



News Bulletin for Research Staff

Bulletin 10/2004

(25 August 2004)

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 links to further information.

Previous copies of this bulletin

Previous copies are archived on the Faculty of Science website at

<http://www.sci.monash.edu.au/staff/research/index.html>

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Part A – News

1. ARC e-Research Support

The Australian Research Council (ARC) is proposing a new Special Research Initiatives scheme for e-Research. Details are given on the ARC website at http://www.arc.gov.au/pdf/e-Research_slides3.pdf.

2. Identification of Australian / UK research collaborations

(Source: Ms Nancy Pritchard, Australian Academy of Science)

Dr Jade Sharples has recently been appointed to the role of Science and Technology Officer within the British High Commission in Canberra. This is the first time the High Commission has employed a dedicated, full-time science attachè. The UK government recognises the benefits to research and innovation that could be achieved through enhanced collaboration with Australian scientists at all levels, from research and government through to industry.

Jade's background is in biological science. She has a PhD in plant physiology, has been employed as a post-doctoral fellow and is currently finishing a law degree. She has also spent time researching at the Institute of Terrestrial Ecology, Huntingdon UK.

As the Science and Technology Officer, Jade's first task is to compile a report outlining Australia's particular scientific strengths, existing Australian/UK collaborations and identify any areas of weakness that could benefit from enhanced Australia/UK collaboration. In order to complete this task, she is currently compiling a database of prior and existing Australia/UK relationships.

If you have had any collaborations with the UK over the past five 5 years, either through research grants, fellowship schemes or any participation at the industry level, Jade would greatly appreciate it if you could inform her of your connections.

Please feel free to telephone or email her directly with your project details:

Further information

Dr Jade Sharples
Science and Technology Officer
British High Commission
Commonwealth Avenue
Yarralumla ACT 2600
Telephone: (02) 6270 6647
Email: Jade.Sharples@fco.gov.uk

Part B - Events

3. Meeting to discuss proposed changes to Faculty of Science Research Centres guidelines

Professor Margaret Clayton invites directors of centres, heads of schools, and any other interested persons to attend a meeting to discuss the draft revised Policies for the establishment, conduct, review and termination of faculty research centres. Drinks and finger foods will be provided.

Date, time, and venue for meeting

Friday, 3 September 2004 from 4-5 pm
Science Meeting Room, Clayton campus

RSVP

Please RSVP to [Matt Randall](#) by Monday, 30 August 2004

4. Visit from the Head of the Graduate Research Office at the University of Sheffield, UK

(Source: Ms Amelia Church, Monash Research Graduate School)

The Monash Research Graduate School (MRGS) has advised that Mr Peter Fearnley, Head of the Graduate Research Office at the University of Sheffield, UK, will be visiting Monash on Wednesday, 8 September 2004 and possibly again on Friday, 10 September 2004.

The purpose of his visit is to "gain an appreciation of the issues and priorities relating to postgraduate research support (and in particular the provision of central facilities) from the perspective of the key stakeholders". Peter's tentative schedule involves meeting with MRGS staff and Professor Max King, a tour of the Research Graduate Centre, and discussions with research students.

Date

Wednesday, 8 September 2004

Further information

Ms Amelia Church
Administrative Officer (Marketing & Scholarships)
Monash Research Graduate School
Telephone: (03) 9905 4638
Email: Amelia.Church@adm.monash.edu.au

5. Fringe Inventions 04

(Source: Ms Colleen Burke, Producer, Fringe Inventions 04)

Ms Colleen Burke, Fringe Inventions and Furniture Producer 04 is seeking 'amazing' inventions and trend-setting designs from lecturers and students to exhibit at this Melbourne Fringe produced event. Fringe Inventions will showcase products from the emerging innovators of the future and celebrates the art of invention and design. This project is supported by the Department of Industry, Innovation and Regional Development and the City of Stonnington. Mr Roger La Salle, the chair of Innovic and regular judge from the ABC 'New Inventors' program (see <http://www.abc.net.au/newinventors/>), will be evaluating the ideas presented on the merits of its originality and design qualities. Mr La Salle is keen to feature elements of the exhibition and winning inventions on the 'New Inventors' show and website.

Date

The Awards will be held at the launch of Fringe Inventions on Sunday, 26 September 2004.

Further information

Ms Colleen Burke
Fringe Inventions and Furniture Producer 04

Telephone: (03) 8412 8788
Mobile: 0408 318 346

6. Research Grants and Ethics Branch (RGEB): 'What's coming up?' web page

The Research Grants and Ethics Branch (RGEB) maintains a page of upcoming news and events for researchers at www.monash.edu.au/resgrant/general/latestnews/index.html

Part C - Grants and Fellowships opportunities

7. Australian Academy of Science - Senior Awards

The Academy recognises distinguished research performance by scientists, and these Senior Award Nominations are for those who have made major contributions over their working lives.

- **David Craig Medal** (Chemistry): This award is made annually and recognises contributions of a high order to any branch of chemistry by active researchers. The awardee will be expected to present several public lectures in cities across Australia.
- **Hannan Medal** (Mathematical sciences): The award is made at two-yearly intervals in one of three areas - 'Statistical Science', 'Pure Mathematics' and 'Applied & Computational Mathematics'. Special weight will be given to recent research.
- **Haddon King Medal** (Mineral exploration): This award is made biennially and recognises contributions by a scientist resident within or beyond Australia for original and sustained contributions to earth and related sciences and in particular, for the discovery evaluation and exploitation of mineral deposits including hydrocarbons.
- **Jaeger Medal** (Australian Earth Sciences): This award is made biennially to a scientist resident in Australia, or elsewhere, for scientist for investigations of a high order into the solid Earth or its oceans carried out in Australia or having some connection with Australian Earth science.
- **Ian Wark Medal and Lecture** (Applied science): This award is made biennially and recognises contributions to the prosperity of Australia achieved through the advancement of scientific knowledge or its application or both.
- **Lyle Medal** (Mathematics or Physics): The award is given in recognition of outstanding achievement by a scientist in Australia in the disciplines of mathematics or physics. Research conducted outside Australia can be taken into account provided the researcher has spent three of the last five years in Australia. Special weight will be given to recent work in determining the award.

Further information

<http://www.science.org.au/aashome.htm>

Deadline

Monday, 30 August 2004 with the Australian Academy of Science

Nomination process

A completed nomination form with attachments is to be emailed to ac@science.org.au. Referee reports should be emailed to ac@science.org.au. One copy must be provided to RGEB

8. Australian Academy of Science - Awards for Early Career Researchers

The following awards are restricted to candidates who are normally resident in Australia and for research conducted mainly in Australia. Nominees must be under 40 years at the closing date, except in the case of significant interruptions to a research career.

- **Dorothy Hill Award** (reef sciences, ocean drilling, marine geology and taxonomy): The award will support research in the earth sciences including reef science, ocean drilling, marine science and taxonomy, by female researchers. This award is made annually and an honorarium of \$5000 (inclusive of GST) will be awarded.
- **Fenner Medal** (biology – excluding biomedical sciences): This medal recognises distinguished research in biology (excluding the biomedical sciences) but includes the study of plants and non-mammalian animals, by scientists. This award is made annually and an honorarium of \$1000 (inclusive of GST) will be awarded (or shared in the case of multiple awards).
- **Gottschalk Medal** (medical science): This award is given in recognition of outstanding medical science research. The award is made annually and an honorarium of \$1000 (inclusive of GST) will be awarded or shared in the case of multiple awards.
- **Pawsey Medal** (physics): This award is given in recognition of outstanding research in physics. The award is made annually and an honorarium of \$1000 (inclusive of GST) will be awarded or shared in the case of multiple awards.
- **Moran Medal** (statistical science): This award recognises outstanding research in the fields of applied probability, biometrics, mathematical genetics, psychometrics and statistics (statistical science). The award is normally made every two years. An honorarium of \$1000 (inclusive of GST) will be awarded or shared where there are multiple awards.
- **Le Fèvre Memorial Prize** (chemistry): This award recognises outstanding research in chemistry. An honorarium of \$3000 (inclusive of GST) is awarded annually or shared in the case of multiple awards.
- **Frederick White Prize** (physical, terrestrial and planetary sciences): This prize is awarded biennially to scientists. The next call for nominations is expected to be in May 2005.

Further information

<http://www.science.org.au/aashome.htm>

Deadline

Monday, 30 August 2004 with the Australian Academy of Science

Nomination process

A completed nomination form with attachments is to be emailed to ac@science.org.au. Referee reports should be emailed to ac@science.org.au. One copy must be provided to RGEB

9. B-HERT Awards for Outstanding Achievement in Collaboration in Research and Development and Education and Training

B-HERT (Business / Higher Education Round Table) Awards are made annually and presented at the B-HERT Awards dinner in November each year. The objectives of the awards are to highlight at a national level the benefits of collaborations between business and the higher education sector, and enhance links between industry and universities.

Eligibility

The award is made to a program or project involving a collaborative partnership between business and higher education. The collaborating organisations nominated for the award must come from business and higher education, and at least one of the collaborating organisations must be a member of B-HERT. Each submission must be signed by all the participating partners.

Numbers and categories of awards

This year's awards are for:

- Best R & D Collaboration
- Best E & T Collaboration
- Best Collaboration involving a CRC – R & D or E & T
- Best International Collaboration – R & D or E & T

Further information and application form

<http://www.bhert.com/>

Deadline for applications

Monday, 30 August 2004 with B-HERT

10. ARC Centres of Excellence round in 2004

(Heads of schools and members of the Faculty Research Committee have previously been advised of this scheme and the deadline.)

The ARC Centres of Excellence program aims to place Australia at the forefront of world research in the Government's designated areas of research priority. ARC Centres of Excellence with funding commencing in 2005 must be established on the basis of the excellence of the proposed research program and the excellence of the participating researchers. There must be high potential for both these factors to contribute to the economic, social and cultural development of Australia.

This call for applications for Centres of Excellence with funding commencing in 2005 is the second round of applications in this program. The first round of applications was completed in 2002. Unlike the previous application round, the 2005 funding round has only a single application form. There is no requirement to submit an Expression-of-Intent to apply.

Please note the following request from RGEB for all individuals or groups involved in any bid to submit a signed notification even if Monash is not the lead institution.

As the notification requires the signature of the Associate Dean, Research (ADR) please ensure that all completed forms (signed by the head of school) are submitted to Matt Randall on or before Monday, 30 August 2004 at 9:00 am.

Deadline and submission requirements

Faculty of Science deadline: Monday, 30 August 2004 at 9:00 am.

RGEB deadline: Wednesday, 1 September 2004

Further information

http://www.arc.gov.au/apply_grants/centres.htm

11. Faculty of Science Early Career Researcher Grants Scheme 2005

(Heads of schools and members of the Faculty Research Committee have previously been advised of this scheme and the deadline.)

Applications are now open for the Faculty of Science Early Career Researcher Grants scheme.

Eligibility

Applicants must meet all of the following requirements to be eligible for an award *:

- be a Monash University salaried 'Teaching and Research' academic (excluding 'Research Only' staff) employed on a continuing basis or for a fixed term of at least two (2) years in the Faculty of Science (or School of Physics and Materials Engineering if physics);
- hold a position at academic staff Level A, B or C; and
- have completed a doctorate within eight years of the deadline for applications for this scheme (that is, after 31 August 1996).

(* An applicant who does not satisfy the eligibility requirements may be considered for this scheme if he or she can demonstrate a lack of research opportunities since receiving a doctorate such as having been employed in a Teaching Only position or working part-time (or not at all) due to family or related responsibilities.)

Benefits

Up to three (3) grants of \$20,000 each will be awarded in 2004 for 2005

Guidelines and application form

<http://www.sci.monash.edu.au/staff/fundingopportunities.html>

Deadline for applications

Tuesday, 31 August 2004 (original and four copies to the Faculty of Science Office)

12. AINSE Awards

The Australian Institute of Nuclear Science and Engineering (AINSE) provides funds to assist researchers from member universities to gain access to ANSTO and other AINSE facilities. Awards are awarded for one year commencing in January.

Further information

<http://www.ansto.gov.au/ainse/2005grant/grant.htm>

Deadline for applications

Wednesday, 15 September 2004 (online application with AINSE)

A message from Dr Dennis Mather, AINSE Scientific Secretary

Dear colleague

Becquerel Laboratories agreement with ANSTO expires on 30 September. AINSE is intending to have some arrangements in place to cover this requirement in 2005 but we will not be able to finalise arrangements prior to 15 September, the deadline for AINSE Applications for 2005.

If you have a proposal which would use these facilities I would urge to complete an application form in the usual way, but in Step 4 omit '4 Facilities' and in '5 ANSTO Equipment and Materials' section quantify what analyses you want and put a nominal amount of money against it.

In this case I will be the 'Primary Contact Officer' and you should ring me to obtain my PIN.

Becquerel Laboratories agreement with ANSTO expires on 30 September and future arrangements for NAA will be finalised after that date.

Regards
Dennis

Dr Dennis Mather
Scientific Secretary
AINSE
Phone direct 02 9717 3388
Office 02 9717 9906
Mobile 0413 156 700
Fax 02 9717 9268

13. Rural Industries Research & Development Corporation research support

The Rural Industries Research and Development Corporation (RIRDC) is an agency of the Australian Government, and was established on 1 July 1990 to facilitate industry and government investment in industry-directed and market-focused R&D.

RIRDC funds a wide range of research and development activities by individuals, companies, organisations and government agencies. These activities include new markets and marketing, commercialisation of technology, joint research with processing companies, travel and workshops/conferences, and postgraduate education.

For the 2005-2006 round of research support, the Rural Industries Research & Development Corporation is inviting preliminary research proposals by 17 September 2004. Successful applicants will be advised in early December and invited to submit a second round (full proposal) by 7 February 2005.

Further information

<http://www.rirdc.gov.au/researchpriorities/index.htm#KEY>

Deadline

Friday, 17 September 2004 (preliminary research proposals).

14. Australian Academy of Science Support for Travel and Research: call for applications / Expressions of Intent

The Academy invites applications and expressions of intent for support in these areas:

- Travelling fellowships for the exchange of scientific ideas, to increase public awareness of science and scientific issues and to carry out research
- Research conferences that focus on rapidly developing fields of research
- Endangered vertebrate species for research aimed at the improvement and management of conditions necessary for the species' recovery

Further information

<http://www.science.org.au/researchconferences.pdf>

<http://www.science.org.au/travellingfellowships.pdf>

<http://www.science.org.au/awards>

Deadline for applications

Thursday, 30 September 2004

15. The Royal Society of New South Wales: Edgeworth David Medal, Clarke Medal, and Walter Burfitt Prize

(Nomination process, deadline for each is given below.)

A. Edgeworth David Medal

The Edgeworth David Medal is awarded for distinguished contributions by a young scientist. The conditions of the award of the medal are:

- The recipient must be under the age of 35 years at 1 January 2004
- The award will be for work done mainly in Australia or its territories; or contributing to the advancement of Australian science

Nominations are called for the names of suitable persons who have contributed significantly to science, including scientific aspects of agriculture, engineering, dentistry, medicine, and veterinary science.

B. Clarke Medal

The Clarke Medal, established in memory of the Reverend William Branwhite Clarke, one of the fathers of the Royal Society of New South Wales, is considered for award annually for distinguished work in the natural sciences done in, or on, the Australian Commonwealth and its territories.

This year's award is in the field of geology in all its aspects, and nominations are called for the names of suitable persons who have contributed significantly to the science of geology.

C. Walter Burfitt Prize

The Walter Burfitt Prize is awarded at intervals of three years to the worker in pure or applied science, resident in Australia or New Zealand, whose papers and other contributions published during the past six years are deemed of the highest scientific merit, account being taken only of investigations described for the first time, and carried out by the author mainly in these countries.

The award may be granted to two authors working in collaboration.

The award will be made for work published during the six years ending 31 December 2003.

Nomination process for each of the medals and prize

The Royal Society of New South Wales requests that every nomination be accompanied by a list of publications, a full curriculum vitae and also by a statement clearly indicating which part of a nominee's work was done in Australia and which was done overseas.

Agreement of the nominee to his or her nomination must be agreed by the nominator before submission of the nomination and included in the submission.

Please note that no responsibility regarding publications sent in support of nominations can be accepted by the society, but every care will be taken to return them to the nominators.

Further information

<http://nsw.royalsoc.org.au>

Application requirements

Three (3) copies of the nomination and supporting material should be submitted to

The Honorary Secretary
The Royal Society of New South Wales
PO Box 1525
MACQUARIE CENTRE NSW 2133

Electronic copies may be sent to info@nsw.royalsoc.org.au

Deadline for nominations

Thursday, 30 September 2004 with The Royal Society of New South Wales

16. The Cancer Council of Victoria Postdoctoral Cancer Research Fellowships 2005

The Cancer Council Victoria invites applications for Postdoctoral Cancer Research Fellowships commencing in 2005.

Eligibility

The fellowships will provide research assistance to Victorian PhD candidates at the time of thesis submission. Applicants must have submitted their thesis between 1 April 2004 and 1 October 2004.

Benefits

The fellowship funding will be paid to the host institute at the NHMRC Personnel Support Package (PSP) Level 3 rate of \$58,500 per annum for one (1) year. The PSP amount covers all salary and salary on-costs (eg payroll tax, worker's compensation, leave loading,

compulsory and contributory superannuation) as well as some additional support for minor operational maintenance such as postage, printing, and computer hardware and software.

Further information and application procedures

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

Ms Marian Wilson

Telephone: (03) 9635 5213

Email: marian.wilson@cancervic.org.au

Deadline for applications

Monday, 4 October 2004 with The Cancer Council Victoria

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 D –Dates and deadlines

18. Summary of dates and deadlines

August

Monday, 30 August 2004

- Deadline for applications for Australian Academy of Science - Senior Awards (with the Australian Academy of Science)
- Deadline for applications for Australian Academy of Science - Awards for Early Career Researchers (with the Australian Academy of Science)
- Deadline for applications for B-HERT Awards for Outstanding Achievement in Collaboration in Research and Development and Education and Training (with B-HERT)
- Deadline for applications for ARC Centres of Excellence round in 2004 (with the Faculty of Science office)

Tuesday, 31 August 2004

- Deadline for applications for Faculty of Science Early Career Researcher Grants Scheme 2005 (with the Faculty of Science office)

September

Friday, 3 September 2004

- Meeting to discuss proposed changes to Faculty of Science Research Centres guidelines [[Please RSVP to Matt Randall by 30 August 2004](#)]

Wednesday, 8 September 2004

- Visit from the Head of the Graduate Research Office at the University of Sheffield, UK

Wednesday, 15 September 2004

- Deadline for applications for AINSE Awards 2005 (with AINSE)

Friday, 17 September 2004

- Deadline for applications for Rural Industries Research & Development Corporation (RIRDC) research support (with RIRDC)

Sunday, 26 September 2004

- Fringe Inventions event

Thursday, 30 September 2004

- Deadline for Australian Academy of Science Support for Travel and Research: call for applications / Expressions of Intent (with Australian Academy of Science)
- Deadline for applications for The Royal Society of New South Wales: Edgeworth David Medal, Clarke Medal, and Walter Burfitt Prize (with The Royal Society of New South Wales)

October

Monday, 4 October 2004

- Deadline for applications for The Cancer Council of Victoria Postdoctoral Cancer Research Fellowships 2005 (with The Cancer Council of Victoria)