Upcoming Events

14 Aug 3MT Faculty final
When: 2:30pm-4:30pm
Where: Sir James Foots Building, SMI Seminar Room

23 Aug UQ ECR Scheme information session
When: 11-12
Where: Senate Room, Brian Wilson Chancellery
Register: RGUoperations@research.uq.edu.au

18 Sep Undergraduate Research Conference
Where: Innes Room, first floor, UQ Union
Web: http://www.uq.edu.au/undergraduate/urc

27 Aug Big Cake Bake. The Red Cross Big Cake Bake is on again. Last year saw an RSVP list of over 100 staff and students from all corners of the campus, all enjoying the delicious home baked goodies on offer and donating the change they had in their pockets.
When: from 10:30am
Where: Co-op Bookshop
Register: email Kylie Newton

Navigating Bureaucracy – Tips and Tricks

As you know, UQ launched its new travel form in July and all travel requests are done in UniFi.

If you are combing personal travel with work-related travel, you need to be aware of Fringe Benefit Tax (FBT) implications. If your private travel exceeds the amount of work related travel, FBT will apply. In this case, you will need to pay half of the airfare from private funds.

The finance crew have been to FBT training and they can help you. Please drop in or email finance@mechmining.uq.edu.au before you plan your trip.

Teaching and Learning

A range of teaching resources is now available on the School’s website (e.g. information on examinations, timetables, tutors).

Congratulations

The Engineering Postgraduate Conference was held on 4 June 2012. Congratulations to the winners of the School’s prizes –

- The Professor Klaus Bremhorst Prize for best presentation related to Mechanical Engineering and Energy (Sponsored by the Queensland Geothermal Energy Centre of Excellence) – Rajinesh Singh
- The Professor Don Nicklin Prize for the best presentation related to Mining Engineering (Sponsored by CRCMining) – Peter Beasley
- The Professor Raymond Stalker Prize for best presentation related to Mechanical and Aerospace Engineering (Sponsored by Centre for Hypersonics) – Dylan Wise
- The Professor Gordon Dunlop Prize for best presentation related to Materials Engineering (Sponsored by CAST) – Luigi Vandi
- The School of Mechanical and Mining Engineering Prize for Best 1st year presentation - John Dudley
- The School of Mechanical and Mining Engineering Prize for best journal article (Sponsored by the School Mechanical and Mining Engineering) – Dekui Mu

Congratulations to all the participants in the School’s 3MT heat. The winners were:
- 1st place – Dawid Preller
- 2nd place – Elise Fahy
- People’s Choice – John Varghese
Both Dawid and Elise move onto the Faculty final on Tuesday 14 August.

Environmental Management System Induction course

UQ’s Environmental Management System includes procedures that everyone must follow to ensure that the University meets its environmental responsibilities and works towards minimising any environmental impacts from its activities. This induction covers environmental duty of care and correct environmental practices and will be held on Tuesday, August 21, at St Lucia. It is particularly relevant for anyone working with hazardous materials. Enrol online.
Research

UQ Research and Innovation (UQR&I)
The UQR&I unit administers the research grants, contracts and IP and research performance of the university (http://www.uq.edu.au/research/rid/). To subscribe to the unit’s various newsletters (e.g. Research Bulletin, ARC Updates), visit http://www.uq.edu.au/research/rid/forms/render.php?form=mailing-lists/subscribe

Supervision of RHD students
There are Staff Development programs for supervisors of RHD students –
- Becoming an Effective Advisor Program
- Research Supervision and Coordination
We encourage new staff, and RO staff new to supervision to complete these programs.

RHD Scholarships: TUAP
The top-up assistance program (TUAP) is available to support foreign government sponsored students whose living allowances are below the equivalent dollar value of an APA scholarship (e.g. CSC). Under this scheme, the Graduate School and the enrolling unit will supplement the living allowance by co-funding the difference between the foreign government scholarship stipend and the current APA rate. Where the difference between the foreign government scholarship and the APA rate is greater than $10,000 per annum, the Graduate School’s contribution will be capped at $5,000 per annum. Please refer to the Graduate School website for further information http://www.uq.edu.au/grad-school/out-of-round-scholarship. To nominate a student for the TUAP the School/Institute is required to complete the ‘Nomination for TUAP’ form, which is available at http://www.uq.edu.au/grad-school/forms-staff.

Funding

UQ Postdoctoral Research Fellowships for Women 2013: Applications Now Open
The purpose of the Fellowships is to assist eligible women to re-establish their academic research careers following a career break or interruption. Prospective applicants should consider the Guidelines and Conditions of Award available on the UQ Research and Innovation website, prior to completing an application. Further information, including the Guidelines, Conditions of Award and Application Form are available online: http://www.uq.edu.au/research/rid/fellowships-women and are due by close of business on 7 September 2012.

ARC Linkage Projects
The ARC Linkage Projects scheme supports collaborative research and development projects between higher education organisations and other organisations, including within industry, to enable the application of advanced knowledge to problems. The ARC has advised that only one round of ARC Linkage Projects (for funding commencing in 2013) will be held this year. Proposals are expected to open in September 2012. Please register with our ARC Mailing List to receive updates on this year’s Linkage round as soon as information from the ARC is available.

Short Term Visiting Fellowships in China
The University of Queensland’s Confucius Institute is now calling for applications from academic staff in EAIT for the opportunity to research and study in China. Up to $10,000 is available in 2012 to an early or mid-career (between 3-10 years of research experience since the award of PhD) academic staff member from EAIT for a visiting fellowship of one to three months at Tianjin University (http://www.tju.edu.cn/english/). Applicants should submit an expression of interest no later than August 31, stating the nature of their proposed visit and how the visit will contribute to strengthening the research collaborations between UQ and TU within science, engineering and technology. Further details on page 4.

UQ Early Career Researcher (ECR) Grants Scheme
Applications are now open for the ECR Grants scheme for funding commencing in 2013. The scheme aims to encourage research by new members of staff; provide limited seed funding as a means of generating external research support; and to support, on a competitive basis, high quality research projects of modest financial cost from early career researchers. For the purposes of the scheme, an ECR is someone who is currently within their first eight years of academic or other research-related employment, allowing for uninterrupted, stable research development, following completion of postgraduate research training. Applications are due by 5pm on 24 September and further details are available online: http://www.uq.edu.au/research/rid/grants-internal-ecr.

A summary of Graduate School RHD scholarships is on page 5.

Funding

2013 DIISRTE Short-Term Mobility Program
The program provides funding for short term mobility experiences (as opposed to semester-long exchanges) and is open to all discipline areas (guidelines and application form were emailed to all staff in July). A selection committee made up of the DVC (I), DVC (A) and the Director (OUE), will rank the applications prior to submitting them to DIISRTE. The deadline for submission to the UQ Selection Committee is Thursday, 23 August.

Australia-China Science and Research Fund – Group Mission
Group missions are visits by Australian groups to China or Chinese groups to Australia to achieve specific purposes related to research and research-driven innovation. Further details are available here: http://www.innovation.gov.au/Science/InternationalCollaboration/ACSRF/Pages/GroupMissions.aspx
Chemical Inventory, labelling and disposal of chemicals

In August the School will focus on the Chemical Inventory, Chemical Labelling and Chemical Waste Disposal issues. Each lab needs to do the following and report back to Kim through the designated laboratory manager.

It’s time to review your chemicals and discard those which are no longer used, out of date or whose containers are in poor condition. Here’s what you need to do:

1. Review chemicals in your laboratory and decide what is no longer required (this will help you in step 2)

2. Contact the Chemical Store to dispose of all your unwanted and properly labelled chemicals following the Waste Disposal Procedure which can be found at www.uq.edu.au/ohs/index.html?page=35890. Scroll down till you see “Chemical Waste Disposal” (most Chemicals we use must be disposed of be through the Chemical Waste System). The full Chemical Waste Procedure can be found at: http://www.uq.edu.au/sustainability/docs/policiesprocedures/pro_ChmWste.pdf

3. When you follow the procedure given in step 2 you will be asked to identify where the waste is to be collected from. The Chemical Waste Collection point is located in the walkway connecting the Frank White Building and the Frank White Annexe.

4. DO NOT place any UNLABELLED or UNKNOWN chemicals or chemicals in unsuitable containers at the waste collection points for collection. If you have any unknown or unlabelled chemicals to dispose of contact Aaron Baxter (facilities@eait.uq.edu.au) for further information.

5. Update your chemical register / inventory using the latest template which can be found on this page: http://www.uq.edu.au/ohs/index.html?page=35890. Scroll down till you see “Chemical Inventory (2011)” Once you have completed your 2012 chemical register, send a copy of it to Kim Lamb.

6. Check Labelling of ALL containers complies with the University guidelines on labelling which is found at: http://www.uq.edu.au/ohs/pdfs/OHYG-labellingchemicals.pdf and put new, compliant labels on those containers that require it.

Please contact Kim or Aaron if you need any further help.

Chemical Safety news article

Please see this article in Chemical Engineering News:- http://cen.acs.org/articles/90/web/2012/07/University-California-Reaches-Agreement-Connection.html. In summary, a chemistry professor has been charged over the death of a student due to the lack of safe conditions in a research lab that he was in charge of. The student was not wearing a lab coat when her clothes caught fire and she died from the results of her injuries. The charges were:

(1) failure to train, supervise, or instruct the student in the proper handling and operating procedures for working with chemicals in her work area;

(2) failure to implement and maintain an effective Injury and Illness Prevention Program that include methods and/or work procedures; and

(3) failure to require appropriate clothing be worn for the work being done.

Recommendations have included (this list is a brief summary of some of the points and is not exhaustive):

- All staff to be trained in laboratory safety before working
- Standard Operating Procedures (SOPs) to be developed for all laboratory work
- All lab users to formally acknowledge they have read and understood the SOP by signing before working
- Principal Investigators to complete independent assessments as to the adequacy of Personal Protective Equipment afforded to laboratory personnel, relative to each new or existing procedure utilized within a respective laboratory
- Appropriate PPE (including lab coats) to be provided and worn
- People not wearing PPE to be removed from the lab and this removal to be officially documented
- Chemical register to be maintained

This article highlights the need to take safety seriously.
SHORT TERM VISITING FELLOWSHIP IN CHINA – APPLICATIONS NOW OPEN

The University of Queensland’s Confucius Institute is now calling for applications from academic staff in Faculty of Engineering, Architecture and Information Technology (EAIT) for the opportunity to research and study in China.

Up to $10,000 is available in 2012 to an early or mid-career (between 3-10 years of research experience since the award of PhD) academic staff member from EAiT for a visiting fellowship of one to three months at Tianjin University (http://www.tju.edu.cn/english/). The Confucius Institute at UQ will provide assistance, if needed, to the visiting fellow for contact with TU and local accommodation arrangement.

Tianjin University, the Confucius Institute’s Chinese partner university in teaching and learning in science, engineering and technology, is 112km south-east of Beijing and is one of the State’s key universities.

The visiting fellow is expected to:

- Work on a research project in collaboration with staff at TU or on a project that will benefit from local research environments at TU, and/or to explore opportunities of collaboration between EAiT and related faculties at TU in research and teaching.
- Undertake the visit before the beginning of Semester 1, 2013.
- Submit a report on activities during the visit to Professor Graham Schaffer, Dean of Faculty of Science and Professor Ping Chen, Director of UQ Confucius Institute after returning to Australia.

UQ’s Confucius Institute, based on the St Lucia Campus, aims to deepen and diversify the intellectual and scholarly links between Australia and China, encourages the learning of Chinese language and culture, and supports, facilitates and initiates collaborations between UQ and Chinese universities. Details of CI are available on http://www.uq.edu.au/confucius.

FURTHER DETAILS:
Contact Professor Ling Li at l.li@uq.edu.au

Applicants should submit via email to Ling an expression of interest no later than August 31, stating the nature of their proposed visit and how the visit will contribute to strengthening the research collaborations between UQ and TU within science, engineering and technology.
**Graduate School Scholarship Support**

**Note:** Domestic RHD candidates do not pay tuition fees during their studies. International candidates are liable for tuition fees for each semester for which they are enrolled.

The following scholarship schemes are allocated by the UQ Graduate School. These scholarships can be awarded either *individually* or as a combined *scholarship package* depending on the candidate’s financial situation, their ability to meet eligibility requirements, and the UQ Research Scholarship General Conditions.

<table>
<thead>
<tr>
<th>Scholarship Scheme</th>
<th>Who is eligible?*</th>
<th>What does it cover?</th>
<th>Are there conditions?*</th>
<th>How to apply?</th>
<th>When to apply?</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Postgraduate Research Scholarship (IPRS)*</td>
<td>International RHD candidates</td>
<td>• Full tuition&lt;br&gt;• OSHC&lt;br&gt;• up to 6 semesters&lt;br&gt;• 1 extension request</td>
<td>• Must have an unconditional offer&lt;br&gt;• Commencing students only</td>
<td>Candidates must be nominated by their enrolling unit for “in-round” consideration</td>
<td>At point of application for admission</td>
</tr>
<tr>
<td>UQ Centennial Scholarship (UQ Cent)</td>
<td>International RHD candidates</td>
<td>• Living stipend&lt;br&gt;• up to 6 semesters&lt;br&gt;• 1 extension request</td>
<td>• Recipients of a tuition scholarship only&lt;br&gt;• Commencing students only</td>
<td>Candidates must be nominated by their enrolling unit for “in-round” consideration</td>
<td>At point of application for admission</td>
</tr>
<tr>
<td>UQ International Scholarship (UQI) (tuition and living)</td>
<td>International RHD candidates</td>
<td>• Full tuition waiver&lt;br&gt;• Living stipend&lt;br&gt;• up to 6 semesters&lt;br&gt;• 1 extension request</td>
<td>• Must have an unconditional offer</td>
<td>Candidates must be nominated by their enrolling unit for “in-round” consideration</td>
<td>At point of application for admission or in first round after confirmation</td>
</tr>
<tr>
<td>UQ International Scholarship (UQI) (tuition)</td>
<td>International RHD candidates</td>
<td>• Full tuition waiver&lt;br&gt;• Up to 6 semesters&lt;br&gt;• 1 extension request</td>
<td>• Must have living stipend (self-funded students are not eligible)</td>
<td>Candidates can be considered “out-of-round”</td>
<td>At any stage</td>
</tr>
<tr>
<td>Australian Postgraduate Award (APA)</td>
<td>Domestic RHD candidates</td>
<td>• Living stipend&lt;br&gt;• up to 6 semesters&lt;br&gt;• 1 extension request</td>
<td>• Must have an academic qualification equivalent to a Bachelor’s degree with Honours Class I</td>
<td>Candidates must be nominated by their enrolling unit for “in-round” consideration</td>
<td>At point of application for admission</td>
</tr>
<tr>
<td>UQ Research Scholarship (UQRS)</td>
<td>Domestic RHD candidates</td>
<td>• Living stipend&lt;br&gt;• up to 6 semesters&lt;br&gt;• 1 extension request</td>
<td>• not eligible for an APA</td>
<td>Candidates must be nominated by their enrolling unit for “in-round” consideration</td>
<td>At point of application for admission or first round after confirmation</td>
</tr>
<tr>
<td>UQ Advantage RHD Scholarship (UQAdv)</td>
<td>Domestic and international RHD candidates</td>
<td>• Stipend top-up&lt;br&gt;• up to 6 semesters&lt;br&gt;• 1 extension request</td>
<td>Commencing students only&lt;br&gt;<strong>International:</strong>&lt;br&gt;• IPRS/UQCent recipients only&lt;br&gt;<strong>Domestic:</strong>&lt;br&gt;• APA or UQRS recipients only</td>
<td>Candidates must be nominated by their enrolling unit for “in-round” consideration</td>
<td>At point of application for admission</td>
</tr>
<tr>
<td>Graduate School International Travel Award (GSITA)</td>
<td>Domestic and international RHD candidates</td>
<td>• Up to $5000 for travel and living costs to overseas destinations</td>
<td><strong>For travel that is relevant and academically justifiable but not essential to the completion of the thesis</strong>&lt;br&gt;• Complete the GSITA application form and budget spreadsheet and submit to UQ Graduate School</td>
<td>By the deadline stated on graduate school website (4 rounds per year)</td>
<td></td>
</tr>
</tbody>
</table>

*APAs may be awarded to IPRS scholarship recipients*
Adjunct Professor Stewart Gill, Principal of Emmanuel College

warmly invites you and a guest to the inaugural

**Engineering Dinner**

**on Friday 14 September 2012**

at Emmanuel College
Sir William MacGregor Drive, St Lucia, Queensland

** * * * * * * * * * * *

**Guest speaker – Professor Jose Torero**

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**Pre-dinner drinks at 6.30pm**
**Dinner at 7.30pm**

Professor Jose Torero is a Fellow of the Royal Academy of Engineering (UK) since 2010 and The Royal Society of Edinburgh (UK) since 2008. Until recently he held the BRE/RAE Chair in Fire Safety Engineering at the University of Edinburgh and was the head of the BRE Centre for Fire Safety Engineering. Professor Torero is currently Head of School, Civil Engineering at The University of Queensland.

Cost: $95 per person / $180 per couple / $900 named table of 10
Visit [www.emmanuel.uq.edu.au/upcoming_events](http://www.emmanuel.uq.edu.au/upcoming_events)
to download a registration form or contact Sharon Burridge, details below.
Payment in advance by credit card or cheque made payable to Emmanuel College

RSVP by Tuesday 11 Sept 2012 to Sharon Burridge
Telephone: 07 3871 9362
Facsimile: 07 3870 7183
Email: s.burridge@emmanuel.uq.edu.au

Dress code: lounge suit/semi-formal

Please note that there is extremely limited parking on College grounds