/vic/VICAPR05INF.doc)

#### **4. RMIT Business Lecture: Professor Andrew Holmes**

Inaugural Victorian Endowment for Science, Knowledge & Innovation (VESKI) Fellow Professor Andrew Holmes will outline his journey from the discovery of light emitting polymers (plastics) in Cambridge in 1989 through the evolution of early patent filing to the establishment of a start-up company, Cambridge Display Technology, launched on the NASDAQ in December 2004.

Professor Holmes will address what opportunities exist for such technology transfer in Australia in the 21st century and examine what the essential ingredients for such success might be. A light breakfast will be available.

##### ***Date and time***

Wednesday, 27 April 2005 from 7:15 – 9:00 am

##### ***Venue***

Ernst & Young, Level 33, 120 Collins Street, Melbourne, Victoria

##### ***RSVP***

Please RSVP by Wednesday, 20 April 2005 to [businessevents@rmit.edu.au](mailto:businessevents@rmit.edu.au) or register online at [www.rmit.edu.au/bus/lecture/](http://www.rmit.edu.au/bus/lecture/).

#### **5. Research Office 'What's coming up?' web page**

The Research Office maintains a page of upcoming news and events for researchers at [www.monash.edu.au/resgrant/general/latestnews/index.html](http://www.monash.edu.au/resgrant/general/latestnews/index.html)

### **PART C - FUNDING OPPORTUNITIES**

#### **6. Australian Research Council (ARC): Linkage Projects 2006**

The objectives of the ARC Linkage–Projects are to:

- Encourage and develop long-term strategic research alliances between higher education institutions and other organisations, including within industry in order to apply advanced knowledge to problems, or to provide opportunities to obtain national economic or social benefits.
- Enhance the scale and focus of research in Designated National Research Priorities and associated Priority Goals.
- Foster opportunities for postdoctoral researchers to pursue internationally competitive research in collaboration with industry, targeting those who have demonstrated a clear commitment to high quality research;
- Provide industry-oriented research training to prepare high-calibre postgraduate research students; and
- Produce a national pool of world-class researchers to meet the needs Australian industry.

##### ***Deadline for applications***

##### **Round 1**

- ~~Thursday, 24 March 2005~~: deadline for requests for eligibility and exemption with the ARC
- Friday, 22 April 2005: deadline for full applications with the Research Office
- Friday, 6 May 2005: deadline for full applications with the ARC

## **Round 2**

- Friday, 14 October 2005: deadline for requests for eligibility and exemption with the ARC
- Monday, 14 November 2005: deadline for full applications with the Research Office
- Friday, 25 November 2005: deadline for full applications with the ARC

### ***Further information***

<http://www.monash.edu.au/resgrant/grantinfo/arc/arclinkpr.html>

## **7. Australian Institute of Nuclear Science and Engineering (AINSE) Postgraduate Research Awards**

AINSE offers these awards for postgraduate students whose research projects are associated with nuclear science, or its applications, and require access to the unique national facilities at the Lucas Heights Science and Technology Centre.

### ***Benefits***

Supplement stipend of \$7500 per annum. The award also provides \$5500 per annum for costs involved in using the facilities and services at Lucas Heights. Certain travel and accommodation costs to enable students to work at Lucas Heights are also provided.

### ***Deadline for applications***

Friday, 15 April 2005 with AINSE

### ***Further information and application procedures***

[www.ainse.edu.au/01post.html](http://www.ainse.edu.au/01post.html)

## **8. Australian Institute of Nuclear Science and Engineering (AINSE) 2<sup>nd</sup> Round Neutron Scattering Awards**

Applications involving neutron scattering facilities are invited from university researchers in the fields, or applications, of nuclear science and associated technology. A research project of interest to the institute will usually require some use of the national facilities at the Lucas Heights Research Laboratories near Sydney, NSW.

Collaborative research programs are particularly encouraged in fields that are related to the research activities of the Australian Nuclear Science and Technology Organisation (ANSTO) at Lucas Heights.

### ***Benefits***

Assistance is available mainly in the form of awards enabling university researchers to meet costs associated with the use of facilities; travel to and from those facilities; and accommodation during periods of attachment. Requests for small items of equipment and materials may also be considered.

### ***Deadline for applications***

Friday, 15 April 2005 with AINSE

### ***Further information and application procedures***

[www.ansto.gov.au/ainse/2005grant/n2awards.html](http://www.ansto.gov.au/ainse/2005grant/n2awards.html)

## 9. Plant Nutrition Trust Awards 2005

The scheme has been established to encourage and promote research and technology transfer in the mineral nutrition of plants, soil fertility and fertiliser and soil amendment technology, and includes areas where these impinge on other fields such as plant breeding.

The Trust invites applications for awards to assist in carrying out a study tour or to attend a conference or such other activity related to the stated objectives. In making an award, an applicant's scholastic achievement and recent contribution to industry, research or technology transfer and their potential for future contribution will be considered. The Amount of each award will depend on circumstances, but is likely to be under \$2000.

In 2004 there are to be two categories of awards are offered:

- **Alf Anderson Award:** applicants should be actively involved in work in any of the areas of plant nutrition mentioned above
- **Sam Tisdale Award:** applications should have a strong emphasis on sulfur nutrition of plants

Applicants must be Australian citizens or permanent residents based in Australia, except that for the Sam Tisdale Award, Australian citizens may sponsor candidates from Asia and the south west Pacific region.

### ***Deadline for applications***

Friday, 15 April 2005 with the Plant Nutrition Trust

### ***Further information and application form***

Dr Peter Randall

CSIRO Plant Industry

Telephone: (02) 6246 5119

Email: [Peter.Randall@csiro.au](mailto:Peter.Randall@csiro.au)

## 10. Department of Sustainability and Environment Doctoral Research Projects

The Department of Sustainability and Environment as part its plan 'Our Water Our Future' for sustainable water management in Victoria, has invited Monash University to nominate Doctoral Research Projects for PhD Scholarships commencing in 2006.

At this stage of the process, universities should nominate only the potential supervisor(s) and the proposed project/s, not a particular doctoral candidate, in the following five research areas:

- urban water management;
- rural water issues;
- river health;
- water resource systems; and
- the inter-relationship between water and the community.

### ***Eligibility***

The scholarships will be available to PhD students who are permanent residents or citizens of Australia and preference will be given to Victorian candidates. Multidisciplinary proposals with two supervisors across two faculties are welcome.

### **Benefits**

The scholarships provide each successful university with a total of \$110,000 (GST exclusive) as a one-off payment with no possibility of additional funds. Additional expenses are the responsibility of the university or of the candidate. This funding is to be distributed by the university to provide a stipend for the successful doctoral candidate and to cover operating costs of the project. The award will be made available for up to three year and one half years with no opportunity for extension of funding and the doctoral thesis should be submitted for examination within this timeframe.

### **Deadline for applications**

Monday, 18 April 2005 with the Research Office

### **Further information**

[www.monash.edu.au/resgrant/grantinfo/digest/grants/dsewaterpd.htm](http://www.monash.edu.au/resgrant/grantinfo/digest/grants/dsewaterpd.htm)

## **11. Monash North America – Research and Travel Grants**

The Monash University North America Steering Group is offering support in the following areas:

- Collaborative research funding
- Academic staff travel grants
- Monash North America fellowships
- Postgraduate travel grants

### **1. Collaborative research funding**

The North America Steering Group has set aside AU\$120,000 in 2005 to support major collaborative research projects between Monash and North American universities.

Proposals must:

- Strengthen cooperative links with partner institutions on an ongoing basis and/or draw upon North American sources of research funding ie. NIH, NSF, NOAA;
- Involve collaboration with one or more North American institutions. Priority will be given to projects involving current or proposed Preferred Partners; however, meritorious projects which may lead to the development of a broad research-focussed partnership with another distinguished North American university will also be considered; and
- Assist in raising the research profile of Monash University within North America

### **Deadline for proposals**

Friday, 29 April 2005 (email to Ms Helen Fletcher-Kennedy at [Helen.Fletcher-Kennedy@monint.monash.edu](mailto:Helen.Fletcher-Kennedy@monint.monash.edu))

### **Further information**

[www.monash.edu.au/international/oid/matw/nam-restravgrants.html](http://www.monash.edu.au/international/oid/matw/nam-restravgrants.html)

### **2. Academic staff travel grants**

Limited funding is available to provide top-up travel funds to support academic staff travelling to North America, as part of an OSP program or to attend a conference, to enable a visit to one or more partner or potential partner institutions, with the explicit aim of developing new or strengthening existing relationships.

***Deadline for applications***

Friday, 29 April 2005 (email to Ms Helen Fletcher-Kennedy at [Helen.Fletcher-Kennedy@monint.monash.edu](mailto:Helen.Fletcher-Kennedy@monint.monash.edu))

***Further information***

[www.monash.edu.au/international/oid/matw/nam-restravgrants.html](http://www.monash.edu.au/international/oid/matw/nam-restravgrants.html)

**3. Monash North America fellowships**

Funding is available for four fellowships of up to AU\$12000 in 2005.

***Deadline for applications / further information***

Open – see [www.monash.edu.au/international/oid/matw/nam-fellowships.html](http://www.monash.edu.au/international/oid/matw/nam-fellowships.html)

**4. Postgraduate travel grants**

Five awards of AU\$3000 are available to assist currently enrolled, Monash postgraduate research students to work with researchers at any of the Monash partner or potential partner institutions in North America.

Students must have a recommendation from their supervisor to be eligible.

**12. Rolex Awards for Enterprise 2006**

Australian applications for the Rolex Awards for Enterprise 2006 are open. This is a worldwide philanthropic program that recognises the spirit of enterprise in visionary individuals, providing financial support and recognition for projects that advance human knowledge and well-being.

The Awards are presented every two years in five areas:

- Science and Medicine;
- Technology and Innovation;
- Exploration and Discovery;
- The Environment; and
- Cultural Heritage.

A project may be submitted in almost any field of endeavour, provided it contributes to the betterment of humankind. Anyone of any age, from any country is eligible to apply.

***Further information, guidelines, and application form***

[www.rolexawards.com](http://www.rolexawards.com)

***Deadline for applications***

Tuesday, 31 May 2005 with the Secretariat, Rolex Awards for Enterprise

### **13. Australian Academy of Science: International Scientific Collaborations Program - Scientific Visits to Europe, North America and North East Asia**

The Australian Academy of Science is inviting applications from professional scientists to visit Europe, North America (USA, Canada and Mexico), and North East Asia (China, Japan, Korea and Taiwan), between 1 July 2006 and 30 June 2007 to collaborate with researchers in those countries. Proposals in any field of natural science, basic and applied, including mathematics and engineering science, will be considered.

#### ***Deadline for applications***

Thursday, 16 June 2005 with the Research Office

#### ***Further information***

[www.monash.edu.au/resgrant/grantinfo/digest/awardfel/aasscivisits.html](http://www.monash.edu.au/resgrant/grantinfo/digest/awardfel/aasscivisits.html)

### **14. Research Office funding opportunities web page**

The Research Office maintains monthly lists of research grant funding opportunities on its website at [www.monash.edu.au/resgrant/grantinfo/digest/indexes/rgmonth.html](http://www.monash.edu.au/resgrant/grantinfo/digest/indexes/rgmonth.html)

## **PART D –AWARDS AND PRIZES**

(No entries.)

## **PART E –DATES AND DEADLINES**

### **April 2005**

#### **Friday, 15 April 2005**

- Deadline for applications for Plant Nutrition Trust Awards 2005 [item 9]
- Australian Institute of Nuclear Science and Engineering (AINSE) Postgraduate Research Awards [item 7]
- Australian Institute of Nuclear Science and Engineering (AINSE) 2nd Round Neutron Scattering Awards [item 8]

#### **Monday, 18 April 2005**

- Deadline for applications for Department of Sustainability and Environment Doctoral Research Projects [item 10]

#### **Tuesday, 19 April 2005**

- Australasian Research Management Society (ARMS) event: "Connecting with Industry" [item 2]

#### **Friday, 22 April 2005**

- Australian Research Council (ARC): Linkage Projects 2006 (round 1 of 2005): deadline for full applications with the Research Office [item 6]

#### **Wednesday, 27 April 2005**

- RMIT Business Lecture: Professor Andrew Holmes [item 4]

#### **Friday, 29 April 2005**

- Deadline for applications for Monash North America – Research and Travel Grants [item 11]

### **May 2005**

#### **Friday, 6 May 2005**

- Australian Research Council (ARC): Linkage Projects 2006 (Round 1 of 2005): deadline for full applications with the ARC [item 6]

#### **Tuesday, 31 May 2005**

- Deadline for applications for Rolex Awards for Enterprise 2006 [item 12]

### **June 2005**

#### **Thursday, 16 June 2005**

- Deadline for applications for Australian Academy of Science: International Scientific Collaborations Program - Scientific Visits to Europe, North America and North East Asia [item 13]

### **July 2005**

(No entries.)

## **August 2005**

(No entries.)

## **September 2005**

(No entries.)

## **October 2005**

### **Friday, 14 October 2005**

- Australian Research Council (ARC): Linkage Projects 2006 (Round 2 of 2005): deadline for requests for eligibility and exemption with the ARC [item 6]

## **November 2005**

### **Monday, 14 November 2005**

- Australian Research Council (ARC): Linkage Projects 2006 (round 2 of 2005): deadline for full applications with the Research Office [item 6]

### **Friday, 25 November 2005**

- Australian Research Council (ARC): Linkage Projects 2006 (Round 2 of 2005): deadline for full applications with the ARC [item 6]

## **December 2005**

(No entries.)