



Faculty of Science News Bulletin for Research Staff

Bulletin 04/2005

(2 March 2005)

www.sci.monash.edu.au/staff/research/index.html

Items for inclusion in this bulletin

Please forward any items to Matt Randall (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.

Table of contents

PART A – NEWS	2
1. Research Office Presence at Caulfield Campus.....	2
2. Special Research Initiatives for e-Research Support	2
PART B - EVENTS	2
3. Opportunities for Australian universities through the Fulbright Program	2
4. Transport Research at Monash (TR@M) Workshop	3
5. Research Office 'What's coming up?' web page.....	4
PART C - FUNDING OPPORTUNITIES	4
6. ARC Linkage-International Fellowships (for 2006).....	4
7. Special Research Initiatives for e-Research Support	4
8. Monash University - CSIRO: Collaborative Research Support Scheme	5
9. ARC Linkage—Infrastructure Equipment and Facilities (LIEF) 2006.....	5
10. Monash-King's Conference Grants	6
11. Human Frontier Science Program (HFSP).....	6
12. Fresh Innovators: call for nominations now open.....	7
13. The Cancer Council Victoria: Postdoctoral Cancer Research Fellowships Commencing Mid 2005	8
14. Australian Flora Foundation (AFF): Research Grants	8
15. Victoria Prize and Fellowships 2005	9
16. Australian Research Council (ARC): Linkage Projects 2006	9
17. Rolex Awards for Enterprise 2006.....	10
18. Research Office funding opportunities web page	10
PART D –DATES AND DEADLINES	11

PART A – NEWS

1. Research Office Presence at Caulfield Campus

The Research Office is establishing a presence at the Caulfield Campus on a weekly basis, in Building A, Level 1, Room 19 (A1.19).

Every Wednesday afternoon from 2 pm, two staff members from the Research Office (on rotational roster) will be available to assist you in matters pertaining to Research, including:

- How to get an ARC grant
- How to get a NHMRC grant
- How to get state or international funding
- Human Ethics obligations
- Animal Ethics obligations
- Monash University Research Data (MURD) - including weekly on-site support for the ResearchMaster database

2. Special Research Initiatives for e-Research Support

The Australian Research Council (ARC) is inviting applications under the Special Research Initiatives for e-Research Support for funding to commence in 2005. This scheme aims to foster both new and existing collaborative efforts across disciplines and institutions for the open exchange of information and sharing of resources, making better use of existing information and communications technology (ICT) infrastructure.

→ Please see **item 7** in this bulletin for further information.

PART B - EVENTS

3. Opportunities for Australian universities through the Fulbright Program

The Monash Research Graduate School (MRGS) invites interested persons to attend an information session on the Fulbright Program, details for which are given below.

Date and time

Wednesday, 9 March 2005 from 10:00 – 11:00 am

Venue

Lounge area, Monash Research Graduate Centre, building 3E, Clayton campus

Registration

Email Mr David Bell at david.bell@adm.monash.edu

Please note that bookings are essential.

About the Fulbright Program

Established in 1946 the prestigious Fulbright Program is the largest educational scholarship program of its kind in the world and now exists between the United States and 140 other countries throughout the world.

Over its fifty year history the Australian-American Fulbright Program has awarded scholarships to over 2,500 Australians and 1,800 Americans to study, research and travel in the respective countries. The Fulbright Program is supported by the Australian and United States governments and a select range of corporate sponsors.

Types of scholarships

Fulbright scholarships are annually awarded to Australian Postgraduate Students, Postdoctoral Fellows, Senior Scholars (4-6 months) and Professionals (3-4 months). American Postgraduate Students and Senior Scholars are also awarded Fulbright scholarships to study or research in Australia. Awards range in value from \$A15,000 – 40,000.

Building US university links through the Fulbright Program

Australian institutions are encouraged to be proactive in building, or enhancing their strategic links with United States institutions through Fulbright scholarships, identifying Australian and US students or scholars to apply for Fulbright Awards. A number of other Fulbright initiatives can also assist in enhancing these links.

Alternative Fulbright Awards

A range of other Fulbright Award also provide unique opportunities including:

- **US Fulbright Senior Specialist Program** – supports Australian educational institutions in bringing US Senior Specialists to Australia for two to six week periods to collaborate on curriculum and faculty development, institutional planning and a variety of other activities. Applications close September / October each year for the following year.
- **Fulbright Symposium** – provides a grant of \$A20,000 to an Australian institution to host a symposium on a topic of bi-national relevance. Applications close 30 July each year for the following year.
- **Fulbright New Century Scholar Awards** - annually bring together 25-30 outstanding international and US research scholars and professionals to engage in multidisciplinary collaboration on a topic of global significance. The 2005 topic is “Higher Education in the 21st Century: Global Challenge and National Responsibility”. Applications for the 2005 Award closed in November 2004.

Further information and application forms

www.fulbright.com.au

4. Transport Research at Monash (TR@M) Workshop

Does your research have relevance to the movement of people or freight? If so the TR@M workshop could be of value to you.

The TR@M workshop aims to stimulate multidisciplinary transport research at Monash University and build on the wide range of research interests spread across all faculties that are of relevance to the transport sector. Guest speakers will include the Vice-Chancellor, Professor Richard Larkins; Deputy Vice-Chancellor (Research) Professor Edwina Cornish; Ms Gwyn Morgan (Research Office) and external speakers addressing opportunities for multidisciplinary research in transport.

Dates

Thursday, 31 March 2005 and Friday, 1 April 2005

Much of the first day will be devoted to brief presentations from Monash researchers while the second day will examine how multidisciplinary transport research could be fostered at Monash University through the development of a transport research network. Researchers from all faculties who have interests related to transport are encouraged to attend and participate.

Venue

Bayview Conference Centre, Clayton

Registration and further information

<http://civil.eng.monash.edu.au/its/confswshops/tram>

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

PART C - FUNDING OPPORTUNITIES

6. ARC Linkage-International Fellowships (for 2006)

The ARC Linkage-International Programme provides funds under international agreements for the reciprocal exchange of researchers between Australian research institutions and centres of research excellence overseas and by funding extended collaborations.

Deadline for applications

- **Fellows:** Tuesday, 8 March 2005 with the Research Office
- **Awards** (submitted in 2005): Year round applications accepted

Further information and guidelines

www.monash.edu.au/resgrant/grantinfo/arc/arlinkint.html

7. Special Research Initiatives for e-Research Support

The Australian Research Council (ARC) is inviting applications under the Special Research Initiatives for e-Research Support for funding to commence in 2005. This scheme aims to foster both new and existing collaborative efforts across disciplines and institutions for the open exchange of information and sharing of resources, making better use of existing ICT infrastructure.

Deadline for applications

Monday, 14 March 2005 with the Research Office

Further information

<http://www.monash.edu.au/resgrant/grantinfo/arc/e-research.html>

8. Monash University - CSIRO: Collaborative Research Support Scheme

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

The research project must be of high quality and form part of a recognised or developing research collaboration between Monash University and CSIRO. 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. Multidisciplinary applications are encouraged. The scheme provides seed funding only, not full project support.

Benefits

It is expected that up to six (6) awards of up to \$50,000 per annum will be made in 2005.

Deadline for applications

Monday, 14 March 2005 with the Faculty of Science office

Further information

<http://www.monash.edu.au/resgrant/grantinfo/monash/monash-csiro.html>

9. ARC Linkage—Infrastructure Equipment and Facilities (LIEF) 2006

Official guidelines are not yet available, but the Research Office has advised that the application process is likely to be as follows:

- STAGE 1 (deadline: **Friday, 18 March 2005**)
Intending applicants are asked to submit written Expressions of Interest (Eol) to the Research Office. At this stage, there is no commitment to supporting any Eol.
- STAGE 2 (deadline: **Thursday, 31 March 2005**)
Deputy and Pro Vice-Chancellors (Research) review the combined Victorian universities' Eols and determine which should go forward.
- STAGE 3 (deadline: **Friday, 8 April 2005; Friday, 22 April 2005**)
Intending applicants who have successfully progressed to Stage 3 are notified by the RO via a certification form by 8 April 2005. The certification form must then be returned to the RO by 22 April 2005 with authorisation from the head of school and the Associate Dean, Research (ADR). This document is the record of the University's commitment to the project, and will be approved by the DVC (Research).
- STAGE 4 (deadline: to be advised, but **early-mid May**)
Final applications are prepared and sent through the RO to the ARC. The final dates for this last stage will be notified as soon as they are known.

Provisional deadline for Expressions of Interest

Friday, 18 March 2005 with the Research Office (copy to the Faculty of Science office)

Further information

Further information will be forwarded to schools as soon as it is made available

10. Monash-King's Conference Grants

The Monash vice-chancellor and principal of King's College London have committed funds of \$125,000 and £50,000, respectively, to support five joint conferences over five years. Four of these will be at the Monash Prato Centre in Italy and one at the Monash South African campus in Johannesburg. Departments and schools at King's and Monash are invited to submit joint proposals for a conference in 2006.

Further information, guidelines and application form

<http://www.monash.ac.uk/conferences/kcl-monash-conference-series-grants.html>

Deadline for applications

Friday, 18 March 2005 to the Monash University London Centre (monash@kcl.ac.uk).

11. Human Frontier Science Program (HFSP)

The HFSP supports international collaborations in basic research focused on complex mechanisms of living organisms. The NHMRC will contribute approximately \$670,000 in 2004/05 to support HFSP programs with annual budget of about \$70 million.

Particular emphasis is placed on:

- bringing scientists together from a range of fields such as physics, mathematics, chemistry, computer science, bioinformatics, nanoscience and engineering together with biologists; and
- supporting novel, innovative and interdisciplinary approaches to understanding complex biological systems; and supporting scientists early in their careers.

There is a current call for Research grants and two types are available:

Young Investigators' Grants - for teams of scientists who are all within 5 years of establishing an independent laboratory and within 10 years of obtaining their PhDs.

Program Grants - for independent scientists at all stages of their careers, although the participation of younger scientists is especially encouraged.

Please note that Australian researchers can apply as Principal Applicants on Research Grants under this Program as of 2005.

Deadline to register for a password

Monday, 21 March 2005

Deadline for Letter of Intent

Thursday, 31 March 2005

Further information

<http://www.nhmrc.gov.au/research/general/hfsp.htm>

<http://www.hfsp.org/home.php>

12. Fresh Innovators: call for nominations now open

Fresh Innovators is a national competition to select 16 early-career entrepreneurs to present their work in Sydney during the Innovation Festival in April to audiences including the media, business groups, students and the general public.

Why nominate for Fresh Innovators?

Fresh Innovators offers the potential for wide media exposure for the work of your organisation. The scheme also encourages and recognises the best young innovators and entrepreneurs from the fields of science, technology and engineering. It allows them to develop expertise in presenting their ideas clearly to a general audience and to the media. The innovator judged by the organisers to have most successfully met the aims of "Fresh Innovators" will receive a study tour to the UK courtesy of and coordinated by the British Council.

What will it involve?

The 16 successful nominees will:

- present their innovation to audiences including the press, students, the public and relevant businesses and government bodies in Sydney during the Innovation Festival;
- have access to experienced science communicators to advise on their presentation and media release;
- undertake a media conference and further media interviews;
- swap ideas with other participants, and attend the Fresh Innovators dinner; and
- participate in a one day media training course and in a debriefing workshop where they will have the opportunity to review the media reports of their work.

Travel and accommodation will be provided for participants from outside Sydney.

Selection criteria

- The innovation must have been developed in Australia or by an Australian;
- Applicants must include references demonstrating the utility of the innovation and evidence that it is functional and on the track to making a difference in business or in the community;
- The applicant and innovation must not have had significant media coverage;
- Applicants must demonstrate their capacity to liaise with commercial partners and other end users;
- Applicants must demonstrate their ability to present the innovation to a lay audience in an informative, interesting and easily visual way;
- The innovation must be cleared for presentation to the public and the media; and
- Applicants must be willing to give talks upon their return home from the Fresh Innovators program.

Research teams may nominate, but a single person who has played a substantial role in the research must be named as spokesperson. Only he or she will be invited to present the work.

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 the award of their PhD.)

Deadline for nominations

Monday, 21 March 2005 with Fresh Innovators

Further information and application form

<http://www.freshinnovators.org>

13. The Cancer Council Victoria: Postdoctoral Cancer Research Fellowships Commencing Mid 2005

The Cancer Council Victoria is offering two fellowships as a way of providing research assistance to Victorian PhD students at the time of thesis submission. A strong case must be made to continue in the present project group for a further year.

Benefits

The fellowships are offered for one year, and will be paid to the host institute at the NHMRC Personnel Support Package (PSP) Level 3 rate of \$61,000 per annum. The PSP covers all salary and salary on-costs (for example, payroll tax, worker's compensation, leave loading, compulsory and contributory superannuation) as well as some additional support for minor operational maintenance, such as postage, phone / fax, printing, stationery, and computer hardware.

Eligibility

Applicants must have submitted their thesis between 1 October 2004 and 31 March 2005

Deadline for applications

Monday, 4 April 2005 (5:00 pm) with the Cancer Council Victoria

Further information, guidelines and application form

www.cancervic.org.au/cancer1/sub_research.htm

14. Australian Flora Foundation (AFF): Research Grants

The Australian Flora Foundation (AFF) is inviting applications for grants to support original scientific research on the biology and cultivation of Australian plants, commencing from December 2005. The Foundation expects to support between two (2) and four (4) projects at \$5,000 - \$12,000 each in 2006 with possible extension into 2007.

The AFF will consider all relevant applications, with special interest in the following categories:

General

- Conservation of Australian plant diversity;
- Plant species with potential for cultivation;
- Cultivation of Australian plants; and
- Rare and endangered plants.

Targeted areas

- Projects that address aspects of dryland salinity or mycorrhizal associations of WA *Fabaceae*.

Deadline for Expressions of Interest (EOI)

Monday, 4 April 2005 with the Australian Flora Foundation (AFF). Full Applications are due by mid June 2005.

Full applications will be invited from those which best fit the AFF criteria. An EOI is to be submitted electronically as an email attachment to richard.williams@uq.edu.au.

Further information, guidelines and application form

<http://www.monash.edu.au/resgrant/grantinfo/digest/grants/ausffrg.html>

15. Victoria Prize and Fellowships 2005

Do you know of a Victorian leading scientist, engineer or innovator whose work deserves rewarding? Are you a young scientist, engineer or innovator working in research? Need to advance your ideas and contacts?

The Victorian Government's annual prestigious Victoria Prize and Fellowships are now open.

Totalling over \$250,000, the Victoria Prize and Fellowships are one of Australia's most valuable innovation awards and are designed to reward excellence and encourage research, development and commercialisation.

Eligibility

Applications are open to any young researcher working in private enterprise or research institutions.

About the awards and fellowships

- \$50,000 Victoria Prizes: for a leading scientist or engineer whose groundbreaking discovery or innovation is advancing knowledge and has the clear potential to be commercialised.
- \$18,000 Victoria Fellowships: to enable young researchers and innovators to travel overseas on a short-term study mission to pursue specialist training or to develop a commercial idea.

Deadline for applications

Thursday, 7 April 2005 with the Department of Innovation, Industry and Regional Development. It is anticipated that the winners will be publicly announced in August 2005.

Further information, guidelines and application form

www.innovation.vic.gov.au

16. 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>

17. 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

Deadline for applications

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

18. 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/rqmonth.html

PART D –DATES AND DEADLINES

March 2005

Tuesday, 8 March 2005

- Deadline for applications for ARC Linkage-International Fellowships (for 2006) [item 6]

Wednesday, 9 March 2005

- Information session on opportunities for Australian universities through the Fulbright Program [item 3]

Monday, 14 March 2005

- Deadline for applications for Special Research Initiatives for e-Research Support [item 7]
- Deadline for applications for Monash University - CSIRO: Collaborative Research Support Scheme [item 8]

Friday, 18 March 2005

- Deadline for applications for Monash-King's Conference Grants [item 10]
- Deadline for Expressions of Interest (EoI) for ARC Linkage—Infrastructure Equipment and Facilities (LIEF) 2006 [item 9]

Monday, 21 March 2005

- Human Frontier Science Program (HFSP): deadline to register for a password [item 11]
- Deadline for nominations for Fresh Innovators [item 12]

Thursday, 24 March 2005

- Australian Research Council (ARC): Linkage Projects 2006 (Round 1 of 2005): deadline for requests for eligibility and exemption with the ARC [item 16]

Thursday, 31 March 2005

- Human Frontier Science Program (HFSP): deadline for Letter of Intent [item 11]
- Transport Research at Monash (TR@M) Workshop [item 4]

April 2005

Friday, 1 April 2005

- Transport Research at Monash (TR@M) Workshop [item 4]

Monday, 4 April 2005

- Deadline for Expressions of Interest for Australian Flora Foundation (AFF) research grants [item 14]
- Deadline for applications for The Cancer Council Victoria: Postdoctoral Cancer Research Fellowships Commencing Mid 2005 [item 13]

Thursday, 7 April 2005

- Deadline for nominations for Victoria Prize and Fellowships 2005 [item 15]

Friday, 22 April 2005

- Australian Research Council (ARC): Linkage Projects 2006 (round 1 of 2005): deadline for full applications with the Research Office [item 16]

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 16]

Tuesday, 31 May 2005

- Deadline for applications for Rolex Awards for Enterprise 2006 [item 17]

June 2005

(No entries.)

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 16]

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 16]

Friday, 25 November 2005

- Australian Research Council (ARC): Linkage Projects 2006 (Round 2 of 2005): deadline for full applications with the ARC [item 16]

December 2005

(No entries.)