Upcoming Events

28 Mar  **UQ Library Training: Incites**  
When: 11:30am – 12:30pm  
Where: Duhig Building, eZone 3  
Register: r.newsham@library.uq.edu.au

29 Mar  **Dealing with Student Complaints**  
When: 2-3pm  
Where: Senate Room, Brian Wilson Chancellery

23 April  **Final and Deferred/Supplementary exam papers due to Chief Examiners**

30 April  **Final and Deferred/Supplementary exam papers (hard and soft copy) due to School Office**

4 May  **Submission date for academic promotion.** Any staff who intend to apply for promotion will need to have completed an annual review by 2 weeks prior to this date.

RWH Hawken Scholars

47 new scholars (38 domestic, 9 international) have been added as RWH Hawken Scholars for 2012, bringing the total number of scholars in the program to 200. All recipients of UQ Vice Chancellors, UQ Excellence and Faculty International Scholarships are also a part of the RWH Hawken Scholars program. The program aims to:

- provide a forum for our high achieving scholarship students in engineering, IT and architecture to build connections with each other and with leaders/representatives of industry, politics, academia and community
- enable students to gain an insight into political, industrial, economic and social issues, providing them with a broader understanding of the world and a better grounding for their university and future professional work
- provide priority access to research, international exchange, mentoring, ambassadorial and industry-supported opportunities.

UQ Library Training: Incites

Incites is a customised, web-based research evaluation tool developed by Thomson Reuters. This session will have a particular emphasis on how to use Incites to assist individual academics and small research teams to benchmark their work and explore their collaboration metrics. This sort of information is often useful in the track record section of grant applications, and Incites is a potentially useful tool for relevant information for this section of a grant. Details on the training session are under ‘Upcoming Events’

Rewarding excellence in learning and teaching

Nominations are now invited for the UQ Awards for Teaching Excellence (ATE) Awards for Programs that Enhance Learning (APEL), and Citations for Outstanding Contributions to Student Learning (COCSL). Further information about each award program, including procedures, nomination forms, submission templates and important dates can be found on the T&L website (www.uq.edu.au/teaching-learning/index.html?page=7417). Nominations for all awards close on Friday, April 13.

Congratulations

Congratulations to the following staff who were awarded UQ LIEF 2013 Funding – A/Prof Mingxing Zhang, Prof Han Huang and A/Prof Matthew Dargusch.

Staff Resources

The ‘Staff Resources’ page on the School’s homepage has been updated to include information on inductions and departures for staff and students.
Exams

There have been changes to Section 5.7.3 of PPL 3.10.02b Assessment - Procedures (http://ppl.app.uq.edu.au/content/3.10.02-assessment). Examiners or delegates are NOT required to be present at central examinations, however must be contactable by telephone during the conduct of the examination. It had been noted that it could be problematic for examiners to attend examination venues for the commencement of examinations, particularly where the examination was allocated across multiple venues, and sometimes at opposite sides of the campus. Attendance at examination venues also made it difficult for examiners to be contacted by telephone for clarification on the examination paper or to respond to a student enquiry arising at another venue.

English Proficiency

Senate recently approved changes to the IELTS scores required for meeting the English Language Proficiency (ELP) requirement for admission to all UQ programs from 2013. Applicants will be required to achieve the following IELTS scores for admission to research higher degree programs:

<table>
<thead>
<tr>
<th>Test</th>
<th>Overall Band Score</th>
<th>SUB BAND SCORES</th>
</tr>
</thead>
<tbody>
<tr>
<td>IELTS</td>
<td>Minimum of 6.5</td>
<td>Minimum of 6.0 for all sub bands</td>
</tr>
<tr>
<td>Paper Based TOEFL</td>
<td>Minimum of 570</td>
<td>Minimum of 5 for Test of Written English and 54 for Listening &amp; Reading</td>
</tr>
<tr>
<td>Internet Based TOEFL</td>
<td>Minimum of 90</td>
<td>Minimum of 21 for Writing and 20 for Speaking, Listening &amp; Reading</td>
</tr>
</tbody>
</table>

The new scores will apply with immediate effect for applications received for commencement in 2013.

Applications that have been approved and offers already issued will not be re-assessed. This includes conditional offers where students are advised that they need to achieve an IELTS score of 6.5 (overall) and 6.0 (writing). Please note, however, that the IELTS test date must still be within a two-year period from the date of commencement of the program at UQ.

Students who defer commencement to 2013 and beyond, will be re-assessed as per standard practice. In these instances, ELP will be assessed according to the new IELTS scores prior to a new offer letter being issued.

Funding

UQ Foundation Research Excellence Awards

Applications are now open. The scheme is a means by which the Uni recognises demonstrated excellence and promise of future success in research, and the leadership potential of individual young researchers in their respective fields. The Guidelines, Conditions of Award and Application Form are available online at: http://www.uq.edu.au/research/rid/grants-internal-research-excellence-awards. Applications must be submitted to the HoS by COB Tuesday 8 May 2012.

BAJC Expressions of Interest

The BAJC program provides funding support for research projects to develop innovative technologies of interest to Baosteel. Details of the program, priority areas, funding rules and application forms (EOI Template) are available at http://www.bajc.org.au/funding-opportunities. The deadline for EOI submissions is Friday 6 April 2012. BAJC Deputy Director, A/Prof Geoff Wang, will give an information session on the following date:

When: Thursday, 22 March 2012, 2-4pm
Where: AIBN Building #75, Ground level seminar room
RSVP: Ms Grace Cheng g.cheng@uq.edu.au for catering purposes

Atlas Copco Scholarship Applications

A reminder that the deadline for applications is Friday 30 March. This travel scholarship is a chance for a student to learn more about Atlas Copco and the mining industry while visiting sites in Sweden and Australia. The scholarship is open to AusIMM Student members studying at Australian, New Zealand and Papua New Guinean universities in the final two years of their Bachelor’s Degree in technical courses of relevance to the minerals industry. To learn more about the scholarship and to access the online application form please follow the link: http://www.ausimm.com.au/content/default.aspx?ID=150

New Risk Management Database

Please be advised that the upgrade to the new Risk Management Database has occurred, and both the live and training databases are now available for use. This is also a reminder that training in risk management is available via the UQ Staff Development website: https://staffdevelopment.hr.uq.edu.au/program/PEOWS and that in addition to this formal training, informal drop-in sessions have been scheduled to assist users who are having difficulties completing risk assessments on the new version of the database. Bookings are not required.
AMSI Internship Program

AMSI Intern is an innovative university and industry collaboration connecting business and other organisations to the vast research expertise in Australia’s universities. In this program, small to medium sized businesses can receive federal government support to offer 4 to 5 month internships for PhD students (usually those who have just submitted their theses). Students receive $3,000 per month, and their academic mentor receives a one-off payment of $5,000.

It is a great way to forge research relationships with a small to medium sized enterprises, and there are options for working with government departments and larger enterprises.

The program has a large scope and is placing students from all disciplines. RHD students (with support from their academic mentors) have worked with Industry Partners on projects that range from investigations of exotic weeds in a regional park and analysis of national dairy farmer surveys, to demand modelling for public transportation and analysis of microbial fuel cells in a new waste treatment process.

Many of the universities AMSI work with have identified 'Industry Engagement' is a key area of focus in the coming years, and in light of this the AMSI Intern program is being utilised to assist those universities strive to reach the industry engagement targets set out by the university. The program assists to build and establish new opportunities with industry, for instance working with companies who may be somewhat apprehensive about working with a large university, this program allows them to engage and slowly integrate into working with a university on a research challenge or problem. The time commitment of only 4-6 months and the minimal financial commitment (part funded by Enterprise Connect) is very attractive, with the program often leading onto larger projects working with the academic once the intern has completed the placement.

This program also assists in strengthening existing relationships, for example new projects that are in premature stages having an intern conduct the ground work to get the project to a level where it can be handed back to the academic to further build on.

It is also recognised as track record for ARC linkage grants, and in many cases where there has been failed linkage grants academics are scaling back the projects and placing an intern to conduct a small component of the project and will apply for the linkage in the next round.

AMSI is also interested in developing relationships with potential Industry Partners in the Queensland area. If you have some ideas for industry partners and projects, or if you are interested in talking this through further, then please contact:

Cate Ballard
Business Development Manager, AMSI
cate@amsi.org.au.

Further information for students is on page 4, information for supervisors is on page 6.
Are you a Post Graduate Student ready to take the next step?

Enhance your career opportunities!
Apply for an AMSI internship at www.AMSIIntern.org.au

The Program

AMSI Intern is an innovative university and industry collaboration connecting business and other organisations to the vast research expertise in Australia’s universities. Postgraduate students under the guidance of an experienced researcher is the key to the partnership between business and university. Interns are drawn from all disciplines. Armed with a technical and fresh skill set, you can bring a new perspective and the latest knowledge to a research challenge. Enhance your employment opportunities, establish professional networks and gain industry experience.

Who is AMSI?
AMSI is the national collaborative venture of Australia's mathematical sciences agencies and universities with a wealth of postgraduate internship experience across all disciplines.

Who are the interns?
Interns must be undertaking postgraduate studies at an Australian university. Those that have just completed a PhD are welcome to apply too.

Am I eligible?
AMSI Intern is for Australian students and international students enrolled at an Australian university when the visa permits work in Australia.

How long are projects?
4-5 months depending on the nature of the project.

How much will I get paid?
Interns will be paid a stipend of $3000 per month, which is paid by the Industry Partner. AMSI Intern provides pre-placement training for interns to ensure they are fully prepared and are job ready for the workplace environment. The supporting academic is also recognised for their participating in the program and is paid a $5000 payment.

Who will mentor the project?
All mentors are senior researchers at Australian universities.

What is the role of the mentor?
Academic mentors provide guidance to the intern during the project and are in regular contact with the Industry Partner.

How do I find an Industry Partner?
The AMSI Intern team will assist you to find an Industry Partner, however it’s encouraged that you to speak with your academics supervisors to engage their already existing industry contacts.

How are projects developed?
The industry partner identifies a challenge requiring the expertise of an AMSI Industry Intern, this challenge is then developed into a project by the intern, mentor and industry partner. All projects are refereed by 2-3 senior researchers before they commence.

What is AMSI Intern's policy regarding Intellectual Property (IP)?
AMSI Intern makes no claim whatsoever to IP. Ownership of Project Intellectual Property created during the project will vest upon its creation in the Industry Partner.
Modelling commodity prices

**Mentor:** Dr Nino Kordzakhia - Macquarie University  
**Intern:** Dr Karol Binkowski  
**Industry Partner:** Dr Pavel V. Shevchenko - CSIRO  
**Project Duration:** 3 months

This project aims to develop a stochastic volatility model to explain the non-Gaussian behaviour in commodity prices and implied volatility skew in option prices. The model will extend a two-factor framework published in Management Science by Schwartz and Smith in 2000.

"I am sure it was beneficial for the Intern’s further career as he learnt important models, techniques and programming skills. This project strengthened collaborative links between mathematicians in CSIRO Mathematical and Information Sciences and Macquarie University.”

Dr Pavel Shevchenko - Industry Partner, CSIRO

Dr Karol Binkowski, Dr Nino Kordzakhia and Dr Pavel V. Shevchenko
Focused on Industry Collaboration within your area of research?

Academic Mentor + Student & Industry Partner = Collaboration

The AMSI internship program strengthens the connection between industry and Universities.

The Program

AMSI Intern is an innovative university and industry collaboration connecting business and other organisations to the vast research expertise in Australia's universities.

A graduate student or recent post-doctoral fellow under the guidance of an experienced researcher is the key to the partnership between business and university. Interns are drawn from all disciplines. Supported by an Academic Mentor, the intern brings a new perspective and the latest knowledge to a research challenge faced by a business.

Who is AMSI?

AMSI is the national collaborative venture of Australia’s mathematical sciences agencies and universities with a wealth of postgraduate internship experience across all disciplines.

Who are the interns?

Interns must be undertaking postgraduate studies at an Australian university. Those that have just completed a PhD are welcome to apply too.

Why be an Academic Mentor in the AMSI Intern Program?

- Industry Engagement - strengthen existing partnerships with industry and the opportunity to create new partnerships
- Financial Contribution - $5000 is paid to you for your participation in the program
- Increase opportunities for ARC Linkage Grants, with the AMSI Intern program being recognised as track record
- Contribute to interesting industry projects

How are projects developed?

The industry partner identifies a challenge requiring the expertise of an AMSI Intern Industry Intern, this challenge is then developed into a project by the intern, mentor and industry partner. All projects are refereed by 2–3 senior researchers before they commence.

How long are projects?

4–5 months depending on the nature of the project.

How are the projects funded?

Academics are paid $5000 for their participation in the program. This is paid into a research account of their choice. Interns will be paid a stipend of $3000 per month by the Industry Partner

Eligible projects

A proposed project must:

- develop a new idea with commercial potential within the business
- involve activities that are not currently being carried out in the business
- involve activities which will create new competencies and capabilities within the business that are aligned with the business strategy

What is the role of the mentor?

Academic mentors provide guidance to the intern during the project and are in regular contact with the Industry Partner.

What is AMSI Intern’s policy regarding Intellectual Property (IP)?

AMSI Intern makes no claim whatsoever to IP. Ownership of Project Intellectual Property created during the project will vest upon its creation in the Industry Partner.

"This internship has proved very valuable for us, we have decided to continue the project beyond the AMSI internship."

Dr Rene Rozendal (mentor)
Modelling commodity prices

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Dr Pavel Shevchenko - Industry Partner, CSIRO

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**APPLY NOW**

www.AMSIIntern.org.au

Contact AMSI Intern Manager  
Cate Ballard on  
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fax: +61 3 8344 6324  
email: cate@AMSIIntern.org.au

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c/- The University of Melbourne  
Victoria 3010 Australia

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