2006 continues to be a busy year for research in the Faculty, with a wide range of interesting research projects underway in the various Research Centres and Schools.

The mid-year Faculty Grants have been awarded (see details inside). While we continue to receive a respectable number of high-quality applications for the Collaborative Links and Publication Assistance Grants, there has been a considerable lull in applications for Small Grants and, particularly, Early Career Grants. As well as making some changes to the guidelines (which will be communicated in advance of the next round of funding in November), Brin and I will be talking to the Heads of Schools and working with individual academics to increase the quantity and quality of applications for these schemes.

There are a number of external research schemes currently open (see information inside, as well as the regular email alerts sent to all academic staff). Please take careful note of the internal and external deadlines for submission of these grants as the Office of Research policy on late submission has been revised (see section inside on Research Administration); and ensure that you have your applications signed by the relevant people (Head of School/Unit, Dean and FRC Chair) before the internal submission date.

The University will again be offering Honours Scholarships for 2007; and the Faculty will be offering Summer Scholarships for the 2006/2007 summer break – so keep a lookout for the application details over the next few months if you know of eligible students who may be interested.

Thank you to everyone for your assistance in gathering the 2005 DEST information, and a HUGE thank you to Amanda Reid for taking on the mammoth task of liaising with HBS staff and collating all of the data. Overall, UOW received 1168.08 unweighted DEST points for 2005 – a 23.5% increase from 2004. For OUR faculty:

- We submitted a total of 240 publications in 2005 – a 15.5% increase from 2004, and not too far from the university increase of 17.5%

- BUT, of these 118 were DEST-eligible publications – a 5.5% increase compared to 2004, well below the university increase of 22.5%

So, the bottom line is that we really need to focus on increasing our DEST-eligible publications in 2006. You will note that this has been incorporated in the ranking criteria for several of the funding schemes, including HDR conference funding. Stay tuned for future initiatives to improve our DEST performance.

Remember this is your research newsletter, so please send items of interest to share with your colleagues (by email to Amanda Reid on areid@uow.edu.au).
Research News

<table>
<thead>
<tr>
<th>RESEARCH FUNDING</th>
<th>CONTACT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GENERAL SIR JOHN MONASH AWARDS [CLOSE 31 AUGUST]</strong></td>
<td>Elizabeth Phillips</td>
</tr>
<tr>
<td>Supports outstanding Australian citizens graduating from Australian universities to undertake PG study at the world's best universities (abroad) appropriate to their field of study.</td>
<td>x 4522</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:eliza@uow.edu.au">eliza@uow.edu.au</a></td>
</tr>
<tr>
<td><strong>AUSTRALIAN INSTITUTE OF NUCLEAR SCIENCE AND ENGINEERING (AINSE)</strong> [GRANTS CLOSE 14 SEPTEMBER]</td>
<td>Sharon Clarke</td>
</tr>
<tr>
<td>Provides funds to assist researchers to gain access to ANSTO and other AINSE facilities.</td>
<td>x 5815</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:clarke@uow.edu.au">clarke@uow.edu.au</a></td>
</tr>
<tr>
<td><strong>ARC FEDERATION FELLOWSHIPS [CLOSING DATE TBA]</strong></td>
<td>Julie Matarczyk</td>
</tr>
<tr>
<td>Open to distinguished researchers at the forefront of international research, currently working in Australia or overseas.</td>
<td>x 5874</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:juliema@uow.edu.au">juliema@uow.edu.au</a></td>
</tr>
<tr>
<td><strong>ARC LINKAGE INTERNATIONAL [CLOSE 13 OCTOBER]</strong></td>
<td>Elizabeth Phillips</td>
</tr>
<tr>
<td>Funding reciprocal visits between Australian and overseas researchers to foster collaboration and networking. Only existing ARC grant holders can apply.</td>
<td>x 4522</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:eliza@uow.edu.au">eliza@uow.edu.au</a></td>
</tr>
<tr>
<td><strong>ARC LINKAGE PROJECTS (ROUND 2) [CLOSE 24 NOVEMBER]</strong></td>
<td>Julie Matarczyk</td>
</tr>
<tr>
<td>Supports collaborative research projects that encourage and develop long-term strategic alliances between higher education institutions and industry.</td>
<td>x 5874</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:juliema@uow.edu.au">juliema@uow.edu.au</a></td>
</tr>
</tbody>
</table>

Research Administration

IMPORTANT NOTICE TO ALL RESEARCH STAFF AND STUDENTS

Due the consistently large numbers of late applications, the Office of Research has advised that they will be adhering strictly to the internal deadlines for all funding schemes. This means that if you do not submit your draft (and final) applications by the dates notified in the email from OoR, your application will not be submitted.

Research Online - Submission of Material - Submissions are needed for the new University digital archive promoting research. The aim is to make available DEST-assessed refereed journal articles and conference papers for the period 2000-5, and to link these to the publications in the new RIS system.

- The refereed version is needed, as accepted for publication (not the publisher's version!)
- Files are accepted in PDF or Word format
- File names should be in the form – lowercase, no spaces:
  - author surname | 1st 5 letters of article title | .doc
  e.g. Chee Fang, Geography of China => fanggeoigr.doc
- Files should be sent to Michael Organ, Project Manager – Research Online, email to: morgan@uow.edu.au
From July, a new Centre has been established to develop and deliver tertiary educational resources to raise awareness and understanding about dementia among health care professionals across disciplines with the aim of enhancing services provided to people with dementia and their carers.

A/Prof Victoria Traynor (who joined us from the UK earlier this year) is the Director of the new Centre, run by the School of Nursing, Midwifery & Indigenous Health in conjunction with the Centre for Health Behaviour and Communication Research.

The project will develop and promote undergraduate and postgraduate dementia curricula and training resources, and offer a number of dementia-specific scholarships. Nurses, medical students, medical specialists, social workers, diversional therapists and psychologists are among the professionals who will benefit from the program.

UOW will receive $3.6 million from the total funding pool over the next three years, as part of a national initiative by the Department of Health & Ageing. According to Assoc Professor Traynor, “the success has been due to the strength demonstrated between the partnerships of the service providers and academic institutions”. “It is also a clear acknowledgement of the work done to date by the Nursing Schools at the University of Wollongong and Queensland University of Technology,” Professor Crookes said.

The University of Wollongong will lead a partnership of four academic institutions and four industry partners to host the Eastern Australia Dementia Training and Study Centre. The partners making up our Centre are:
- University of Wollongong
- Queensland University of Technology
- Griffith University
- University of Sydney
- Hammond Care Group
- UnitingCare: Aged Care NSW & ACT
- RSL Care QLD
- BlueCare QLD

The Eastern Australia Dementia Training and Study Centre will service metropolitan NSW, ACT and Queensland. Professor Crookes has also been asked to take on responsibility for the overall coordination of the four Dementia Study Centres across Australia.
Congratulations

Congratulations to new Professors Xu-Feng Huang and Linda Tapsell on their successful promotion.

Well done to Margaret Wallace, from the School of Nursing, Midwifery and Indigenous Health, on her successful application to the Teaching and Learning Scholars programme, within HBS. Margaret’s main aim is to fulfil the project entitled “Completing the Quality Cycle: engaging teacher participation in responding to student evaluations of subjects”. Margaret will need cooperation from staff at all levels, to maximise her impact and success with this project.

Congratulations to Moira Williamson, one of nine UOW academics who were amongst the winners of the prestigious Citations for Outstanding Contributions to Student Learning. The awards were made by the national body for Teaching and Learning in Higher Education, the Carrick Institute. This is the first year that these awards have been made, and UOW success in the awards highlight the University’s excellence in teaching and learning. She will receive a national citation and $10,000, to be presented at a function in Sydney in August.

Community Engagement

HBS Academic recognised for 15 years of community work

Mr Owen Curtis was awarded the Vice-Chancellor’s Award for Excellence in Community Engagement for 2006 in recognition of his many years of community engagement within the Illawarra and Shoalhaven regions.

Announced on the 23 May, the selection panel recognized his commitment to community outreach and its linkage with the School’s teaching, the high level of respect that he has earned within the medical and allied health professions and also noted his commitment to improving the health outcomes of high need communities.

Owen has developed what has been described as a “living laboratory” for staff and students of the School of Health Sciences. He has been able to attract grants and scholarships from community groups and foundations to support student involvement in these programs over many years. The colleagues who nominated Owen for this award listed many examples of initiatives that he has contributed to which have brought real and tangible benefits for the community. Some of the highlights include:

- The introduction of an exercise intervention program at Port Kembla Hospital – which has now developed into a stand alone department within the hospital;
- Development of the Exercise Science and Rehabilitation Clinic on campus which provides the opportunity for the community to access University staff and student skills;
- Development of the Workfit Model at the Shoalhaven District Memorial Hospital; and
- Development of Self Management Education Camps for Aboriginal and Torres Strait islander people with Diabetes in conjunction with the Aboriginal Medical Service.

Mr Owen Curtis was awarded the Vice-Chancellor’s Award for Excellence in Community Engagement for 2006 in recognition of his many years of community engagement within the Illawarra and Shoalhaven regions.
Publications

2005 DEST publication collection outcomes – We submitted 118 publications that met the DEST criteria last year. This is the highest number so far for HBS, reflecting the strength and growth of our faculty. A high publication output has continued this year:


South, T. and X.F. Huang (2006) Phenotypic variations between a fat-prefering strain and a macronutrient non-prefering strain of mouse. Diabetes, Obesity and Metabolism. 8:302-310


National and International Conference Posters: (CONT.)


From the research team in IIIMH:


Byrne, M.K. (2006). Pharmacotherapy and cognitive behavioural therapy: similarly cost effective compared with community referral for disadvantaged women with major depression. Evidence Based Mental Health, 9, 16.


**Conferences & Presentations**

Deanne Condon-Paoloni, Lindsey Harrison, and Heather Yeatman presented a paper: “Food Security and Community: How do we design studies that explore the link between theory and empirical data to improve health interventions” at the joint UOW UBC Multidisciplinary Project on Food Workshop, led by Prof Sneja Gunew, from UBC, Canada, and Assoc Professor Sharrad, from UOW, and held at UOW on July 10th-12th 2006.

Alison Bell from the School of Health Sciences delivered papers at 2 international conferences in July, and co-authored a number of posters as follows:


2. World Federation of Occupational Therapists Congress: Sydney, Australia. Paper: Review of physical risk factor assessment tools for work-related upper limb musculoskeletal disorders. Bell, AF; Simpson, KM; Weigall, FM.

**Posters:**

a) Influencing Population Health: the role for health professionals in raising standards in OHS. Weigall, FM; Bell, AF; Simpson, KM.

b) Our changing workforce: factors influencing work-related musculoskeletal disorders. Weigall, FM; Bell, AF; Simpson, KM.

c) Work-related upper limb musculoskeletal disorders- a review of psychosocial risk assessment tools. Weigall, FM; Bell, AF; Simpson, KM.
Sandra Jones presented an invited workshop at the Australia and New Zealand Buddhist Youth Conference entitled “Media: True or False”, followed by an interactive workshop facilitated by Louise Waters, Katie Rampling & Debbie O’Leary from CHBCR.

Danika Hall from CHBCR presented three papers at the inaugural Conference on Disease-mongering in Newcastle:

Members of the CHBCR team (Sandra Jones, Melissa Lynch and Samantha Reis) also presented five papers at the 5th International Conference on Drugs and Young People:

Posters


The team of Bob Barry, Stuart Johnstone and Adam Clarke in Psychology have also had 2 papers listed in the top 25 most downloaded papers in Clinical Neurophysiology from Jan-Mar 2006:-


The Neurobiology Research Centre for Metabolic and Psychiatric Disorders (NRC) aims to identify better drug targets via gaining a better understanding of how diseases work.

Specifically:

1. Study the mechanism of the development of obesity and search for better strategies to prevent and treat obesity and its metabolic related disorders.

2. Investigate the neuropathology of schizophrenia.

3. Study the interruption to brain development at an early stage which can alter chemically coded neural networks affecting behaviour in later life.

Our expertise lies in modern molecular neurobiological technology, animal behavioural test, and neuropharmacology.

The NRC has been a participant in the Neuroscience Institute of Schizophrenia and Allied Disorders (NISAD), via the NISAD-Wollongong Centre for Brain Research, since 1999. The NRC’s work through NISAD focuses on the brain pathology of schizophrenia, while National Health and Medical Research Council (NHMRC) and AstraZeneca Pharmaceutical Company based research focuses on chemical coded neural network in body weight control. Using beta-imager, molecular neurobiological, immunohistochemical and behavioural testing techniques, the NRC examines the brain pathology of cyto- and chemo-architecture in schizophrenia and neural networks controlling body weight.
### Research grants awarded – External

**HBS researchers have achieved some phenomenal grant successes this year:**

<table>
<thead>
<tr>
<th>Chief Investigator(s)</th>
<th>Amount</th>
<th>Funding Program</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Victoria Traynor, Patrick Crookes and Lyn Rees</td>
<td>$3.6 million (for the three-year project).</td>
<td>Department of Health &amp; Ageing</td>
<td>Establish the Eastern Australian Dementia Training and Study Centre.</td>
</tr>
<tr>
<td>Sandra Jones, Patrick Crookes and Chris Brewer</td>
<td>$30,000</td>
<td>Council of Deans of Nursing and Midwifery (Australia &amp; New Zealand)</td>
<td>“Development of a ranking of refereed journals in which Australian and New Zealand nursing and midwifery researchers publish their work”</td>
</tr>
<tr>
<td>Peter Caputi and Rohan Jayasuriya (BlueScope Steel)</td>
<td>$73,950</td>
<td>Second round of 2006 ARC Linkage Project applications (for funding to commence in July 2006).</td>
<td>“Post adoptive behaviour in IT enabled work systems: Using multi-method research to study implementation of enterprise systems in a large organisation”.</td>
</tr>
<tr>
<td>Julie Steele, Bridget Munro and Deirdre McGhee for the Biomechanics Research Laboratory</td>
<td>$24,000</td>
<td>IMB Community Foundation Grant</td>
<td>Develop and evaluate a practical resource booklet that will educate female athletes in the Illawarra on components of a well-fitted, well-designed and supportive bra appropriate to their athletic pursuits so that all young athletes, irrespective of breast size, can comfortably participate in sport and recreational pursuits without breast discomfort or pain.</td>
</tr>
<tr>
<td>Sarah Marshall, doctoral student</td>
<td>$4000</td>
<td>Schizophrenia Fellowship of NSW Research Trust Fund.</td>
<td>This will support completion of her project titled ‘A consumer evaluation of the collaborative recovery approach to case management: Improving the opportunity for recovery’.</td>
</tr>
<tr>
<td>Teresa du Bois, PhD student</td>
<td>500 euro</td>
<td>Bio-Space company, France</td>
<td>Student travel award</td>
</tr>
<tr>
<td>Victoria Traynor (with R Furragio, N Every &amp; M Brodnik)</td>
<td>$30,000</td>
<td>Department of Health &amp; Ageing's Dementia Community Grant Scheme</td>
<td>“Increasing Awareness of Dementia among Acute Care Staff”</td>
</tr>
</tbody>
</table>
Internal Research grants

2006-7 UIC International Links Grants - the successful recipients from HBS were:

<table>
<thead>
<tr>
<th>Name(s)</th>
<th>Amount</th>
<th>Project Description</th>
<th>Institution(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A/Prof Nigel Taylor</td>
<td>6,500</td>
<td>Humanoid Robot for Biometerological Evaluation (HURBIE)</td>
<td>Jozef Stefan Institute, Slovenia</td>
</tr>
<tr>
<td>Prof Patrick Crookes, A/Prof. Victoria Traynor, Ms Lyn Rees</td>
<td>8,020</td>
<td>Internationalisation Agenda: Dementia Research and Education</td>
<td>University of Stirling, UK. University of Bradford, UK.</td>
</tr>
<tr>
<td>Miss Bridget Munro, Prof. Julie Steele</td>
<td>6,920</td>
<td>Flat, fat feet in obese children: an international collaborative initiative</td>
<td>ETH Zurich, Switzerland. University of Tubingen (UKT)</td>
</tr>
</tbody>
</table>

UoW collaborative grant ($100K): Xu-Feng Huang, AstraZenca - Hypothalamus and genes controlling body weight set point.

Research Development Training Courses

These are available for you to improve and refresh your skills, so take advantage of the opportunity!!!

A workshop on research grant writing will be available in September/October:

**Session 1 – Wednesday 6 September, 9:30-4:30**

**Session 2 – Wednesday 4 October, 9:30-12:30 (optional)**

Workshops on various aspects of supervising higher degree research students are also available in the coming months:

**Policies and Procedures: Tuesday 5 September, 9:30-12:30**

**Roles and responsibilities: Tuesday 19 September, 9:30-12:30**

**Assisting completion: Tuesday 3 October, 9:30-12:30**
## FRC Grant Recipients – Round 2, 2006

### Collaborative Links Scheme

<table>
<thead>
<tr>
<th>Recipients</th>
<th>Project</th>
<th>Grant Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>A/Prof Victoria Traynor &amp; Ms Lyn Rees</td>
<td>Costs to bring Prof Laura Gitlin from USA to Australia to discuss collaborative research proposal.</td>
<td>$4,996.00</td>
</tr>
<tr>
<td>Prof Patrick Crookes, A/Prof Victoria Traynor &amp; Ms Lyn Rees</td>
<td>Travel costs for visits to USA and UK to consolidate collaborations in relation to new Dementia Training Study Centre.</td>
<td>$4,010.00</td>
</tr>
<tr>
<td>Dr Peter Caputi</td>
<td>Costs for Prof Felix Tan to travel from New Zealand to discuss IT Management research.</td>
<td>$1,400.00</td>
</tr>
</tbody>
</table>

### Small Grants Scheme

<table>
<thead>
<tr>
<th>Recipients</th>
<th>Project</th>
<th>Grant Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Simone Favelle &amp; Dr Stephen Palmisano</td>
<td>Attention to detail: The role of attention in detecting changes to novel objects.</td>
<td>$3,820.00</td>
</tr>
</tbody>
</table>

### Research Leaders Scheme

<table>
<thead>
<tr>
<th>Recipients</th>
<th>Project</th>
<th>Grant Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>A/Prof Victoria Traynor</td>
<td>Travel costs for Prof Helen Bartlett (Director, Australasian Centre on Ageing, University of Queensland) to travel to Wollongong.</td>
<td>$1,103.00</td>
</tr>
</tbody>
</table>

### Seeding Grants Scheme

<table>
<thead>
<tr>
<th>Recipients</th>
<th>Project</th>
<th>Grant Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>A/Prof Sandra Jones</td>
<td>An investigation of the relationship between time-perspectives and health behaviours.</td>
<td>$4,974.70</td>
</tr>
</tbody>
</table>

### Publication Assistance Scheme

<table>
<thead>
<tr>
<th>Recipients</th>
<th>Project</th>
<th>Grant Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>A/Prof Patrick Heaven</td>
<td>Research Assistance</td>
<td>$2,988.00</td>
</tr>
<tr>
<td>Mr Darryl McAndrew</td>
<td>Administrative Assistance</td>
<td>$1,756.20</td>
</tr>
<tr>
<td>A/Prof Sandra Jones</td>
<td>Research Assistance</td>
<td>$2,989.90</td>
</tr>
<tr>
<td>Dr Bridget Munro</td>
<td>Research Assistance</td>
<td>$2,827.14</td>
</tr>
</tbody>
</table>
**Higher Degree Research Student Conference**

The University will again be holding a Higher Degree Research (HDR) Student Conference this year, on Wednesday, 27 September 2006. HBS will be awarding prizes for the best poster and best presentation from a student in our Faculty. The Conference information is now available at -


**New Ventures**

Mitch Byrne has established some important research collaborations to further trial and develop Medication Alliance:

1) International research collaboration (externally funded) with Western State Hospital, Tacoma, Washington USA. Involvement of Eastern State Hospital, also within Washington State (near Spokane), with the state Child and Adolescent facility in Washington state still under negotiation.

2) Interstate research collaboration with Monash University (Prof Graham Meadows) on application to Rotary ($60,000) to trial with GP’s.

**Key work at University of Wollongong recognized in new book**

A new book by Susan Allport has been released, entitled “The Queen of Fats. Why Omega-3s were removed from the western diet and what we can do to replace them”. Importantly, Chapter 11, “The speed of life” clearly documents the significance of the research conducted by Tony Hulbert and Paul Else at the University of Wollongong. The author tells the story of their research over the years and the development of key hypotheses regarding energy balance. The Omega-3 research timeline ends with the observation that in 1999 “(the discovery by Tony Hulbert and Paul Else) creates a new way of looking at the role that greens and seed play in human health and a framework on which to hang all the other findings about omega-3s” (p.157).

Todd Mitchell’s work a highlight of Australian chemistry

Work by Dr Todd Mitchell, (Associate Research Fellow in the School of Health Sciences) that was partially funded by an FRC Early Career Researcher Grant has been featured in the ‘Highlights of Australian Chemistry’ section of ‘Chemistry in Australia’, the official journal of the Royal Australian Chemical Society. The research involved the development of a method to pinpoint the position of double bonds in phospholipids using mass spectrometry, a previous limitation of the technique. The work was conducted with Michael Thomas and Stephen Blanksby from the UoW Chemistry department, and was originally published in the ‘Journal of the American Chemical Society’ in January this year.

**Research in the media**

Associate Professor Sandra Jones conducted a media conference on Tuesday 6 June, attracting widespread coverage. She called for an urgent overhaul to the current alcohol advertising regulation system, revealing how an independent panel of experts found the codes and regulations were repeatedly breached.

The collaborative project was undertaken by Professor Sandra Jones and her team from the Centre for Health Behaviour and Communication Research (including Danika Hall) and Geoff Munro from the Australian Drug Foundation (Melbourne). It was funded by VicHealth.

Associate Professor Jones said that it is essential to lobby for a review of, and changes to, the current alcohol advertising regulation system including a stricter pre-vetting system, the quantity of complaints about breaches considered, faster adjudication time, consideration of one-off promotions, consideration of non-traditional media and enforceable decisions. She also discussed the need for further research into community standards in alcohol advertising.
**Library Tips**

**Australian Social Science Data Archive**

ASSDA collects datasets from academic and government studies, surveys and opinion polls. The free raw data is predominantly Australian, but also includes other countries in the region. Staff and students of the University of Wollongong have access to ASSDA.

Manipulate raw data from ASSDA to create your own tables, cross-tabulations and graphical representations of data in customisable forms. A wide range of subjects are included: adoption, aids, crime, drug & alcohol, family, health, migrants and youth, politics and more.

For more information about ASSDA, follow the link from the Library homepage: www.library.uow.edu.au > Researchers > Data Archives > Social and political data

**High Impact Journals**

What are they? And, should I know about them?

High impact journals are a selective group of journals that are tracked by ISI Thomson and can be identified by searching the database Journal Citation Reports, or more commonly known as JCR. The impact factor for each journal measures the frequency with which the average article in a journal has been cited in a particular year. It is important to know which are the high impact journals in your area of research to ensure you are accessing research material that is highly cited. However, there are limitations with impact factors, use the link below to find out more.

For more information about high impact journals, follow the link from the Library homepage: www.library.uow.edu.au > Researchers > Databases: Citations > high impact journals

**Patents – Another way of searching for literature**

Are you a researcher in a new area of technology? Do you want to know who the key player might be? Patent searching is one way of finding details about a new technology, who is involved and a list of prior art (existing literature).

Patents are a primary source of technical and detailed information including drawings and diagrams. Eighty percent of patent literature is not published in any other form. Search for patent information by using the Library databases or by searching patent databases directly.

For more information about patents, follow the link from the Library homepage: www.library.uow.edu.au > Researchers > Intellectual property > Patents

**Want more information?**

Please contact Lucia Tome, Research Training Librarian: Phone: 4221 3066, Email: lucia_tome@uow.edu.au