



Faculty of Science News Bulletin for Research Staff

Bulletin 9/2007 - (4 July 2007)

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

Items for inclusion in this bulletin

Please forward any items to the Tom.Keegan@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. Margaret Clayton - Women in Research Postdoctoral Fellowship 2008

Scheme Aim and Objectives

The Faculty of Science has established the *Margaret Clayton - Women in Research Postdoctoral Fellowship* to attract female early career researchers with outstanding potential to undertake research in areas of identified faculty research strength or emerging research potential, and to redress the dearth of women academics in the faculty. One award only will be made in 2007 (for 2008).

Eligibility

Applicants must:

- be female and undertaking research or have recently undertaken research in disciplines of relevance to the faculty;
- be no more than five years from the date of award of a PhD as of 31 July 2007; and have demonstrated potential to achieve research outcomes at an international level.

The fellowship is tenable only in the Faculty of Science at Monash University and it is expected that most of the time will be spent in the relevant school or centre.

Applicants **must** contact the head of the school in which they propose to undertake the research to discuss the proposed project.

Funding

The successful applicant will be appointed within the Research Fellow Level A range (currently \$60,019 to \$64,427) and will also receive superannuation and a contribution to relocation expenses. In exceptional circumstances an appointment at Level B may be recommended. Thereafter there will be annual increments, subject to satisfactory annual reports.

The school or centre in which the fellow is based is responsible for providing office accommodation and access to appropriate facilities and services necessary for the research program.

The research fellow will be entitled to annual research support of up to \$15,000 per annum, which must be fully justified in the project budget.

Further information/application forms:

www.monash.edu.au/research/academics/funding/information/monash/science-margaret-clayton-fellowship.html

Deadline for applications:

Tuesday, 31 July 2007 – with Tom Keegan; Manager, Research and Research Training, Faculty of Science, Building 19N, Monash University, Clayton, VIC 3800

2. 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

3. Monash Newslite – Science and Engineering

www.monash.edu.au/news/newslite/science+and+engineering

4. ScienceAlert – Australia and New Zealand

ScienceAlert is a website that delivers Australian & New Zealand science, technology, and innovation news to science, industry, the media, government and the broader community.

www.sciencealert.com.au/about-us.html

5. Science Matters – Department of Education, Science and Training

An online resource for those interested in the dynamic field of Australian Government science policy.

Science presents the latest research and innovation news from the Department of Education, Science and Training, from news of world-class Government-funded research to stories about the latest innovations transforming our lives.

www.sciencematters.dest.gov.au/

PART B - EVENTS

6. Monash 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>

7. Seminar - Electron tomography – a new perspective for materials microscopy

A seminar by Dr Paul Midgley, Department of Materials Science and Metallurgy, University of Cambridge.

Within materials science and engineering, the push for nanotechnology and the increasing use of nanoscale materials brings with it the need for high spatial resolution imaging and analysis. As the lateral dimensions of a feature approach that of its depth, as is happening for example in many semiconductor fabrication lines, electron microscopy is being pushed towards examining truly 3-dimensional objects and a single projection is not adequate for a complete description. To that end electron tomography has been adapted from the original ideas proposed in the life sciences to meet the needs of the materials scientist working at the nanoscale. Although electron tomography in the life sciences relies on a tilt series of bright field (BF) images exhibiting predominantly mass-thickness contrast, in materials science, for a general crystalline object, diffraction (and Fresnel) contrast very often prohibits the use of (coherent) BF images for electron tomographic reconstruction. Normally, other (incoherent) signals must be used. As such, high-angle annular dark field (HAADF) scanning transmission electron microscopy (STEM) imaging has been developed as the basis for the tomography tilt series and has become the conventional mode for materials-based electron tomography. However, STEM HAADF imaging will not reveal certain important electronic, compositional and structural properties of many materials and so more unconventional modes are also under development. This talk will show examples from both conventional and unconventional electron tomographic experiments including the 3D fractal structure of heterogeneous catalysts using STEM tomography, 3D dislocation arrays using weak-beam tomography, differentiating carbonaceous composite elements using plasmon tomography and the visualisation of 3D electrostatic potentials using holographic tomography.

Date: Friday, 13 July 2007, 2:00 p.m. – 3.00 p.m.

Location: Science Lecture Theatre S11, Bldg 25

8. Climate Change Forum: Tackling the Problems with Real Solutions

Providing community solutions to the problems posed by climate change. Featuring climate change specialists and leading activists: Adrian Whitehead, Beyond Zero Emissions and Micheala Stubbs, Friends of the Earth. Other speakers to be announced.

Date: Wednesday, 25 July 2007

Time: 12 -1 pm

Location: Lecture Theatre H2, Menzies Building

Cost: Free

For further information:

Contact Tessa Toumbourou at tessa.toumbourou@adm.monash.edu.au or telephone (03) 9905 4195

9. Media training for scientists

Every month or two Science in Public hold a media training course for scientists. The course is suitable for anyone attempting to communicate complex, evidence-based ideas via the media.

We bring in three working journalists from television, print and radio to talk about their medium and how to get more science in. They will also interview each participant.

The courses are held in Melbourne and are limited to 12 people per course. Our next two courses are:

- Tuesday 19 June, Thursday 26 July

Further information:

www.scienceinpublic.com/mediatraining.htm

10. Symposium on Contaminated Soil and its Remediation

The Victorian branch of the Australian Society of Soil Science, along with the Australian Contaminated Land Consultants Association, Monash University and the Centre for Green Chemistry have organised a symposium on CONTAMINATED SOIL AND ITS REMEDIATION.

The symposium will provide scientific and technical knowledge for people working with contaminated soils and their remediation and has been designed to fill the 'knowledge gaps' and create awareness of where these 'knowledge gaps' exist.

Date: Wednesday, 11 July 2007

Time: Registration 8:30 am, start 9 am - finish 5:30 pm

Venue: Monash University, Clayton Campus, Building 25, Theatre S2

Cost: \$140 for members \$180 for non members \$70 for students

Further information/registration form:

Please find the link under the section titled: "Events" on the Faculty of Science website at:

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

Registration can be completed on-line at: SYMPOSIUM Contaminated Soil and its Remediation

For further information on the symposium please contact:

Emer. Prof. Robert White, President Victorian Branch ASSSI Mobile: 0417 583 342

Dr. Gemma Heemskerk, Secretary Victorian Branch ASSSI; BH: (03) 8341 2422 or M: 0415 295 095

For a query regarding the online payment system please contact

Linda Bennison, Executive Officer ASSSI Federal Office; 03 5622 0804

PART C - FUNDING OPPORTUNITIES

11. International Science Linkages Programme for Scientific Visits in FY 2008-09

Visits are available to: * Europe * China * Japan * Korea * Taiwan * United States of America *Canada *Mexico.

Proposals in any field of natural science, basic and applied, including mathematics and engineering science will be considered. Australian citizens and Australian permanent residents who are residing in Australia are invited to apply. Applicants must hold a PhD degree or equivalent at the time of application. Support will not be given when the primary purpose of the visit is to attend a conference. Applicants should propose a collaborative research project, or a specific activity, which has been developed in consultation with host scientists in China. A letter of invitation from the host institution(s) commenting on the proposed collaboration must be submitted with the application.

For further information/application forms:

www.science.org.au/internat/programs.htm

Deadline for applications:

Tuesday, 10 July 2007 with the Monash Research Office

Friday, 20 July 2007 with the granting body

12. Monash University and the Commonwealth Scientific and Industrial Research Organisation (CSIRO)

Round 4 of the Collaborative Research Support Scheme (CRSS)

Monash University and the Commonwealth Scientific and Industrial Research Organisation (CSIRO) announce Round 4 of the Collaborative Research Support Scheme (CRSS) which is jointly funded by the two organisations. The scheme provides seed funding only, not full project support.

The research project will be evaluated against the following selection criteria:

- The project must form part of a recognised or developing research collaboration between Monash University and CSIRO, building on synergies from co-location on the Parkville and/or 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 6 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.

For further information on Funding and Submission Requirements:

<http://www.monash.edu.au/research/academics/funding/information/monash/monash-csiro.html>

Deadline for applications:

Monday, 16 July 2007 with the Monash Research Office

13. French Australian Science and Technology Programme (FAST)

The FAST Programme promotes and supports scientific and technological cooperation between Australian and French researchers in both public and private sectors. Applications will be accepted from French and Australian researchers, project managers, private companies and organisations. All fields (excluding social sciences and humanities) are eligible. Financial assistance is provided for small, strategically-focussed workshops and for collaborative research projects in leading edge areas of research.

For further information/application forms:

<https://sciencegrants.dest.gov.au/ISL/Pages/FranceFund.aspx>

Deadline for applications:

Monday, 16 July 2007 with DEST

14. Schering (Ernst) Foundation/Schering Stiftung Postdoctoral Fellowships

The sponsor provides support to talented young scientists in the field of biological, medical and chemical basic research.

It awards approximately seven fellowships per year to exceptional postdoctoral candidates who have completed their studies no more than two years ago, less than twenty-eight years of age at the time of application and who want to carry out research projects at renowned institutes at home and abroad.

The fellowship is awarded irrespective of the applicant's nationality.

For further information/application form:

www.scheringstiftung.de/html/stipendien-en.html

Deadline for applications:

Thursday, 19 July 2007 with the Monash Research Office

Tuesday, 31 July 2007 with the Schering (Ernst) Foundation

15. Australian Academy of Science - Grants for international travel

The Australian Academy of Science is inviting applications for grants for short-term scientific visits (14 – 40 days) to Europe, North America (USA, Canada, Mexico) and Asia (China, Japan, Korea, Taiwan) in FY 2007-2008, to foster collaborations between Australian and overseas researchers.

This project is supported by the Department of Education, Science and Training's *International Science Linkages - Science Academies Programme* established under the Australian Government's innovation statement, *Backing Australia's Ability*.

Further information/application forms:

<http://www.science.org.au/internat/programs.htm>

Deadline for applications:

Friday, 20 July 2007 with International Programs, Australian Academy of Science

16. Dairy Australia – New Research and Development Projects 2007/08

Dairy Australia is now inviting preliminary submissions for new projects that would commence during the financial year starting 1 July 2008.

If you've got an idea that you think has the potential to benefit the Australian Dairy Industry but you're boxed-in by lack of funding, talk to Dairy Australia as they are always keen to explore every angle, and are surprisingly open-minded. In fact, some projects that have received funding in the past have seemed quite left of centre.

For further information/application form:

www.monash.edu.au/research/academics/funding/information/acgr/dairyaustralia.html

Deadline for applications:

Monday, 30 July 2007 with Dairy Australia

17. 2008 Endeavour Research Fellowships

The Endeavour Research Fellowships provide financial support for postgraduate students and postdoctoral fellows from Australia to undertake short-term research (4-6 months), in any field of study. The research is to be undertaken in participating countries within the Asia/Pacific region and the Middle East.

The Endeavour Research Fellowships aim to:

- enable high achieving scholars from Australia to undertake research within the Asia/Pacific region and the Middle East;
- further develop award holders' knowledge and skills in their field of research;
- strengthen bilateral ties between Australia and the participating countries;
- showcase Australia's education sector;
- strengthen mutual understanding between the people of Australia and the award holders' host country; and
- build international linkages and networks.

Value and duration

Payment Type	Amount
Travel Allowance	\$AUD5,000
Establishment Allowance	\$AUD5,000
Monthly Stipend (up to 6 months on a pro-rata basis)	\$AUD2,500
Total Award Value	Up to \$AUD25,000

Funds are **not** available to support accompanying dependants or for return visits to Australia.

Award holders must spend a minimum of 4 months and a maximum of 6 months at their host institution. The research project must be taken in one block, it cannot be broken into two or more visits to the host country.

Eligibility

To be eligible for an Endeavour Research Fellowship, applicants must:

- be citizens or permanent residents of Australia and physically resident in Australia (those holding dual citizenship or permanent residency status in their host country will not be eligible to apply)
- have a completed undergraduate degree that demonstrates high academic achievement
- either be enrolled in a Masters or PhD course in Australia or have completed a PhD
- demonstrate [English language proficiency](#)
- have a confirmation of acceptance or affiliation with the host institution.

Award holders must commence their approved programme and award during 2008. Applicants who have commenced or intend to commence their programme at their host institution in 2007 are ineligible for an award.

For further information/application form:

www.endeavour.dest.gov.au/awards_by_country/for_australians/research_fellowships.htm

Deadline for applications:

Tuesday, 31 July 2007 with DEST

18. ATSE – Support for Frontiers of Science and Technology Missions and Workshops

The Australian Academy of Technology Sciences and Engineering receives funding from DEST for the Frontiers of S&T Missions and Workshops element of the International Science Linkages – *Science Academies Programme*, part of *Backing Australia's Ability*.

In order to strengthen and further the objectives of the International Science Linkages Programme, ATSE is offering Australian researchers an opportunity to submit expressions of interest for international Missions and Workshops during the calendar year 2008-2009.

All EOI Proposals will be assessed by the International Relations Committee of ATSE against the goals and priorities of the Innovation Science Linkages Programme.

For further information/EOI form:

www.atse.org.au/ or email elizabethm@atse.org.au

Deadline for submission of EOI:

Tuesday, 31 July 2007 with ATSE

19. Seafood Development Industry Fund (SIDF)

The Seafood Industry Development Fund (SIDF) has been set up, with the assistance of the Fisheries research and Development Corporation (FRDC,) to help the seafood industry to improve its profitability, international competitiveness and social resilience.

Applications are evaluated by the SIDF Project Evaluation Panel (PEP) four times each year, normally within one month after each of the closing dates. The PEP recommends, to the FRDC, applications that should be approved for FRDC funding.

Funding

For projects seeking SIDF funding of \$5,000 or less, the PEP will make its decision based on the information you have included in the FRDC pre-proposal form. The PEP may either:

- reject your application, or
- seek a revised application addressing specific issues raised by the PEP, or
- recommend to FRDC that your application be approved subject to any conditions that may be identified by the PEP.

For projects seeking SIDF funding between \$5,001 and \$30,000, the PEP will evaluate your application based on the information you have included in the PRDC pre-application form. The PEP may either:

- reject your application, or
- seek a revised application addressing specific issues raised by the PEP, or
- invite you to submit a full application addressing any issues that may be identified by the PEP.

The maximum total SIDF funding available for any project is \$30,000. Applications seeking more than \$30,000 will not be evaluated

Further information/application form:

www.seafoodservices.com.au/sidf/

Deadline for applications:

Monday, 23 July 2007 – with the Monash Research Office

Wednesday, 1 August 2007 – with the Seafood Development Industry Fund

or

Tuesday, 23 October 2007 – with the Monash Research Office

Thursday, 1 November 2007 – with the Seafood Development Industry Fund

20. NHMRC Program Grants – Round 2, 2007

NHMRC is changing the timing for submission of applications, and for the peer review process, for Program Grants. Teams wishing to apply for grants to begin on 1 January 2009, may apply either: (a) later this year (closing date of 24 August 2007), for a decision in late 2007 (this will avoid successful applicants needing to write a back up project grant application in early 2008); or (b) by the usual time (February 2008).

Further advice on the specific timelines for the process will be available in early June. All documentation relating to the second round of applications, including the Funding Policy, Application Form and the Guide for Applicants, will be available on the NHMRC website by late June 2007.

For further information/forms:

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

Deadline for applications:

Friday, 10 August 2007 with the Monash Research Office

Friday, 24 August 2007 with NHMRC

21. Marie Curie International Outgoing Fellowships for Career Development

The Marie Curie International Outgoing Fellowships for Career Development support European researchers to work outside of Europe, on the following terms:

- The fellow spends 1-2 years on secondment in a so-called third country (such as Australia) then 1 year back at their home country for a mandatory 're-integration period'
- The EC covers 100% of the cost of the researcher's salary plus a contribution to overheads
- The project must include a coherent research programme.
- The researcher is free to choose the topic in collaboration with their home institution. The researcher needs an agreed personal career development plan in place with her or his host institution - this will be annexed in the funding agreement, which will be between the 'return host' (ie the researcher's home institution) and the EC.
- The fellow needs to be a national of an EU member state or associated country, and needs to either hold a doctoral degree or 4 years full-time equivalent research experience. The researcher must not have resided or carried out their main activity (work, studies etc) here for more than 12 months of the 3 years prior to the deadline for the application submission.

For further information:

<http://cordis.europa.eu/fp7/dc/index>

22. Australia – Germany Joint Research Co-operation Scheme

The scheme is a joint initiative of the Group of Eight (Go8) universities and the German Academic Exchange Service (DAAD) to support exchanges for Australian researchers to spend time at partner institutions in Germany and for collaborating German researchers to spend time at Go8 universities.

The scheme is open to Go8 researchers/research groups in all academic fields involved in a collaborative project with German research partners. For exchanges occurring in 2008, the DAAD has indicated that it will particularly welcome applications from the natural and engineering sciences.

For further information/application forms:

www.monash.edu.au/research/contacts/research-office/weekly/05-06-2007.html

www.go8.edu.au/europe/research/Go8DAADexchange.htm

Deadline for applications:

Friday, 31 August 2007 – with the Monash Research Office

Friday, 14 September 2007 – with the granting body

23. Research Grants Seminar presented by the Canadian High Commission

Presenters presented grant opportunities offered by the Canadian government's three Research Councils: the Natural Sciences and Engineering Research Council (NSERC); the Canadian Institutes of Health Research (CIHR) and the National Research Council (NRC).

Post-doctoral fellowships are also available.

The Canadian Research Grants Seminar (held on 23 May 2007) presentation slides can be downloaded from:

www.monash.edu.au/research/contacts/research-office/news-events/materials/canada-science-eng-health.ppt

PART D - AWARDS AND PRIZES

24. Australian Academy of Technological Sciences and Engineering (ATSE) – Clunies Ross Award

The Award is designed to identify and make known those people who have, often against difficulties and always with persistent commitment, made important contributions to science and its application for the economic, social or environmental benefit of Australia.

For further information/application form:

www.cluniesross.org.au/

Deadline for applications:

Monday, 23 July 2007 with the Monash Research Office

Tuesday, 31 July 2007 with ATSE

25. 2007 – 2008 Young Tall Poppy Science Awards

The Tall Poppy Campaign was established by the Australian Institute of Policy & Science to promote awareness of Australia's intellectual achievements. An important component of the Campaign is the Young Tall Poppy Science Awards which recognise the achievements of outstanding young researchers in the sciences including physical, biomedical, applied sciences, engineering and technology.

Eligibility

The awards in 2007 are open to residents of New South Wales, Victoria and South Australia working in all fields of science, including the biomedical, physical and applied sciences.

Nominees should be either postgraduate who are close to completing or having completed a doctoral degree within the past 10 years.

Nominees should have undertaken the majority of their postgraduate, doctoral and post-doctoral research in Australia, and/or be committed to carrying out their research in Australia in coming years.

Only individual scientists are eligible.

Self-nominations are not eligible.

Nominees must be citizens of Australia or hold Australian Permanent Residency status.

Benefits

Opportunity for Young Tall Poppies to act as 'ambassadors' for science by encouraging interest in scientific careers and keeping science at the forefront of the public agenda.

Profiling younger Australian researchers, their areas of specialisation and their university of research institute in the community.

Opportunity to meet with Ministers, politicians, leading scientists, corporate, academia and science policy makers through the Tall Poppy Campaign events, and more...

Further information/application form:

<http://www.tallpoppies.net.au/awards/2007>

Deadline for applications:

Thursday, 2 August 2007 with the Tall Poppy Campaign

26. Academy of Science Awards

The following Academy of Science Awards are currently available:

- David Craig Medal (chemistry) - Senior Awards
- Dorothy Hill Award (Earth sciences, reef sciences, marine geology and taxonomy) - Junior Awards
- Fenner Medal (biology - excluding biomedical sciences) - Junior Awards
- Frederick White Prize (physical, terrestrial and planetary sciences)
- Gottschalk Medal (medical sciences)
- Gottschalk Medal (medical sciences) - Junior Awards
- Ian Wark Medal and Lecture (applied science)
- Le Fevre Memorial Prize (chemistry) - Junior Awards
- Matthew Flinders Medal and Lecture (physical sciences)
- Mawson Medal and Lecture (Earth sciences)
- Pawsey Medal (physics) - Junior Awards
- Ruth Stephens Gani Medal (human genetics including clinical, molecular, population and epidemiological genetics and cytogenetics)

For further information/application form:

www.science.org.au/awards/

Deadline for applications:

Tuesday, 21 August 2007 with the Monash Research Office

Thursday, 30 August 2007 with Australian Academy of Science (AAS)

27. 2007 B-HERT Awards

Applications are now being sought for the 2007 B-HERT Awards for Outstanding Achievement in Collaboration in Research & Development and Education & Training, Best Entrepreneurial Educator of the Year and Outstanding Philanthropic Support of Higher Education.

For further information/application form:

www.bhert.com

Deadline for applications:

Thursday, 30 August 2007 with B-Hert

28. Wolf Foundation – Prizes in Sciences and Arts

Five or six prizes of \$100,000 each are awarded annually to outstanding scientists and artists, irrespective of nationality, for achievements in the interest of mankind and friendly relations among peoples. In science, annual awards are made in agriculture, chemistry, mathematics, medicine, and physics. Arts prizes in architecture, music, painting and sculpture will be given.

Self-nominations are not permitted.

For further information:

www.wolffund.org.il/main.asp?idMain=20

Deadline for nominations:

Friday, 31 August 2007 with the Wolf Foundation

29. 2007/08 DuPont Australia & New Zealand Innovation Awards

The biennial DuPont Innovation Awards program is an independently judged competition, launched in 2004, to recognise the introduction of a new innovative technology, application, product or service.

The Awards are open for entry to individuals, companies or tertiary students.

2007/08 AWARD CATEGORIES

1. Building Innovation sponsored by Fletcher Building Limited
2. Medical & Healthcare sponsored by Invetech
3. Sustainable Energy sponsored by BHP Billiton
4. Sustainable Services sponsored by Worley Parsons
5. Agriculture & Food Production sponsored by Cargill Australia Limited
6. Performance Materials sponsored by Plantic
7. Tertiary Student Award sponsored by ABB

For further information/application forms

www.dupontinnovationawards.com

Deadline for applications:

Friday, 2 November 2007 with DuPont Innovation Awards

30. The Millennium Technology Prize

The Millennium Technology Prize is a biannual award given to a groundbreaking innovation that promotes people's quality of life, contributes toward the realisation of humane values and encourages sustainable development. It is Finland's tribute to life-enhancing technological innovation.

At the one million euro level, the Millennium Technology Prize ranks among the world's most prestigious awards in its class. The Prize is awarded by the Millennium Prize Foundation, an independent fund established by Finnish industry and the state of Finland in partnership.

Candidates for the Millennium Technology Prize are sought across the world and in all fields of technology. Nominations are welcomed from universities, academies, research institutes, and industrial enterprises and organisations. Citizens of all nations are eligible.

The inaugural Millennium Technology Prize was awarded in 2004 to Professor Tim Berners-Lee, who revolutionised electronic communication by inventing the World Wide Web. The prize was awarded for the second time in September 2006 to Professor Shuji Nakamura for developing new, revolutionary, energy-saving light sources. The next Millennium Technology Prize will be awarded on 11 June 2008 in Helsinki.

While the selection criteria for awarding the Prize remain the same as before, there is a notable change in the rules of the Foundation concerning the publicity given to Nominees. In previous rounds, only the Winner and the winning innovation were made public. According to the new rules, a List of Finalists will be announced and their work and innovations presented to the media and the general public prior to the selection of the Final Winner.

To be eligible for the Prize, innovators who are selected as Finalists must agree to have their name and a general description of their work made public. All nominations from now on will be considered valid for only one selection round unless they are properly renewed and updated.

For further information/nomination form:

Please contact Tom Keegan, Manager, Research and Research Training in the Faculty of Science Research Office, Monash University, Clayton campus on 9905 2079 or email tom.keegan@sci.monash.edu.au

Deadline for nominations:

Monday, 1 October 2007 with the Millennium Prize Foundation

PART E – POSTGRADUATE STUDENT RESEARCH SUPPORT AND AWARDS

31. DEST – Australia Scholarships – Australian Leadership Awards (ALA)

An ALA Scholarship has a total value of up to A\$130,000 for Masters degrees and A\$250,000 for Doctoral programs, not including provisions for leadership training. Benefits include:

- * return air travel
- * visa support
- * establishment allowance
- * full tuition fees
- * contribution to living expenses
- * Introductory Academic program (IAP)
- * Overseas Student Health Cover (OSHC) for the duration of the award (for award holder only).

Applicants must be a citizen of one of the participating countries listed below:

* Afghanistan, Bangladesh, Bhutan, Cambodia, China, Cook Islands, Federated States of Micronesia, Fiji, India, Indonesia, Iraq, Kiribati, Laos, Maldives, Marshall Islands, Mongolia, Nauru, Nepal, Niue, Pakistan (see note below), Palau, Papua New Guinea, Philippines, Samoa, Solomon Islands, Sri Lanka, Thailand, Tokelau, Tonga, Tuvalu, Timor-Leste, Vanuatu, Viet Nam, Wallis & Futuna

Pakistani applicants are eligible for an ALA Scholarship, however, the Pakistan program varies from the program described here. Pakistan applicants should contact the Australian High Commission in Islamabad for information about these awards.

Applicants must not have Australian citizenship, permanent residence status, nor be in the process of applying.

Applicants must not be married or engaged to be married to a person who holds or who is eligible to hold Australian or New Zealand citizenship or permanent residence status.

Successful applicants must meet visa requirements of the Australian Department of Immigration and Citizenship.

Citizens from non-participating countries are ineligible for the ALA Scholarship program but may be eligible for an award under the Endeavour program. For details see www.endeavour.dest.gov.au.

Note that nationals from the Cook Islands, Niue and Tokelau with New Zealand citizenship are eligible to apply.

English Language Proficiency Requirements

Applicants are expected to have strong written and spoken English language skills. Applicants must:

- * meet the minimum English language requirements to gain direct admission to their nominated higher education course(s) and
- * have undertaken one of the following English language proficiency tests no longer than two years prior to the date of application:
 - an IELTS Academic Test with a score of at least 6.5, or
 - a TOEFL paper-based test score of at least 580, or
 - a TOEFL computer-based test score of at least 237, or
 - a TOEFL Internet-based score of at least 92.

Offer of a place in a course at an Australian higher education institution

Applicants for ALA Scholarships must provide evidence of an unconditional offer of a place in an appropriate course at an eligible Australian education institution for full time studies commencing in Australia in 2008. Offers that include conditions relating to meeting additional English language proficiency or any other conditions will not be accepted by the ALA Scholarship program. Applicants presenting a conditional offer letter will be deemed ineligible.

Applicants should complete all requirements for securing an unconditional offer by 30 June 2007 to ensure the required documentation (offer letter or other institution correspondence etc) is received by the ALA Scholarship deadline of 31 July 2007.

The awards are offered for candidature commencing in 2008.

Further information/application forms:

www.ausaid.gov.au/scholar/ala.cfm

Deadline for applications:

Monday, 16 July 2007 for applications **by mail** to the appropriate Australian High Commission, Embassy or their Managing Contractor.

Tuesday, 31 July 2007 for applications submitted **online**.

32. The Australia-Israel Scientific Exchange Foundation Postgraduate Fellowship Award

The Australia-Israel Scientific Exchange Foundation (AISEF) was established in 1997, with the specific vision to nurture ties between the academic institutions of Australia and Israel.

The Australia-Israel Scientific Exchange Foundation serves the academic communities of Australia and Israel, and the enrichment, which the cooperation and collaboration between the two countries bring, can be shared by all.

The Foundation established an award for postgraduate students in Australian and Israeli universities to undertake part of their research for their PhD in matching institutions in Israel and Australia. The award, AU\$5,000 for a period of up to six months, has been awarded to nine Australian and Israeli students. The funds for this award have come from private donations.

For further information/application forms:

<http://www.swinburne.edu.au/hosting/aisef//index.html>

Deadline for applications:

Monday, 16 July 2007 with the Monash Research Office

Friday, 27 July 2007 with the Australia-Israel Scientific Foundation Exchange

33. 2008 Endeavour Postgraduate Awards

The Endeavour Postgraduate Awards provide full financial support for international students for up to 3 years to undertake a postgraduate qualification at a Masters or PhD level either by coursework or research in any field of study in Australia.

The Endeavour Postgraduate Awards aim to:

- enable high achieving international students to undertake a postgraduate qualification either by coursework or research in their chosen field of study in Australia;
- strengthen bilateral ties between Australia and the participating countries;
- showcase Australia's education sector;
- strengthen mutual understanding between the people of Australia and award holders' home countries; and
- build international linkages and networks.

Value and duration

Payment Type	Amount
Travel Allowance	\$AUD5,000
Establishment Allowance	\$AUD5,000
Monthly Stipend (up to 3 years on a pro-rata basis)	\$AUD2,500
Tuition Fees per semester (for up to 3 years)	Up to \$AUD10,000

Funding is available for up to 2 years for a Masters degree and up to 3 years for PhD courses.

Funding will be provided to cover the cost of standard Overseas Students Health Cover (OSHC) for the duration of the award.

Funds are not available to support accompanying dependants or for return visits to the home country.

Award holders must spend a minimum of 12 months and a maximum of three years at their host institution.

Eligibility

To be eligible for an Endeavour Postgraduate Award, applicants must:

- be citizens or permanent residents of a [participating country](#) and physically resident in that country (those holding dual Australian citizenship or permanent residency status in Australia are ineligible to apply)
- have a completed undergraduate degree that demonstrates high academic achievement

- demonstrate [English language proficiency](#)
- have applied for and gained admission to a Masters or PhD course in Australia (conditional letters of offer will be accepted at the time of application). Information on Australian universities and courses can be found at <http://www.studyinaustralia.gov.au/>.

Award holders must commence their approved programme and award during 2008. Applicants who have commenced or intend to commence their programme at their host institution in 2007 are ineligible for an award.

For further information/application form:

www.endeavour.dest.gov.au/awards_by_country/for_internationals/for_asian_applicants/endeavour_postgraduate_awards.htm

Deadline for applications:

Tuesday, 31 July 2007 with DEST

34. 2008 Endeavour Research Fellowships

The Endeavour Research Fellowships provide financial support for postgraduate students and postdoctoral fellows from Australia to undertake short-term research (4-6 months), in any field of study. The research is to be undertaken in participating countries within the Asia/Pacific region and the Middle East.

For further information please see entry 18 on page 9 of this News Bulletin.

35. Holsworth Wildlife Research Endowment – Postgraduate Student Research Support in ecology, wildlife management and natural history studies

Holsworth Wildlife Research Endowment invites applications by Universities for post-graduate student research support in the fields of ecology, wildlife management and natural history studies.

Eligibility

Preference will be given to students at an early stage of a Masters or Doctoral program. Honours projects will normally not be supported.

Benefits

Grants of up to \$5,000 will be awarded for the purchase of equipment, supplies, travel to study areas and conferences. These grants will be renewable for a period of 2 to 3 years provided that the student maintains satisfactory progress.

Scholars holding senior positions at universities and other research institutions within the above mentioned academic fields are entitled to nominate candidates for the Holberg Prize. Nominations are strictly confidential. They shall not be disclosed to the nominee or to others, not even after the prize winner has been announced.

Further information/application form:

www.anz.com/aus/fin/Trustees/guNamed.asp#Holsworth

Deadline for applications:

Thursday, 20 September 2007 with the Monash Research Office

Monday, 1 October 2007 with the Holsworth Wildlife Research Fund

36. Foundation For a Rabbit Free Australia: Post-Graduate Research Grant 2008

The Foundation for Rabbit-Free Australia was established in 1990 to support rabbit research and to promote community awareness of the rabbit problem. Through RFA, concerned people can donate money directly to research. The Foundation has funded some small regional projects and also seeks to broker larger research opportunities.

The Foundation invites grant applications from students in agricultural science, natural resource management, agricultural economics or social science who are currently enrolled in approved Masters or Doctorate degrees with research that relates to the management and control of feral rabbits or to the species or ecosystems that are affected by feral rabbits.

Grants will be awarded on a competitive basis and may provide up to \$5000 to support:

- overseas travel for a study tour; OR
- attending and presenting research results at a relevant international or national conference; OR
- a visit by an eminent overseas scientist, working on rabbits or in a related field, to Australia to mentor the student and address Australian and/or regional conferences; OR
- the purchase of essential equipment required for the post-graduate, rabbit-related research and development project.

The Grant is open to Australian citizens or students that have been continuously resident in Australia for two years immediately preceding the closing date for applications. Applicants must be currently enrolled Masters or PhD students.

For further information/application form:

www.rabbitfreeaustralia.org.au/grants.htm

Deadline for applications:

Friday, 26 October 2007 with the Foundation for a Rabbit Free Australia

37. DuPont Australia and New Zealand Innovation Awards

2007/08 Tertiary Student Award

This special award will recognise a Tertiary Student (undergraduate or postgraduate) that has designed and/or developed an innovative technology, product or service while undertaking studies in the period 1 January 2004 and 2 November 2007.

Benefits

All finalists will be invited to attend the Awards Presentation in Sydney in May 2008 where the 2007/08 Tertiary Student Award winner will be announced. The prestigious award, sponsored by ABB, is an official event of the National Innovation Festival and will provide students access to industry and government leaders with opportunities to further develop designs and ideas.

Further information/application forms:

Deadline for applications:

Friday, 2 November 2007 with DuPont Innovation Awards

PART F - DATES AND DEADLINES

July 2007

Monday, 9 July 2007

- Faculty of Science Supervisor Accreditation – Level 1 Workshop.

Tuesday, 10 July 2007

- Deadline for applications for the International Science Linkages Programme for Scientific Visits in FY 2008/09 with the Monash Research Office.

Wednesday, 11 July 2007

- Symposium on Contaminated Soil and its Remediation.

Friday, 13 July 2007

- Seminar – Electron tomography – a new perspective for materials microscopy

Monday, 16 July 2007

- Deadline for applications for DEST – Australia Scholarships – Australian Leadership Awards (ALA) by mail to the appropriate Australian High Commission, Embassy or their Managing Contractor.
- Deadline for applications for the Monash University and the Commonwealth Scientific and Industrial Research Organisation (CSIRO) - Round 4 of the Collaborative Research Support Scheme (CRSS) with the Monash Research Office.
- Deadline for applications for FAST programme grants with DEST.

Thursday, 19 July 2007

- Deadline for applications for the Schering (Ernst) Foundation Postdoctoral Fellowships with the Monash Research Office.

Friday, 20 July 2007

- Deadline for applications for Australian Academy of Science – Grants for international travel with International Programs, Australian Academy of Science.

Monday, 23 July 2007

- Deadline for applications for the Seafood Development Industry Fund (SIDF) with the Monash Research Office.
- Deadline for applications for the ATSE – Clunies Ross Award with the Monash Research Office.

Wednesday, 25 July 2007

- Climate Change Forum: Tackling the Problems with Real Solutions

Thursday, 26 July 2007

- Media training for scientists.

Friday, 27 July 2007

- Deadline for applications for the Australia-Israel Scientific Exchange Foundation Postgraduate Fellowship Award with the Australia-Israel Scientific Foundation Exchange.

Monday, 30 July 2007

- Deadline for applications for the Dairy Australia – New Research and Development Projects 2007/08 funding with Dairy Australia.

Tuesday, 31 July 2007

- Deadline for applications for the Faculty of Science – Margaret Clayton – Women in Research Postdoctoral Fellowship 2008.
- Deadline for applications for DEST – Australia Scholarships – Australian Leadership Awards (ALA) submitted online.
- Deadline for applications for DEST – 2008 Endeavour Research Fellowships with DEST.
- Deadline for applications for DEST – 2008 Endeavour Postgraduate Awards with DEST.
- Deadline for the submission of an EOI for ATSE – Support for Frontiers of Science and Technology Missions and Workshops with ATSE.

August 2007**Thursday, 2 August 2007**

- Deadline for applications for the 2007-2008 young Tall Poppy Science Awards with the Tall Poppy Campaign.

Friday, 10 August 2007

- Deadline for applications for NHMR Program Grants – Round 2, 2007 for those wishing to apply earlier (decision to be made in late 2007) with the Monash Research Office.

Tuesday, 21 August 2007

- Deadline for applications for the Academy of Science Awards with the Monash Research Office.

Thursday, 30 August 2007

- Deadline for applications for the 2007 B-Hert Awards with B-Hert.

Friday, 31 August 2007

- Deadline for applications for the Australia-Germany Joint Research Co-operation Scheme with the Monash Research Office.
- Deadline for nominations for the Wolf Foundation – Prizes in Sciences and Arts with the Wolf Foundation.

September 2007**Thursday, 20 September 2007**

- Deadline for applications for the Holsworth Wildlife Research Endowment – Postgraduate Student Research Support in ecology, wildlife management and natural history studies with the Monash Research Office.

October 2007**Monday, 1 October 2007**

- Deadline for nominations for the Millennium Technology Prize with the Millennium Prize Foundation.

Tuesday, 23 October 2007

- Deadline for applications for the Seafood Development Industry Fund (SIDF) with the Monash Research Office.

Friday, 26 October 2007

- Deadline for applications for the Foundation for a Rabbit Free Australia: Postgraduate Research Grant 2008 with the Foundation for a Rabbit Free Australia.

November 2007

Friday, 2 November 2007

- Deadline for applications for the 2007/08 DuPont Australia & New Zealand Innovation Awards with DuPont Innovation Awards.

December 2007

(No entries)