



Faculty of Science News Bulletin for Research Staff

Bulletin 07/2006

(12 April 2006)

www.sci.monash.edu.au/research/bulletin/

Items for inclusion in this bulletin

Please forward any items to Matt Randall (Manager.Research@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. Research Quality Framework (RQF): release of 'Final Advice Paper'

The Minister for Education, Science and Training, the Hon Julie Bishop MP, has released the 'Final Advice Paper' on the RQF, which is available from:

www.dest.gov.au/sectors/research_sector/policies_issues_reviews/key_issues/research_quality_framework/final_advice_on_preferred_rqf_model.htm

2. Second consultation draft of the Australian Code for the Responsible Conduct of Research

Monash has been invited to make a submission on the second consultation draft of the Australian Code for the Responsible Conduct of Research. The draft code can be found at www.nhmrc.gov.au/funding/policy/code.htm.

The draft code covers all research disciplines, general principles of responsible research, the management of research and research records, authorship and publication, supervisory responsibilities, conflicts of interest, collaborative research and research misconduct.

A university submission is being co-ordinated by the Office of the Deputy Vice-Chancellor (Research). If you wish to contribute to this submission, please forward comments to Ms Shae Cox (Shae.Cox@adm.monash.edu.au) by **Friday, 21 April 2006**.

3. Change of name for BTI (Australia)

The Travel Office advises the university's travel provider, BTI (Australia), has changed its name to HRG (Australia). For Monash clients this will mean business as usual as the same consultants servicing Monash will be available on the same phone numbers. The corporate agreement that Monash University had with BTI remains the same under HRG. Further information about the change to HRG is available at www.firm.monash.edu.au/travel/Advice/news/2006-02_HRG.html.

4. Research Office - News and Events

The Research Office maintains a page of news and events of interest to researchers at www.monash.edu.au/research/contacts/research-office/news-events.html.

PART B - EVENTS

5. Australian National Science Graduate Conference

The Australian National Science Graduate Conference brings together Australia's top science graduates and recent PhD students to present their current research results and future outlook of their research. The conference aims to facilitate awareness of current early research among Australia's future scientists, to provide a platform for establishing early networks among

upcoming scientists, to facilitate early cross disciplinary collaboration, to stimulate synergy and further innovation in current research efforts through exposure to new ideas, and to recognise some of the best research presented.

Distinguished Facilitators and Speakers will include:

- The Hon Julie Bishop MP
Minister for Education, Science and Training
- Dr William James Peacock, AC
The Chief Scientist of Australia

Dates

Friday, 26 May 2006 – Sunday, 28 May 2006

Venue

International College of Management, Sydney (ICMS)
Manly, NSW

Further information

www.apnf.org/ANSGC

6. Commercialisation Expo 2006

Commercialisation Expo 2006 will showcase Australia's research and development capabilities and commercialisation opportunities. It builds on the success of the inaugural event in March 2003, after which exhibited technologies attracted almost \$40 million in investment. It will feature:

- Expo Marketplace that showcases outstanding partnering, commercial and investment opportunities;
- **Peter Doherty Prize for Innovation worth \$100,000 plus other category prizes;**
- Commercialisation Conference presenting the views of renowned specialists in the field;
- Book of Ideas containing details of all new opportunities presented at the event; and
- Careers in Innovation Seminar.

Dates

Sunday, 18 June 2006 – Tuesday, 20 June 2006

Venue

Melbourne Exhibition and Convention Centre

Further information

www.expo2006.com.au/

7. 6th Australian Space Science Conference

The Australian Space Science Conference (ASSC) is the focus of scientific cooperation and discussion in Australia on research relating to space. It is a peer reviewed forum for space scientists, engineers, educators and industry. This conference will no doubt be of relevance to a very broad cross section of the space community, and should therefore generate an enlightening and timely exchange of ideas and perspectives.

Dates

Wednesday, 19 July 2006 – Friday, 21 July 2006

Venue

Canberra Hyatt hotel, Canberra, ACT

Further information

www.6assc.nssa.com.au

8. Research Office events, seminars and information sessions

The Research Office maintains a page of upcoming events for researchers at <http://monash.edu.au/research/contacts/research-office/news-events/index.html>

PART C - FUNDING OPPORTUNITIES

9. ARC Linkage – Projects: Round 1/2006 (for funding commencing in January 2007)

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:

- An Environmentally Sustainable Australia;
- Promoting and Maintaining Good Health;
- Frontier Technologies for Building and Transforming Australian Industries; and
- Safeguarding Australia.

Upcoming deadlines

- ~~Deadline for requests for eligibility exemptions
Friday, 17 March 2006~~
- ~~Deadline for draft applications to be submitted for review / comment by the Research Office
Monday, 10 April 2006~~
- Deadline for the complete application to be submitted to the Research Office
Wednesday, 19 April 2006

Further information

www.monash.edu.au/research/academics/funding/information/arc/arc-linkageprojects-round1.html

10. Ian Potter Foundation

The Ian Potter Foundation was established in 1964 and is one of Australia's largest private philanthropic foundations. The foundation makes grants for general charitable purposes in Australia, with interests in the arts, education, environment and conservation, health, social welfare, science and medical research. General grants and travel grants are available.

Deadline for applications

Thursday, 20 April 2006 with the Research Office

Further information

www.monash.edu.au/research/academics/funding/information/other/ian-potterfoundation-grants.html

11. AINSE Post Graduate Award 2006

The Australian Institute of Nuclear Science and Engineering (AINSE) offers awards to 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

Research Supplements of \$7500 per annum 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 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.

Candidates for the Research Supplement must be nominated by their school where the PhD enrolment is held or proposed for tenure commencing before 30 June 2005.

Deadline for applications

Friday, 14 April 2006 with AINSE (online)

Further information

www.ainse.edu.au/01post.html

12. Dairy Australia Innovation Fellowships (for science PhD students)

The Australian Dairy Industry invites applications for the inaugural Dairy Australia Innovation Fellowship to outstanding engineering and science PhD students who are passionate about dairy. The fellowship includes a two-year placement to carry out further research with a leading dairy manufacturer starting in July 2006. Applicants must be PhD students who will have completed their studies by 30 June 2006.

Deadline for applications

Friday, 14 April 2006 with Dairy Australia

Application and further information

www.dairyaustralia.com.au

13. Plant Nutrition Trust Management awards

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.

Two categories of awards are offered:

- **Alf Anderson Award:** for work in any of the areas of plant nutrition mentioned above; and
- **Sam Tisdale Award:** for work that has 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, 28 April 2006 with the Plant Nutrition Trust

Further information and application form

Dr Peter Randall
CSIRO Plant Industry
GPO Box 1600
CANBERRA ACT 2601
Email: Peter.Randall@csiro.au

14. CSIRO Flagship Visiting Fellowships

Commonwealth Scientific and Industrial Research Organisation (CSIRO) Flagship Visiting Fellowships are available for distinguished researchers to work for a period of time (generally up to six months) in a Flagship to enhance the intellectual leadership of a Flagship or a major component of a Flagship (for example, a Theme). It is expected that up to 10 Fellowships will be offered per semester.

Benefits

The Fellowships are valued at a maximum of \$100,000 and allow Australian based researchers to be seconded from their home organisation to enable them to undertake an agreed project under Flagships. The Fellowship may be used to fund a living allowance during the term of their Fellowship as well as economy class international air travel and minor operating costs.

Deadline for applications

Monday, 1 May 2006 with the Research Office

Further information

www.monash.edu.au/research/academics/funding/information/other/csiro-flagship-visiting-fellowships.html

15. Monash University and CSIRO Collaborative Research Support Scheme

Monash University and the Commonwealth Scientific and Industrial Research Organisation (CSIRO) have announce Round 3 of the Collaborative Research Support Scheme (CRSS) which is jointly funded by the two organisations.

Benefits

The scheme provides seed funding only, not full project support. It is expected that up to six awards of up to \$50,000 per annum will be made in 2006.

Eligibility criteria

- The research project must form part of a recognised or developing research collaboration between Monash University and CSIRO, building on synergies from co-location on the Clayton campus;
- Preference will be given to applications where at least one of the Principal Investigators from either Monash University or CSIRO has less than 10 years postdoctoral research experience;
- The relevance of the proposed research project to the organisations' jointly identified priority areas (currently health, manufacturing, water and energy); and
- multidisciplinary applications are encouraged.

Deadline for applications

Monday, 8 May 2006 with the Research Office

Further information

www.monash.edu.au/research/academics/funding/information/monash/monash-csiro.html

16. AINSE Postdoctoral Research Fellowship

The new OPAL research reactor at Lucas Heights is opening up new possibilities in neutron scattering research in Australia. You can be part of this exciting facility if who have between three and eight years post PhD experience to undertake research in areas of science and technology requiring the use the OPAL reactor by applying for an AINSE research fellowship.

The fellowships are offered at academic level B, indicative salary range \$79,000 – 81,000, for outstanding and enthusiastic scientists to undertake research in areas of science and

technology requiring the use of the OPAL reactor. Fellows will be expected to build a research group in one of the AINSE member universities and be attached to ANSTO for experiments on the new, state-of-the-art facilities on OPAL.

Applicants from a wide range of disciplines including chemistry, physics, molecular biology, biochemistry, medicine, materials science, environmental science and engineering are invited to apply. Prior to submitting an application you will need to liaise with a potential supervisor at an AINSE member university as well as a member of ANSTO's Bragg Institute.

AINSE Postdoctoral Research Fellowships are tenable at Monash University. Applicants are required to discuss their research program and an outline with the university.

Deadline for applications

Wednesday, 31 May 2006 with AINSE

Further information

www.ainse.edu.au/postdoc/postdocfellows.html

17. Commercialisation Expo 2006

Commercialisation Expo 2006 will showcase Australia's research and development capabilities and commercialisation opportunities. It builds on the success of the inaugural event in March 2003, after which exhibited technologies attracted almost \$40 million in investment. It will feature:

- Expo Marketplace that showcases outstanding partnering, commercial and investment opportunities;
- **Peter Doherty Prize for Innovation worth \$100,000 plus other category prizes;**
- Commercialisation Conference presenting the views of renowned specialists in the field;
- Book of Ideas containing details of all new opportunities presented at the event; and
- Careers in Innovation Seminar.

Dates

Sunday, 18 June 2006 – Tuesday, 20 June 2006

Venue

Melbourne Exhibition and Convention Centre

Further information

www.expo2006.com.au/

18. ARC Linkage – Projects: Round 2/2006 (for funding commencing in July 2007)

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:

- An Environmentally Sustainable Australia;
- Promoting and Maintaining Good Health;
- Frontier Technologies for Building and Transforming Australian Industries; and
- Safeguarding Australia.

Upcoming deadlines

Please note the following deadlines:

- Deadline for requests for eligibility exemptions
Friday, 6 October 2006
- Deadline for draft Applications to be submitted for review and comment by the Research Office
Monday, 6 November 2006
- Deadline for the complete application to be submitted to the Research Office
Monday, 13 November 2006

Further information

www.monash.edu.au/research/academics/funding/information/arc/arc-linkageprojects.html

PART D - AWARDS AND PRIZES

19. Fresh Innovators 2006

The Fresh Innovators competition aims to bring the passion and achievements of early career Australian innovators to a broad Australian audience – the mass media, students, industry and the general public. It helps early career innovators develop expertise in presenting their ideas clearly to a general audience and to the media. At the same time it assists the media in identifying and publishing accurate innovation stories and helps to demonstrate the economic benefits of innovation, entrepreneurship and commercialisation. The successful finalists are likely to get wide media exposure.

Preference will be given to innovators in the early stages of their career and without an established media profile. For researchers, this would normally mean within 5 years of their PhD. There is no age limit – the emphasis is early career.

Deadline for nominations

Tuesday, 18 April 2006 with Fresh Innovators

Further information

www.freshinnovators.org/

20. 2006 Australian Museum Eureka Prizes

The 2006 Australian Museum Eureka Prizes are now open with 10 prizes to reward outstanding Australian research. The prizes cover many areas of science including leadership in science, medical research and research which minimises the use of animals or animal products. The 2006 Australian Museum Eureka Prizes offers awards in 4 categories:

- Research;
- Leadership and Innovation;
- Education; and
- Science Communication.

Most prizes carry a cash reward of \$10,000. The Macquarie University Eureka Schools Prize for Earth, Environmental and Planetary Science and the University of Sydney Sleek Geeks Science Eureka Schools Prize also include computer software and book vouchers as prizes. The British Council Eureka Prize for Innovation and Leadership in Environmental Science involves travel, accommodation and program assistance for a study tour to the UK to the value of \$10,000.

Winners will be announced at a gala award dinner in Sydney on Tuesday, 22 August 2006.

Deadline for nominations

Friday, 5 May 2006 with the Australian Museum

Online entry form and further information

www.amonline.net.au/eureka/

21. 2006 Prime Minister's Prizes for Science

Nominations are being sought for the following five prestigious awards:

- Prime Minister's Prize for Science (\$300,000)
- Science Minister's Prize for Life Scientist of the Year (\$50,000)
- Malcolm McIntosh Prize for Physical Scientist of the Year (\$50,000)
- Prime Minister's Prize for Excellence in Science Teaching in Primary Schools (\$50,000)
- Prime Minister's Prize for Excellence in Science Teaching in Secondary Schools (\$50,000)

Deadline for nominations

Friday, 19 May 2006 with the Department of Education, Science and Training (DEST)

Further information

<https://sciencegrants.dest.gov.au/scienceprize/pages/home.aspx>

22. The Royal Society of Victoria Postgraduate Student Prizes

The Royal Society of Victoria has established two prestigious postgraduate student prizes open to postgraduates in all areas of biological and physical sciences. This will give students further experience in presenting information to an audience of scientists and the general public on their particular research field. Students will also have the opportunity to receive mentoring in their chosen field by senior scientists who are members of the Society.

Benefits

A certificate and \$500.

Eligibility

The awards are open to students in their second or third year of candidature at the time of application. Judges will select a shortlist of three candidates in each of Biological Sciences and Physical Sciences. Applicants must be members of the Royal Society of Victoria.

Application process

Applicants must submit an extended abstract and application form by the deadline. Each of the shortlisted candidates will give an oral presentation (15 minutes plus 5 minutes discussion) before a general audience at The Royal Society of Victoria on Tuesday, 15 August 2006 at 6:00 pm. Winners will be announced on the night.

Applicants must be members of The Royal Society of Victoria.

Deadline for nominations

Wednesday, 31 May 2006 with The Royal Society of Victoria

Further information

Ms Camilla van Megen
Executive Officer, The Royal Society of Victoria
rsv@sciencevictoria.org.au

PART E – DATES AND DEADLINES

April 2006

Friday, 14 April 2006

- Deadline for applications for Australian Institute of Nuclear Science and Engineering (AINSE) Post Graduate Award 2006 [item 11]
- Deadline for applications for Dairy Australia Innovation Fellowships (for science PhD students) [item 12]

Tuesday, 18 April 2006

- Deadline for nominations for Fresh Innovators 2006 [item 19]

Wednesday, 19 April 2006

- Deadline for complete applications for ARC Linkage – Projects: Round 1/2006 to be submitted to the Research Office [item 9]

Thursday, 20 April 2006

- Deadline for applications for the Ian Potter Foundation (item 10)

Friday, 28 April 2006

- Deadline for applications for Plant Nutrition Trust Management awards [item 13]

May 2006

Monday, 1 May 2006

- Deadline for applications for Commonwealth Scientific and Industrial Research Organisation (CSIRO) Flagship Visiting Fellowships [item 14]

Friday, 5 May 2006

- Deadline for applications for 2006 Australian Museum Eureka Prizes [Item 20]

Monday, 8 May 2006

- Deadline for applications for Monash University and CSIRO Collaborative Research Support Scheme [item 15]

Friday, 19 May 2006

- Deadline for nominations for the 2006 Prime Minister's Prizes for Science [item 21]

Friday, 26 May 2006 – Sunday, 28 May 2006

- Australian National Science Graduate Conference [item 5]

Wednesday, 31 May 2006

- Deadline for applications for Australian Institute of Nuclear Science and Engineering (AINSE) Postdoctoral Research Fellowship [item 16]
- Deadline for applications for The Royal Society of Victoria Postgraduate Student Prizes [item 22]

June 2006

Sunday, 18 June 2006 – Tuesday, 20 June 2006

- Commercialisation Expo 2006 [items 6 and 17]

July 2006

Wednesday, 19 July 2006 – Friday, 21 July 2006

- 6th Australian Space Science Conference [item 7]

August 2006

(No entries)

September 2006

(No entries)

October 2006

Friday, 6 October 2006

- Deadline for requests for eligibility exemptions for ARC Linkage – Projects: Round 2/2006 [item 18]

November 2006

Monday, 6 November 2006

- Deadline for draft Applications to be submitted for review and comment by the Research Office for ARC Linkage – Projects: Round 2/2006 [see item 18]

Monday, 13 November 2006

- Deadline for complete applications for ARC Linkage – Projects: Round 2/2006 to be submitted to the Research Office [item 18]

December 2006

(No entries)