One of the features of the Confucius Institute at The University of Queensland (UQ CI) is its focus on science, engineering and technology (SET). As well as supporting Chinese language and culture instruction, the UQ CI aims to support, facilitate and initiate collaborations between UQ and Chinese universities – Tianjin University (TU) in particular, which is the CI’s Chinese partner university – in teaching and learning within SET. The CI will provide up to $10,000 in 2010 to support a staff member from EAIT on a short-term (1-3 months) visit to Tianjin University.

The visiting fellowship covers the international airfare between Brisbane and China, and contributes towards costs of accommodation and subsistence in China. 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, or to explore opportunities of collaboration between EAIT and related faculties at TU in research and teaching.

He/she is required to submit a report on activities during the visit to Professor Graham Schaffer, Dean of EAIT, and Confucius Institute after returning to Australia. The Confucius Institute at UQ will provide assistance, if needed, to the visiting fellow for contact with TU and local accommodation arrangement. Details of CI are available on www.uq.edu.au/confucius.

Those who are interested please contact Professor Ling Li (l.li@uq.edu.au) for further information. Applicants should submit to Ling before July 1st a letter explaining the nature of their visit and how the visit will contribute to strengthening the research collaborations between UQ and TU within SET.
Projects needed

The School has a group of **South China University of Technology (SCUT)** commence each semester who enrol as Study Abroad students in a modified BE (Mechanical Engineering) program and complete their ‘thesis’ through enrolment in MECH4950 (a Special Topics course that serves as engineering project planning) and ENGG4011 (engineering project following on from MECH4950). We also have students who undertake the **ME (Engineering Science)** program are required to complete a #4 unit project ([http://www.engineering.uq.edu.au/](http://www.engineering.uq.edu.au//engineering-science)).

As such, there will be students looking for projects and supervisors in late July. Please ensure you enter your project details online through the Staff Intranet as both groups will use this to determine what types of projects are on offer ([http://www.eng.uq.edu.au/ug_theses.php](http://www.eng.uq.edu.au/ug_theses.php)).

**Please note that in 2010 the Head of School will give $1k to SoMME staff (into ACA account) who supervise a project for a SCUT or ME (Engineering Science) student to defray project expenses.**

There are also projects needed for two specific groups of students, CSC postgraduate research students, and summer research scholarship students:

**CSC**

The Faculty would like to confirm and update its participation in the China Scholarship Council (CSC) scheme in 2011, and provide prospective CSC students and partner institutions in China with a list of Faculty RHD projects that are available under this scheme. These will be posted on the Faculty website and are also used by staff travelling to various partner institutes as a means to attract high quality RHD students into our schools and centres. **Please note the following important implications:**

1. The CSC funds a living stipend for students.
2. The School/supervising unit will forego its share of the tuition for students under this scheme (i.e.: there will be no fee charged and no tuition received).
3. Additional funding for living allowance (roughly in the area of AU$5000-$8000 per student per year) will have to be paid by the in order to ‘top up’ the CSC living stipend which is unfortunately not enough to adequately fund living costs in Australia.

If you have a project you would like to offer, please complete the attached form (CSC projects 2011).

Further information about the CSC is available here: [http://en.csc.edu.cn/](http://en.csc.edu.cn/)

**Summer Research Scholarships**

The 2010/2011 Summer Research Scholarship Program is now open. This program offers scholarships to students who are engaged in research internships over the summer vacation period (mid-November to mid-February). Students are awarded a $300 per week scholarship for 10 weeks. The scholarship is funded 50% by the Office of Undergraduate Education (OUE), and 50% by the student’s supervisor. If a non-UQ student based outside Brisbane is chosen to receive a scholarship, then the same funding split will apply to the contribution towards travel expenses and accommodation. Further information is available online: [http://www.uq.edu.au/study/scholarships/?page=104601](http://www.uq.edu.au/study/scholarships/?page=104601)

If you are interested in offering a project over summer, please complete the attached form (Summer Research Projects 2010). When applications close on 30 August, you will be sent the applications for all students who applied for your project. You will then be able to select the recipient/s for your project.
Congratulations

- Congratulations to Yassmin Abdel-Magied, a 3rd year Mechanical Engineering student who was the Suncorp Young Queenslander of the Year winner. Ms Abdel-Magied is the founder of Youth Without Borders, an advocacy group that strives to empower youth to work together to implement positive change within their communities in Australia and overseas.

- Congratulations to Prof Arne Dahle who will receive an Honorary Doctorate in Materials Engineering from Jonkoping University in Sweden in September.

- Congratulations to CAST CRC – they received the STAR Award at the CRC Association Awards for Excellence in Innovation dinner in Alice Springs on May 28. The film clip of the award-winning ingot casting technologies for aluminium smelter cast houses is available for viewing on CAST’s YouTube channel.

- Prof Richard Morgan was invited to join NASA and Japanese scientists in measuring the re-entry of the Hayabusa mission after seven years in space. Story: UQ News.

- Congratulations to Assoc Prof Ma Qian who won one of the two Best Paper Awards (Stream 1) at the 4th Australian JSF Advanced Technology and Innovation Conference 3-5 May 2010 Melbourne for his talk on “Light Metal Design for Electron Beam Direct Manufacturing”. Electron beam direct manufacturing (EBDM) is a novel additive near-net shape metal fabrication technique. The high cooling rates of the process enable local solidification to occur under conditions far removed from thermodynamic equilibrium, providing opportunities for novel alloy design out of the traditional space. Funded by Lockheed Martin (USA) through collaboration with Monash University within the ARC Centre of Excellence for Design in Light Metals, this project aims at designing and creating an entirely new range of aluminium alloys that will leverage the near-rapid solidification conditions of EBDM to produce radically improved properties in bulk component profiles. Driven by Australian participation in the F-35 Joint Strike Fighter Programme, the project is part of the national efforts to develop Australia’s advanced manufacturing base for many years to come.

Fulbright Professional or Senior Scholarship in Nuclear Science and Technology

The Fulbright Program is one of the largest and most prestigious educational exchange programs in the world. The Australian-American Fulbright Commission is one of over 50 Fulbright Commissions worldwide who work with the United States Department of State to facilitate the Fulbright Program between the United States and 155 countries worldwide.

The Australian Nuclear Science and Technology Organisation (ANSTO) along with our Fulbright partner is offering a Fulbright Professional or Senior Scholarship in Nuclear Science and Technology with a value of up to $A 40,000.

Applications for Fulbright Australian Scholarships for 2011 opened 1 June 2010 and will close 31 August 2010. Applicants need to be Australian citizens.


Gladstone Industry Contacts

The protocol office may be hosting an event in Gladstone. If you have any industry contacts in Gladstone, can please send their name and contact details to Rose (r.clements@uq.edu.au) by COB Monday 28 June?

Assoc Prof Ma Qian with Australian Air Vice-Marshall John Harvey PM NACC