

# FACULTY OF SCIENCE EMAIL BULLETIN FOR RESEARCH STAFF

**Bulletin 4/2004**  
(24 March 2004)

## 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 links to further information.

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## Part A – News and events

1. 'Fresh Innovators' forum for early career innovators
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## Part A: News and events

### 1. 'Fresh Innovators' forum for early career innovators

Fresh Innovators is a new forum based on the success of Fresh Science (see <http://www.freshinnovators.org/>) and will give 16 early career innovators - people who have had an idea, made a discovery, or invented a device - an opportunity to present their work to the media, the public, and business and thereby gain national and international media exposure. Finalists will be flown to Sydney, given media and presentation training, and then for four days during the Australian Innovation Festival (3-16 May 2004) (see <http://www.swishgroup.com.au/aif/>) they will present to the media, students, the general public and relevant business and government communities. The organisers will pay for travel and accommodation costs.

#### ***Nominations***

Nominations are due to be called from around Australia later this month. Full details will be made available online at [www.freshinnovators.org/](http://www.freshinnovators.org/). It is anticipated that finalists will be chosen in April.

Interested persons should contact their head of school in the first instance or Professor Margaret Clayton (Associate Dean, Research).

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

[www.freshinnovators.org](http://www.freshinnovators.org)

### 2. Australian Academy of Science 'Science at the Shine Dome' event (5 - 7 May 2004)

The Australian Academy of Science is holding its annual three-day event, 'Science at the Shine Dome', in Canberra from Wednesday, 5 May 2004 to Friday, 7 May 2004. The activities are open to the research community.

As part of 'Science at the Shine Dome', the academy will be holding a special program for early-career researchers. Activities include the New Fellows Seminar, awards presentation, symposium ('A celebration of Australian science'), and a career development workshop with senior scientists.

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

[www.science.org.au/sats2004/](http://www.science.org.au/sats2004/)

### 3. International Collaborative Indigenous Health Research Partnership (ICIHRP) Grants

The Canadian Institutes of Health Research (CIHR), the National Health and Medical Research Council of Australia (NHMRC) and the Health Research Council of New Zealand (HRC) have entered into a new Tripartite Agreement that aims to recognise the disparity between the health of indigenous peoples and the health of the general population. Applicants will be asked to address health issues that are of a high priority to indigenous peoples through collaborations with the other countries involved with the Tripartite Agreement. Capability and capacity development will be a focus of this research opportunity with PhD candidates and community researchers engaged in cross-country placements. Further information in relation to the ICIHRP will be promulgated via the CIHR, NHMRC and HRC standard communication networks in June 2004.

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

[www.nhmrc.gov.au/funding/atsihr/intent.pdf](http://www.nhmrc.gov.au/funding/atsihr/intent.pdf)

#### **4. Research Grants and Ethics Branch (RGEb): 'What's coming up?' web page**

The Research Grants and Ethics Branch (RGEb) maintain 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 B – Grants and Fellowships opportunities**

#### **5. State Library of Victoria / Victoria Government Creative Fellowships 2004-2005**

The State Library of Victoria in association with the State Government is inviting applications for Creative Fellowships 2004-2005 for research projects in any area of the Library's collections.

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

Wednesday, 31 March 2004 with the State Library of Victoria

Applicants are requested to submit the original application (hard copy only) to the State Library of Victoria and to provide a copy to RGEb

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

[www.statelibrary.vic.gov.au/creativefellowships/index.html](http://www.statelibrary.vic.gov.au/creativefellowships/index.html)

#### **6. The Cancer Council Victoria: Postdoctoral Cancer Research Fellowships commencing mid-2004**

The Cancer Council Victoria invites applications for Postdoctoral Cancer Research Fellowships. The fellowships are provided as a way of providing research assistance to Victorian PhD candidates at the time of thesis submission. In applying, a strong case must be made to continue in the present project group for a further year. Two fellowships are offered in this round. The fellowships are for one year, and applicants must have submitted their PhD thesis between 1 October 2003 and 31 March 2004. The fellowship funding will be paid to the host institute at the NHMRC Personnel Support Package (PSP) Level 3 rate of \$58,500. The PSP amount covers all salary and salary on-costs as well as some additional support for minor operational maintenance.

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

Wednesday, 31 March 2004 at 5 pm with The Cancer Council Victoria

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

[www.cancervic.org.au/research](http://www.cancervic.org.au/research)

#### **7. Department of Education Science and Training (DEST) Innovation Access Program - International S &T: Joint Thematic Workshops with the European Union**

Applications are invited from Australian researchers for support of Joint Thematic Workshops with the European Union. The workshops should bring together Australian and European researchers enabling discussions on current research activities, future directions of research and reach agreement on joint projects that would lead to applications under the European Union Sixth Framework Programme.

Workshops should be linked to major conferences or activities, in either Australia or Europe, and encourage maximum participation of researchers (a minimum of 5 researchers from each side is required).

Priority will be given to proposals in the areas of Sustainable Transport & Energy, Environment, Sustainable Agriculture, Information Communications & Technology, Biotechnology and Nanotechnology.

Applications will be accepted from Australian private companies and organisations such as education institutions, Cooperative Research Centres (CRCs), industry groups and Commonwealth scientific agencies (eg, CSIRO). Consortia of these may also apply.

The Workshops must be held by May 2005. A maximum of \$50,000 is available per workshop. Support is in contributions towards travel costs and living expenses for participants plus venue hire and other administrative expenses. A total of two workshops will be supported in each financial year.

### ***Further information***

[https://sciencegrants.dest.gov.au/IAP/Pages/EU\\_Workshops.aspx](https://sciencegrants.dest.gov.au/IAP/Pages/EU_Workshops.aspx)

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

Wednesday, 31 March 2004 with DEST

## **8. ARC Linkage Projects for funding commencing in 2005 - Round 1**

The objectives of the ARC Linkage-Projects are to:

- encourage and develop long-term strategic research alliances between higher education institutions and industry in order to apply advanced
- knowledge to problems, or to provide opportunities to obtain national economic or social benefits;
- support collaborative research on issues of benefit to regional and rural communities;
- enhance the scale and focus of research in Designated National Research Priorities;
- 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 of Australian industry.

The Designated National Research Priorities and associated Priority Goals are:

1. An Environmentally Sustainable Australia;
2. Promoting and Maintaining Good Health;
3. Frontier Technologies for Building and Transforming Australian Industries; and
4. Safeguarding Australia.

Linkage-Project grants may be awarded for 1 - 5 years, the normal duration being 3 years. The minimum grant size is \$20,000 per annum and the maximum is \$500,000 per annum. Proposals must contain an industry contribution, in cash and/or in kind.

For 2005 the ARC will identify approximately 20% of available Linkage-Projects funding to support collaborative research on projects that are of benefit to rural or regional communities.

### ***Deadlines***

(a) Thursday, 8 April 2004 - deadline for GAMS record to be created

(b) Friday, 23 April 2004 - deadline for ONE paper copy of the completed application, including the form and additional text, with RGEB

(Once checked, the paper application this will be returned to the applicant for corrections, page numbering and copying.)

(c) Monday, 26 April 2004 - deadline for final copy to be forwarded to the Faculty of Science office for checking and signing by Professor Margaret Clayton

***Further information***

[www.monash.edu.au/resgrant/grantinfo/ARC/ARCsubmissionprocedures.html#linkage](http://www.monash.edu.au/resgrant/grantinfo/ARC/ARCsubmissionprocedures.html#linkage)

**9. Leukaemia Foundation of Victoria Research Grants for 2004**

The Leukaemia Foundation of Victoria is a not-for-profit organisation dedicated to finding a cure and caring for patients of all ages with leukaemia, lymphoma, myeloma and other related blood disorders and their families. This is achieved through the provision of medical facilities and equipment, accommodation, transport, support, education, research, and advocacy.

The foundation welcomes applications for its first round of Research Grants for 2004.

The grants provide financial support to appropriately qualified individuals of all involved medical and scientific disciplines or groups conducting clinical or translational research specific to leukaemia, lymphoma, myeloma and other related blood disorders. Applicants must demonstrate an enthusiasm to work towards eliminating leukaemia and related malignancies or improving clinical research and patient treatment.

***Deadline for applications***

Thursday, 8 April 2004 with the Leukaemia Foundation of Victoria

Applications will be considered on merit and assessed by the Leukaemia Foundation of Victoria's multidisciplinary Medical and Scientific Advisory Committee.

***Further information***

Ms Jane Goode

Leukaemia Foundation

Tel: (03) 9949 5802

Email: [jgoode@leukaemia.com](mailto:jgoode@leukaemia.com)

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

The Institute offers these awards for postgraduate candidates 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 or the other AINSE supported facilities at the University of Melbourne and Auckland and ARPANSA (Australian Radiation Protection and Nuclear Safety Agency). Research Supplements are the principal form of award and are offered to scholars who are (or will be) in receipt of an Australian Postgraduate Award (APA) or equivalent scholarship. The supplement stipend is \$7500 per annum and 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 awardees to work at Lucas Heights are also provided. 12 new scholarships will be offered in this round.

**Deadline for nominations**

Thursday, 15 April 2004 with AINSE

**Further information**

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

**11. AINSE (Australian Institute of Nuclear Science and Engineering) Neutron Scattering Awards - Round 2**

AINSE provides funds to assist researchers from member universities to gain access to ANSTO (Australian Nuclear Science and Technology Organisation) and other AINSE facilities. The Round 2 awards are for researchers who utilise neutron beams and will cover the six month period 1 July - 30 December 2004.

**Deadline for applications**

Thursday, 15 April 2004 (with AINSE; online application)

**Further information**

[www.ansto.gov.au/ainse/2004grant/grant.htm](http://www.ansto.gov.au/ainse/2004grant/grant.htm)

**12. 2004 Victoria Prize**

Each year the Victorian Government awards the prestigious Victoria Prize of \$50,000 to celebrate the excellence of Victoria's science, technology, and engineering achievements. Nominations are now open to individuals whose cutting-edge discovery or innovation has significantly advanced knowledge or has the clear potential to produce a commercial outcome or other benefit to the community. In association with the Victoria Prize, the Jack and Robert Smorgon Families Foundation will award the \$100,000 Anne and Eric Smorgon Memorial Award to a research institute supporting the work of the 2004 Victoria Prize winner.

**Deadline for applications**

Thursday, 15 April 2004 with the Department of Innovation, Industry and Regional Development

**Further information**

[www.innovation.vic.gov.au](http://www.innovation.vic.gov.au)

**13. 2004 Victoria Fellowships**

In 2004 the Victoria Government will award up to six Victoria Fellowships to encourage innovation and the commercial application of research among scientists and engineers in the early stages of their careers. The \$18,000 Fellowships enable researchers and innovators to undertake a short-term international study mission to further their research, pursue specialist training or develop a commercial idea. Applications are open to scientists, engineers and innovators working in industry as well as researchers and students.

2004 Victoria Fellows planning a study mission in France will also be eligible for a supplementary \$5000 AFAS FEAST-France Fellowship from the Australian French Association for Science and Technology and the Embassy of France.

**Deadline for applications**

Thursday, 15 April 2004 with the Department of Innovation, Industry and Regional Development

**Further information**

[www.innovation.vic.gov.au](http://www.innovation.vic.gov.au)

#### **14. The Cancer Council Australia: National (Multi-State) Research Project Grants**

The Cancer Council Australia is Australia's national non-government cancer control organisation. The organisation comprises the eight state and territory cancer organisations, working together to undertake and fund cancer research, prevent and control cancer, and provide information and support for people affected by cancer. The council is calling for applications that are either clinical trials or epidemiological studies involving patient or participant recruitment from at least two states.

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

Applications should be submitted to the Cancer Council of the state of residence of the first named Principal Investigator by Friday, 16 April 2004 at 5 pm. (Contact details for The Cancer Council Victoria are given below.)

Applications will be included in the National Ranking of Cancer Research Grants process. Separate funding offers will be issued by each participating state, with funding being administered by the Cancer Council in the home state of the first named Principal Investigator.

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

Ms Felicity Fairbairn  
Grants Officer, Research Management Unit  
The Cancer Council Victoria  
1 Rathdowne Street  
CARLTON VIC 3053  
Tel: (03) 9635 5101  
Email: [felicity.fairbairn@cancervic.org.au](mailto:felicity.fairbairn@cancervic.org.au)

#### **15. Plant Nutrition Trust Management - Alf Anderson Award and the Sam Tisdale Award**

The Plant Nutrition Trust 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, 30 April 2004 with CSIRO Plant Industry

### ***Further information***

Information and application forms can be obtained from:

Dr Peter Randall  
CSIRO Plant Industry  
GPO Box 1600  
CANBERRA ACT 2601

Tel: (02) 6246 5119

Fax: (02) 6246 5000

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

### **16. 2004 Australian Museum Eureka Prizes**

The Eureka Prizes are among Australia's premier science awards, rewarding excellence in Australian science and raising the profile of science in the community. A record 22 prizes worth \$220,000 will be awarded in 2004, including the following nine for a range of research activities.

- **Australian Catholic University Eureka Prize for Research in Ethics** (\$10,000) - for investigation of ethical issues (theoretical or practical) that contributes to the understanding and development of ethical standards;
- **Australian Skeptics Eureka Prize for Critical Thinking** (\$10,000) - for critical investigation of conventional wisdoms and/or beliefs that have no rational basis;
- **Botanic Gardens Trust Eureka Prize for Biodiversity Research** (\$10,000) - for innovative scientific research that makes an outstanding contribution to the conservation of Australia's biodiversity;
- **British Council Eureka Prize for Inspiring Science** (\$10,000) - for outstanding research, inventiveness, innovation or creativity by an Australian scientist between the age of 18-35 that has raised the profile of science, engineering, or technology;
- **GRDC Eureka Prize for Research to Improve the Environmental Sustainability of Graingrowing** (\$10,000) - for innovative grains research increasing the sustainability of the use of natural resources such as soil, species, or ecosystems;
- **Land and Water Australia Eureka Prize for Water Research** (\$10,000) - a new prize for innovative research that has made, or has the potential to make, an outstanding contribution to the protection, sustainable use and management of Australia's water resources and water-dependent ecosystems;
- **Royal Societies of Australia Eureka Prize for Interdisciplinary Scientific Research** (\$10,000) - for outstanding scientific research that involves the active collaboration and/or cooperation of scientists in two or more disciplines;
- **Sherman Eureka Prize for Environmental Research** (\$10,000) - for research leading to the resolution of an environmental problem or improvement in our natural environment;
- **University of New South Wales Eureka Prize for Scientific Research** (\$10,000) - for outstanding curiosity-driven scientific research, undertaken in Australia by an Australian scientist under the age of 40, judged to be under appreciated by the Australian public.

Readers are strongly encouraged to apply for these awards.

### ***Further information***

Please visit [www.amonline.net.au/eureka](http://www.amonline.net.au/eureka) or further information, including entry forms.

### ***Deadline for entries***

Friday, 14 May 2004 with the Australian Museum

## 17. Research Grants and Ethics Branch (RGEB): funding opportunities web page

The Research Grants and Ethics Branch (RGEB) maintains monthly lists of research grant funding opportunities on its website at <http://www.monash.edu.au/resgrant/grantinfo/digest/indexes/rgmonth.html>.

### Part C: Dates and deadlines

## 18. Summary of upcoming dates and deadlines

### Wednesday, 31 March 2004

- Deadline for applications for The Cancer Council Victoria: Postdoctoral Cancer Research Fellowships commencing mid-2004
- Deadline for applications for State Library of Victoria / Victoria Government Creative Fellowships 2004-2005
- Deadline for applications for Department of Education Science and Training (DEST) Innovation Access Program - International S &T: Joint Thematic Workshops with the European Union

### Thursday, 8 April 2004

- Deadline for GAMS record to be created for ARC Linkage Projects for funding commencing in 2005 - Round 1
- Deadline for applications for Leukaemia Foundation of Victoria Research Grants for 2004

### Thursday, 15 April 2004

- Deadline for applications for the 2004 Victoria Prize / 2004 Victoria Fellowships
- Deadline for applications for AINSE (Australian Institute of Nuclear Science and Engineering) Neutron Scattering Awards - Round 2
- Deadline for nominations for AINSE (Australian Institute of Nuclear Science and Engineering) Postgraduate Research Awards

### Friday, 16 April 2004

- Deadline for applications for The Cancer Council Australia: National (Multi-State) Research Project Grants

### Friday, 23 April 2004

- Deadline for completed applications for ARC Linkage Projects for funding commencing in 2005 - Round 1, including the form and additional text, with RGEB

### Monday, 26 April 2004

- Deadline for final applications for ARC Linkage Projects for funding commencing in 2005 - Round 1 with the Faculty of Science office

### Friday, 30 April 2004

- Deadline for applications for Plant Nutrition Trust Management - Alf Anderson Award and the Sam Tisdale Award

### Wednesday, 5 May 2004 - Friday, 7 May 2004

- Australian Academy of Science 'Science at the Shine Dome' event

### Friday, 14 May 2004

- Deadline for entries to 2004 Australian Museum Eureka Prizes

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