Upcoming Events

1 April  Examinations and Assessment  
A SASD Seminar focusing on the administrative aspects of exams with a view to improving business processes and communications with academic and administrative staff.  
When: 2-3pm  
Where: Senate Room

1 April  Re-opening of the Mansergh Shaw Building  
When: 4:00-5:30pm  
Where: Mansergh Shaw Courtyard  
RSVP d.mahony@eng.uq.edu.au

12 April  South-East Queensland’s Future Weather and Climate: What it means for Industry, Government & the Community  
The climate is changing and the question is “what’s around the corner”? This one day forum will consist of talks and panel discussion by the experts. For further details: http://www.gpem.uq.edu.au/docs/events/AMOSSEQfutureweather_2011pg2.pdf  
When: 8:45 am – 4:15 pm  
Where: QLD Museum Theatre, South Bank  
Cost: Admission $55, students $30, UQ Alumni $40 (Lunch and refreshments provided)  
Registration: http://www.amos.org.au/events

14 April  Managing OH&S in the Laboratory  
When: 9am-4pm  
Where: International House, Rock Street  

29 April  Semester 1, 2011 Final and Special and Supplementary Examination papers due to School office

Hazard Alert
Brian Logan, Occupational Hygiene Adviser, has requested that the hazard alert on page 5 be distributed and be forwarded to all staff and acted upon as appropriate.

UQ Wellness and Weight Watchers At Work
The Weight Watchers® At Work Program, a premium service offered in the convenience of the workplace is being offered again. We understand how busy life can be, with challenges to fit so many commitments in each day, so now Weight Watchers can come to you.

Key Features and benefits of the Program include:
- education-based, choosing healthy food that keeps you feeling fuller for longer, keeping hunger at bay,
- how to have a healthy relationship with food,
- incorporating daily exercise and activity,
- confidential on-site weekly weigh-ins, group support meetings held weekly on-site, one-to-one advice, and program material to support members.

The cost for the 13 week program (being facilitated Tuesday lunchtime and commencing April 5) is $233.35. If you have not yet enrolled and would like to do so, please email v.mcnabb@uq.edu.au asap.

Diversity Week
Diversity Week is fast approaching. The closing date for Diversity Week Activity Grants is Friday 1 April. Please get involved and apply for funding for relevant activities. Full details can be found at: http://www.uq.edu.au/diversity-week/staff

Assignment Submission
This is a reminder of the hours of operation of the Assignment Facility:

- The window is open between 10:00am & 2:00pm. You are encouraged to access the Assignment Facility at these times for pick up and delivery of marked assignments, if convenient.
- The Assignment Facility is staffed from 9:00am to 4:00pm. If there is no-one in attendance between these hours, please call in to the EAIT Faculty office for assistance.

The Assignment Facility staff are happy to give you and your tutors any assistance within this time frame. Thank you for your co-operation.

R&ID Organisational Chart
An Organisational Chart for the Research and Innovation Division can now be downloaded from the R&ID website:

Fire Safety
Please remember to complete the annual online fire safety module each year (and before your performance review). The URL for the Annual Fire Safety is - http://elearn.com.au/uq2/
Awards

UQ Foundation Research Excellence Awards - Opening of Applications
Applications are now open for the 2011 UQ Foundation Research Excellence Awards (FREA). The UQ FREA scheme is a means by which the University recognises demonstrated excellence and promise of future success in research, and the leadership potential of individual young researchers in their respective fields. The general aim of the scheme is to provide funds to advance and facilitate the research agenda of excellent, individual early career researchers, noting that an individual's research agenda might cover more than one project. Applications must be submitted to the Head of School by close of business, Friday 6 May 2011. The Guidelines, Conditions of Award and Application Form are available on the R&ID website at: http://www.uq.edu.au/research/rid/grants-internal-research-excellence-awards

UQ Awards for Teaching Excellence (ATE), Awards for Programs that Enhance Learning (APEL) and Citations for Outstanding Contributions to Student Learning (COCSL)
Nominations are now invited for the University’s ATE, APEL and COCSL awards. UQ fosters and acknowledges excellence in its learning and teaching environment by recognising and rewarding its academic and general staff through three annual award programs. Nominations for all awards close Thursday 21 April 2011. Further information about each award, including guidelines, nomination awards, submission templates and important dates can be found on the Teaching and Learning website: http://www.uq.edu.au/teaching-learning/index.html?page=7417

- **Awards for Teaching Excellence:** These awards give recognition to teachers renowned for the excellence of their teaching, which is supported by evidence of their broad and deep contribution to enhancing the quality of learning and teaching at UQ. In 2011 there will be five awards, with a prize value of $10,000 each.
- **Awards for Programs that Enhance Learning:** These awards recognise learning and teaching support programs and services that make an outstanding contribution to the quality of student learning and the quality of the student experience at UQ. In 2011 there will be up to four awards, with a prize value of $10,000 each.
- **Citations for Outstanding Contributions to Student Learning:** These awards recognise and reward individuals or teams who make a significant contribution to student learning in a specific area of responsibility over a sustained period, and who are widely acknowledged for their achievements within a faculty or the wider university community, and who have received strong endorsements within their area. Successful nominations will receive a grant of $4,000.

Grants

International Graduate Summer School in Aeronautics and Astronautics, 2011
The International Graduate Summer School in Aeronautics and Astronautics, 2011, will be held in Beihang University, formerly known as Beijing University of Aeronautics and Astronautics, from July 12th to July 20th. The theme of the summer school is Advances in Aeronautics and Astronautics. Beihang University will cover the travel expenses of successful applicants up to a maximum of 10,000 yuan RMB per overseas student, 1US$=6.77¥. Free lecturing materials and accommodation for students recruited will also be provided. Applications are due April 25. For further information please visit http://igss.buaa.edu.cn.

Platypus Asset Management Research Grant: Call for Research Proposals
(www.platypusassetmanagement.com.au)
Platypus Asset Management seeks to expand its research capabilities. As part of this initiative, Platypus is offering funding for research on the broad area of Australian equities to a (full-time or part-time) member of staff at any university or research institute in Australia. Platypus invites applications from researchers at any stage of their career with backgrounds in economics, business, statistics, mathematics, physics, or engineering. Support will be for A$50,000 per annum for three years, plus A$5,000 per annum for conference attendance, contingent upon satisfactory progress reports. Applications should include a project description that consists of aims and background, the significance of the research, the approach to be used, and expected outcomes. A detailed budget accompanied by a justification, as well as a CV of the applicant with complete list of publications and previous grants awarded should also be included. The application, not including the CV of the applicant and list of publications, should be no more than 5 pages in length. Please send proposals by 15th June 2011 to Peter Brooke: Email- pbrooke@platypusassetmanagement.com.au
Post- Level 16, Suite 1602, 1 Alfred Street, Sydney, NSW, 2000.

Conferences

2011 International Conference on Advanced Design and Manufacturing Engineering (ADME 2011)

IEEE Industrial Electronics Society (IECON 2011)
Call for Papers: IECON 2011, 7-11 November 2011, Melbourne, Australia
Further details: www.iecon2011.org

2011 International Conference on Textile Engineering and Materials (ICTEM 2011)
**Construction, Refurbishment & Maintenance Requests**

In order to coordinate requests for P&F involvement for facilities maintenance and new work please do NOT contact P&F directly unless in an emergency when Eddie Platt (e.platt@uq.edu.au, 0466 655124) should also be contacted.

Please ensure that where possible, all building/facilities issues are brought to the attention of the local supervisor in the first instance and then requests for:

- **Maintenance** (e.g. faulty aircon units, broken lights, dripping taps, etc.) are to be sent through the appropriate Building Manager (for us, it’s Aaron Baxter a.baxter@uq.edu.au) who will request P&F involvement as required or,
- **New work** (eg. construction, building modifications, moving or installing data points or GPO’s, modifying doors/windows, relocations, etc), contact Harry Penkeyman (h.penkeyman@uq.edu.au or 0417 779738) who will request P&F involvement and oversee as required. Please also speak to Kim Lamb before contacting Harry so we can provide the correct account to Harry for use and ensure funds can be used for the purpose requested.

This will enable EAIT Faculty Facilities to provide continuity when dealing with P&F and any associated contractors whilst also ensuring that the response can be expedited in the most efficient and effective manner.

For your information, the new P&F website is available and shows the services they offer in detail. [http://www.pf.uq.edu.au/maintenance.html](http://www.pf.uq.edu.au/maintenance.html)

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**Library News March 2011**

**New Subscriptions for 2011**
- **DieselNet**: full text of technical reports in the area of diesel engine emission
- **Knovel**: ebook platform with fantastic interactive search tools
- **Proquest Digital Dissertations**: full text of theses and dissertations from around the world
- **Wiley online library reference works**: encyclopaedias and handbooks in all areas of engineering

**New Books**
For all recent titles please check What's New to UQ Library Collections. Let me know if you would like me to purchase any specific titles to help you with your teaching/research - [http://library.uq.edu.au/screens/newtts.html](http://library.uq.edu.au/screens/newtts.html) click on technology

**Training**
EndNote workshops will be held in the Dorothy Hill Engineering and Sciences Library (Bldg 50) on:
1. Wednesday March 30, 2011, 9:30am to 11:30am
2. Thursday May 12, 2011, 9:30 am to 11:30 am

The workshops will cover:
1. Setting up an EndNote library and importing references from databases e.g. Web of Science.
2. Working with EndNote and Word to write papers and create bibliographies.

Workshop bookings can be made online: [https://www.library.uq.edu.au/training/](https://www.library.uq.edu.au/training/).

Cristina Ghiculescu
Research Information Service Librarian
c.ghiculescu@library.uq.edu.au

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**Advice from UQ International about dependents of RHD students attending Queensland public schools**

If you are representing the University in discussions with scholarship bodies, please do not provide any advice that State School fees will be waived for dependents of overseas RHD students as the Queensland State School fee waiver scholarship program is currently under review. Note that there is a maximum of 300 scholarships available at any one time and 344 are currently granted. Please also note that the details of the scholarship schemes found at the following websites is outdated -


UQ International will advise when the review is complete.

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**Mansergh Shaw**

Thank you for your patience and good humour during the move to the Mansergh Shaw and Frank White Buildings.

We have consolidated the School admin and finance team on Level 2 of the Frank White Building with the aim that this will enable us to help you more effectively and efficiently.

Some general items for noting:

- General stationary and mail for staff located in Mansergh Shaw will be stored in 45-408.
- General stationary and mail for staff located in the Frank White Building will be stored in 43-203 and 43-402.
High course evaluation scores: Semester 2 2010

The Head of School and the School’s Teaching and Learning Committee congratulate the following course coordinators for the following SECaT (student course evaluations) in Semester 2 2010.

**High overall results**
The following courses received overall scores above 4.25 in Semester 2 2010.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Course Coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVM7301</td>
<td>Vegetation &amp; Habitat Rehabilitation</td>
<td>Dr. David Doley (SMI)</td>
</tr>
<tr>
<td>MINE3126</td>
<td>Underground Mining Systems</td>
<td>Prof. Brian White</td>
</tr>
<tr>
<td>MECH4460</td>
<td>Energy &amp; Environment</td>
<td>Dr. Bo Feng</td>
</tr>
<tr>
<td>METR3800</td>
<td>Mechatronic System Design Project II</td>
<td>Dr. Ben Upcroft</td>
</tr>
<tr>
<td>MECH4552</td>
<td>Major Design Project</td>
<td>Dr. Peter Jacobs</td>
</tr>
<tr>
<td>MINE3124</td>
<td>Mine Ventilation I</td>
<td>Dr. Saiied Aminossadati</td>
</tr>
<tr>
<td>MINE4121</td>
<td>Mine Management</td>
<td>Professor Peter Knights</td>
</tr>
</tbody>
</table>

**High response to Question 8**
The following courses received high responses to Question 8 (above 80%).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Course Coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>AERO3000</td>
<td>Flight Mechanics &amp; Avionics</td>
<td>Professor Russell Boyce</td>
</tr>
<tr>
<td>METR4202</td>
<td>Advanced Control &amp; Robotics</td>
<td>Dr. David Ball (ITEE)</td>
</tr>
<tr>
<td>AERO3100</td>
<td>Aerospace Materials</td>
<td>A/Prof. Martin Veidt</td>
</tr>
<tr>
<td>AERO4100</td>
<td>Aero Design &amp; Manufacturing</td>
<td>Prof. Michael Smart</td>
</tr>
<tr>
<td>ENVM7301</td>
<td>Vegetation &amp; Habitat Rehabilitation</td>
<td>Dr. David Doley (SMI)</td>
</tr>
<tr>
<td>MECH2210</td>
<td>Dynamics &amp; Orbital Mechanics</td>
<td>Dr. Paul Meehan</td>
</tr>
<tr>
<td>MECH3305</td>
<td>Science &amp; Engineering of Materials</td>
<td>A/Prof. Mingxing Zhang</td>
</tr>
<tr>
<td>MECH3410</td>
<td>Fluid Mechanics</td>
<td>Dr. Matthew Cleary</td>
</tr>
<tr>
<td>MECH4301</td>
<td>Materials Selection</td>
<td>A/Prof. Carlos Caceres</td>
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<tr>
<td>MECH4460</td>
<td>Energy &amp; Environment</td>
<td>Dr. Bo Feng</td>
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<tr>
<td>MECH4552</td>
<td>Major Design Project</td>
<td>Dr. Peter Jacobs (100%)</td>
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<tr>
<td>MECH4800</td>
<td>Space Engineering</td>
<td>Prof. Richard Morgan</td>
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<tr>
<td>METR3800</td>
<td>Mechatronic System Design Project II</td>
<td>Dr. Ben Upcroft</td>
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<tr>
<td>MINE3106</td>
<td>Minerals Industry Visit</td>
<td>Dr. Basil Beamish</td>
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<tr>
<td>MINE3124</td>
<td>Mine Ventilation I</td>
<td>Dr. Saiied Aminossadati</td>
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<tr>
<td>MINE3125</td>
<td>Rock Breakage</td>
<td>Prof. Paul Lever</td>
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<td>MINE3126</td>
<td>Underground Mining Systems</td>
<td>Prof. Brian White</td>
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<tr>
<td>MINE3128</td>
<td>Surface Mining Systems</td>
<td>Dr. Mehmet Kizil</td>
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<tr>
<td>MINE4121</td>
<td>Mine Management</td>
<td>Prof. Peter Knights</td>
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<tr>
<td>MINE4125</td>
<td>Coal Mine Design &amp; Feasibility</td>
<td>Dr. Mehmet Kizil</td>
</tr>
</tbody>
</table>

Enrolment dates for Teaching Periods 2012

<table>
<thead>
<tr>
<th>Teaching Period</th>
<th>Number of teaching weeks</th>
<th>Linked to</th>
<th>Start</th>
<th>End</th>
<th>Census Date</th>
<th>Final Date to enrol &amp; to add/change</th>
<th>Final date to cancel</th>
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</thead>
<tbody>
<tr>
<td>TP1</td>
<td>4</td>
<td>Summer 11</td>
<td>3/1/12</td>
<td>28/1/12</td>
<td>9/1/12</td>
<td>3/1/12</td>
<td>9/1/12</td>
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<tr>
<td>TP2</td>
<td>8</td>
<td>Sem 1</td>
<td>6/2/12</td>
<td>31/3/12</td>
<td>17/2/12</td>
<td>6/2/12</td>
<td>17/2/12</td>
</tr>
<tr>
<td>TP3</td>
<td>8</td>
<td>Sem 1</td>
<td>10/4/12</td>
<td>2/6/12</td>
<td>20/4/12</td>
<td>10/4/12</td>
<td>20/4/12</td>
</tr>
<tr>
<td>TP4</td>
<td>8</td>
<td>Sem 2</td>
<td>2/7/12</td>
<td>25/8/12</td>
<td>13/7/12</td>
<td>2/7/12</td>
<td>13/7/12</td>
</tr>
<tr>
<td>TP5</td>
<td>8</td>
<td>Sem 2</td>
<td>27/8/12</td>
<td>20/10/12</td>
<td>7/9/12</td>
<td>27/8/12</td>
<td>7/9/12</td>
</tr>
<tr>
<td>TP6</td>
<td>4</td>
<td>Summer 12</td>
<td>19/11/12</td>
<td>15/12/12</td>
<td>26/11/12</td>
<td>19/11/12</td>
<td>26/11/12</td>
</tr>
</tbody>
</table>
Electrical Safety – Lab Microcentrifuge

Summary of Incident / Event

A microcentrifuge purchased recently failed electrical safety testing in the IMB electrical workshop. The centrifuge (Benchmark) is manufactured in the USA and supplied by an Australian distributor (ProSciTech). The workshop technician found:

1. No earth wire connected to the metal motor shaft
   - No Earth continuity to the motor shaft and this shaft can be exposed when rotors are interchanged—this may pose an electrical safety risk, as the rotors are designed to be easily interchangeable by the user.
2. Non-compliant rewiring of the new Australian plug
   - This equipment has a USA cord attached with non Australian Standard colour coding (white, black, green). The new plug is also wired incorrectly as the black wire is not looped and secured.
3. Not tested and tagged.
   - No Electrical TEST & TAG attached to the modified plug and lead.

The Electrical Safety Act 2002, S 33 Obligation of importer of electrical equipment states:

(1) An importer of electrical equipment has an obligation to ensure that the electrical equipment is electrically safe.
(2) Without limiting subsection (1), the obligation includes ensuring that the electrical equipment—
   a) is designed to be electrically safe; and
   b) is tested and examined to ensure it is electrically safe.

Comments & Recommendations

All purchases of electrical equipment must be made in accordance with the UQ Electrical Equipment purchasing guideline and inspected upon delivery by a qualified person for compliance with the relevant standards and legislation. This item has been returned to the supplier with a letter explaining the reasons for its return. IMB workshop staff have tested a number of similar products and can provide advice on quality and safety of different brands and models.

Contact for Additional Information

Brian Logan
Email: b.logan@uq.edu.au
Phone: 07 3365 2365

Paul Lovelock
Email: p.lovelock@imb.uq.edu.au
Phone: 07 3346 2211