



## Friends for life

*The Year of the Lifesaver: Exactly four months after his heart attack, John Lockhart (centre) thanks Bob Welten (left) and Peter Hacking (right)*

**By Lindy Brophy**

### **John Lockhart owes his life to a handful of UWA colleagues who resuscitated him after a heart attack in February.**

John, a senior clerk in the mail room, had gone out to the parking area to change a tyre on his car. He remembers having the wheel brace in his hands, then waking up in hospital four days later.

Peter Hacking, a systems administrator with Facilities Management, had ridden his motorbike into work that morning. "It was an unusually stormy day, and as I poured myself a glass of water in the tearoom about 9.30am, I looked out the window to check the weather," Peter said.

"I saw John lying motionless on the ground beside his car, so I dropped my glass and ran down two flights of stairs. John was blue by the time I got to him. I felt for his pulse as I called security on my mobile, then started cardio-respiratory resuscitation (CPR)."

Peter has been a first aid officer for nearly 20 years but has never had to administer CPR. "But it felt like the most natural thing in the world. I'd done a refresher course about two years ago and I didn't have to stop to think what to do."

Within four minutes of receiving Peter's call, security supervisor Bob Welten arrived in a van with a defibrillator. He was accompanied by security officers Graham Morrison and Gail Knapton.

By this stage, Peter had been joined by mail clerk Brett Tidy and they shared the CPR. Bob attached the defibrillator pads, took a reading and activated the machine. In a similar position to Peter, it was the first time Bob had used the defibrillator.

"They say you can't see a reaction from a defibrillator shock, but John's body definitely lifted off the ground," Bob said.

After the first shock, the defibrillator readings recommended no more shocks but a continuation of CPR. Bob and Graham alternated with Peter and Brett until the ambulance arrived ten minutes later.

John was taken to Sir Charles Gairdner Hospital where he was kept in an induced coma for four days.

There is no doubt his colleagues' training, quick response and actions saved his life. He is now fitted with a pacemaker, which monitors the electrical impulses of his heart, and will kick in if it skips a beat.

"I can't thank them enough," said John, who had been on medication since his first heart attack five years ago, but had no warning of the second attack in February.

"To see John alive and well and back at work is thanks enough," Bob said.

"I'm amazed they both take something like this in their stride," John said. He is 64 and is planning to retire within 15

*Continued on page 2*

# Friends for life

Continued from page 1

months. Apart from some memory loss when he started back at work in the mail room recently, he is feeling well.

All security staff at UWA are trained in first aid, including CPR, and in the use of a defibrillator. There are seven machines on campus and one off campus. Training for staff in the areas in which they are located will be later this month, with refresher courses every 12 months. First aiders are retrained every three years.

"There isn't a week goes by without security staff being called on to administer first aid at least once or twice," Bob said. "Incidents range from minor car accidents, to seizures, cut hands and feet and falls from bicycles."

The Safety and Health Office (SHO) has just issued a new Emergency Procedures booklet, which Senior Deputy Vice-Chancellor Professor Margaret Seares has asked be distributed, read, and prominently located.

"We all have a duty of care to ensure that University-related activities are planned and conducted so as not to place staff, students, contractors and visitors at risk of harm or injury," Professor Seares said.

"It is also imperative that we plan, prepare and respond appropriately when faced with emergency situations to minimise their impacts."

Mike Rafferty, SHO Manager, said the new booklet was more comprehensive than the previous version, which was printed at the back of the campus telephone directory.

Coloured sections help you to find the information you need quickly, and it is printed on matt paper, so you can write on it. This is particularly helpful in the section on bomb threats, where there is a checklist to follow if you receive a threat.

Mr Rafferty said no changes had been made to safety procedures since the Virginia Tech shooting in the US. "We have included a section on what to do in case of personal threat, but we were working on that before the Virginia Tech disaster," he said.

The new publication is also on the Web at <http://www.safety.uwa.edu.au/policies/emergency> but staff are urged to read the booklet when it arrives and know where it is located in their school or centre.



THE UNIVERSITY OF  
WESTERN AUSTRALIA

## Emergency Procedures In an emergency call 2222

### State clearly

- Nature of emergency
- Location of emergency
- Your name and contact details

Retain this booklet near your telephone

Version 1: 2007

## Personal Injury

**Personal injury – minor**

1. Contact the nearest First Aid Officer within the building.
2. Send the injured person to Campus Medical Centre if necessary (business hours only).
3. Inform supervisor.
4. Complete a Personal Injury Report form.

### Personal

1. Care for injured person.
2. Send someone to get help.

### Provid

### Cle

7. Do not touch anything.
8. Do not let people touch anything.

### Evacu

8. Evacuate.
9. Walk to the nearest exit.
10. Remain calm.

### In the case of a fire every

However, fire fighting must take precedence.

Do not switch any electrical equipment (including light switches) on or off.

spark and become an ignition source.

Lecture theatres / laboratories / their classrooms.

## Emergency Evacuation

### Don't Panic

At all times during an emergency follow the instructions of the Building and Area Wardens

1. On hearing the evacuation alarm, immediately prepare to leave the building – secure confidential materials and valuables, collect personal belongings, shut down experiments, switch off computers, electrical appliances, equipment and machinery.
2. If the evacuation alarm sounds continuously, or if instructed to do so by a Warden, leave the building by the nearest and safest exit route. All doors should be closed (but not locked) on leaving.
3. If possible take hand held personal belongings (such as handbags and briefcases) with you when you leave. Do not return to collect belongings.
4. Assist any person with a disability to leave the building, or to the nearest fire isolated or fire safe haven for multi-storey buildings. Do not attempt to carry people down stairs. See the People with Specific Needs section.

## Fire/Smoke

### Raise the alarm

1. If safe to do so ensure the immediate safety of anyone within the vicinity of the fire. However, fire fighting must take precedence.
2. Raise the alarm if not already sounding, using a break glass alarm panel or by shouting 'Fire, Fire, Fire' if a panel is not available. The alarm system automatically notifies the Fire and Rescue Services and Security (who then notifies other emergency personnel).
3. Phone Security (call 2222). Give your name, building, level, room number, type and extent of the fire/smoke and inform your supervisor or Building Warden if safe to do so.
4. Evacuate the immediate area.

### Fire fighting

5. If safe to do so and if trained in the use of fire equipment – attempt to extinguish the fire.
6. Choose the correct fire extinguisher. Do not use water or foam on an electrical fire.

## Suspicious Mail or Package

### If suspicious mail or package has not been opened

1. Place item in a plastic bag and seal it. Place all items in a second plastic bag and seal that bag.
2. Stay in your office or immediate work area. This also applies to co-workers in the same room. Prevent others from entering the area and becoming potentially contaminated. It is unlikely you will be in immediate danger.
3. Phone Security (call 2222) and Mail Room (call 3035 or 3021).
4. Advise:
  - Exact location of incident – building, level, room number;
  - Number of people potentially exposed;
  - Description of the package/device;
  - Action taken (e.g. package sealed or covered, area isolated).
5. Keep your hands away from your face to avoid contaminating your eyes, nose and mouth.
6. If possible (without leaving your work area) wash your hands.
7. Wait for help to arrive.

# Anthropologist puts back the pieces of education

**Perhaps the best example of Mary Taylor Huber's work in higher education is her own experience as a young anthropologist in Papua New Guinea.**

Dr Huber, one of America's leading scholars in the field of teaching and learning, was studying the work of missionaries.

"Missionaries are teachers and they don't know what they'll find when they go out in the field. They have to adjust their ideas and methods to make a meaningful connection," she said.

The same applies to teachers in higher education.

"One of the tricks in the scholarship of teaching and learning is to find where you can make a difference; to adjust your teaching to go beyond the classroom; to take responsibility for the learning environment you offer," Dr Huber said.

She was at UWA last month as a Distinguished Visiting Teacher, hosted by the School of Social and Cultural Studies (Anthropology). Dr Huber gave a free public lecture for the Institute of Advanced Studies and was a guest of the Centre for the Advancement of Teaching and Learning.

For the past five and a half years, she has led the Integrative Learning Project, a collaboration between her employer, the Carnegie Foundation for the Advancement of Teaching, and the Association of American Colleges and Universities.

"Integrate is the opposite of disintegrate, and that's what we've been doing: putting the pieces back together."

Dr Huber said higher education began to "fall apart" in the US when students could choose too many electives and virtually design their own courses.

"They needed more breadth, from general subjects, and depth, from majors, and there was a sense that they were unable to synthesise everything they had learned in their undergraduate studies."

Her program is helping students to put the pieces back together again, and that involves input from teachers.

"One of the 'roadblocks' in the system came from the lack of attention to teaching. Discussions about teaching and learning were not part of life as an academic until quite recently. Academics seemed to think it implied failure if they admitted to having a problem with teaching, while announcing a problem



*Dr Mary Taylor Huber discusses her ideas with Dr Allan Goody from the Centre for the Advancement of Teaching and Learning*

with research didn't carry any shame; it was an invitation for others' input and ideas.

"We must think of teaching as community property and make it a public conversation."

Dr Huber's lecture was on building teaching commons. "By that, I mean having a wider conversation about teaching and learning. I am a teacher in anthropology but I can still get ideas from teachers of mathematics or engineering."

She has been with the Carnegie Foundation since 1985, working on changing the culture of teaching in higher education. "I see myself as a cultural anthropologist first, bringing my skills to the field of teaching and learning."

She said the technological revolution had encouraged new ideas about pedagogy, which were not always easy to take on. "One of the best ways of involving your undergraduates is to give them the opportunity of being authentic researchers in their field. But even with the help of technology, it is not easy to find the best way to do this."

She said a common issue, and one she was asked about at UWA, was how to engage senior members of a faculty in thinking systematically about student learning. "The answer is that they will learn best from the examples set by colleagues in their own field. A good example can spark their imagination and help to change their thinking," she said.

## Vice-Chancellor's

column

# Developing our relationships with India

**Our University has recently recorded another important milestone in its international engagement, reaching new levels of more than 100 enrolments from India.**

This positive result has been due to a very strong and strategic India initiative – ably supported by our Deputy Vice-Chancellor (Research and Innovation) Doug McEachern, the Dean of the Faculty of Engineering, Mathematics and Computer Science, Professor Mark Bush, and Professor Hema Sharda, the Faculty's Director of South Asia Relations.

This is particularly important for the University given we have specifically highlighted India as a nation from which we may recruit very high quality students – both undergraduate and postgraduate – and given that only two years ago, there was just a handful of students from India at our University.

Most of the current cohort of students are from Bangalore and Chennai, including 30 students from the prestigious Indian Institute of Technologies (IITs).

India's population is forecast to increase from just over one billion in 2000 to more than 1.3 billion by 2025. At that time, according to IDP's Global Student Mobility studies, India will be the second largest source for international higher education with demand reaching 60 million higher education places. The total demand for Australian higher education from India is predicted to increase to 630,000 in 2025, up from 77,000 places in 2000.

Also of importance is the Australian Government's emphasis on promoting greater research



collaborations – raising the profile of Australian research in India and developing strategic links between scientists and researcher communities in our two countries.

The Government's Australia-India Strategic Fund aims to facilitate and support science and technology research co-operation by providing more than \$4 million for new projects which are of mutual and strategic interest. Our University was successful in attracting funding from this scheme last year.

Our strategy – in keeping with our approach in other strategically important nations – has been to build a strong teaching and research relationship with premier partner institutions. For example, in the last year, we have signed several agreements with Indian institutions, including very prestigious institutes such as IIT Madras, the International Crops Research Institute for Semi-Arid Tropics (ICRESAT) and the Indian Council of Agricultural Research (ICAR). Several others agreements are in the pipeline for staff-student exchange and to build mutually beneficial research and teaching linkages with India.

**Alan Robson**  
Vice-Chancellor

# The seeds of a solution Growing wheat on salty soil

**A variety of wheat that can be grown in our saline soils may be only a few years away.**

Associate Professor Tim Colmer and his team in Plant Biology (Faculty of Natural and Agricultural Sciences), have been working on developing a variety of wheat that can be grown successfully in salty and waterlogged soil. About ten per cent of WA's wheatbelt has become saline and up to 40 per cent is under threat of salinity and waterlogging.

"It's a long process," A/Professor Colmer said. "And we thought we were perhaps 12 years away from breeding a successful cross between wheat and the salt- and waterlogging-tolerant sea barleygrass (*Hordeum marinum*) but my collaborator Dr Rafiq Islam (Adelaide University), found that some Australian cultivars of wheat can be crossed directly with the sea barleygrass, which has sped up the process.

"Now we are looking at maybe five years before we have a feed quality cereal that can be grown in saline and waterlogged soil."

Once the goal of animal feed quality wheat is reached, the plant biologists will continue working towards a strain of wheat for human consumption.

"Even with strategies to revegetate saline and waterlogged areas with perennial plants, it is imperative that farming systems for saline lands are further developed," A/Professor Colmer said.

Current wheat varieties have poor tolerance of soil salinity and waterlogging. As tolerance to both of these conditions involves multi-gene traits and the genes controlling many of the underlying mechanisms have



not been identified, it has been a long and complicated road. But the team, like many scientists, are patient and focused on the longer-term goals. In the beginning, it had taken 12 months just to screen 28 varieties of wild *Hordeum* to choose the best one for the job.

“It was somewhat of a blue sky project when it started in the early days of the CRC for Plant-based Management of Dryland Salinity,” he said. “It was a risky idea but the CRC backed it, and enabled the collaboration with Adelaide University and the CSIRO, and it has been highly successful.”

The project has been funded by the CRC and Grains Research and Development Corporation. The group published a review on using ‘wild relatives’ for salt tolerance in a special issue of the *Journal of Experimental Botany* and their papers are being cited around the world.

The CRC has this month widened its scope, becoming the Future Farm Industries CRC, continuing its research into salinity but also on profitable perennials for broadacre farming systems.

“I’m confident that we will have real progress on feed

quality wheat within the life of this new CRC, which is seven years,” A/Professor Colmer said.

Dr Islam is a cytogeneticist who has been making the crosses determined by A/Professor Colmer and his UWA team. Next season they will start field trials. “You can always get surprises in the field,” A/Professor Colmer said.

He said the project, run by a “small dedicated team” had seen a Masters and a PhD graduate during its lifetime. “The students really enabled us to make progress,” he said.

An AusAid student, Sharmin Islam from Bangladesh, did her Masters, and UWA graduate Alaina Garthwaite completed her PhD. Alaina was supported by a GRDC postgraduate scholarship.

Visiting Professor Tim Flowers, from the University of Sussex, has also been bringing his expertise to the project for a month each year for three years. He has done extensive work on salinity tolerance in other crops, and brings valuable insights to the project.

The Department of Agriculture and Food WA will also be involved in this next stage of the project, through the Future Farm Industries CRC.



*These seeds could one day make salty land productive. Picture by Evan Collis*



Winning researchers Tamara Davey, Yu Qian and Tak Cheng all respect their supervisors' hard work ethic

## No bones about hard work

### Young medical researchers put their work on show

**Orthopaedics walked away with the most prizes at the recent Medical Research Week symposium.**

Of 12 possible major awards, PhD candidates in Orthopaedic Surgery won three, the only discipline to win multiple awards. All three students are co-supervised by Professor Ming-Hao Zheng and Associate Professor Jiake Xu.

The annual symposium is a key event in the Australian Society for Medical Research's Medical Research Week (MRW) and brings together the brightest and most promising young researchers in a forum where they present their work and receive recognition and encouragement for their efforts.

More than 90 young Western Australian medical researchers offered their work to their peers and the wider research community.

"Our students won prizes because of sheer hard work," Professor Zheng said. "Jiake (Xu) and I are very critical of their science: in fact I'm worse. It's a good guy-bad guy situation: everybody loves Jiake but I'm very hard on them!"

The orthopaedic surgery winners' topics included work on an artificial bone graft; the molecular biology of a protein pump that pumps acid from cells; and a novel bone protein with potential to treat osteoporosis.

**Tamara Davey** (WAIMR award \$1,000): "My PhD has focused on characterising the function of a novel bone protein

and investigating its anabolic effects in bone tissue.

"It may have potential to treat bone disorders such as osteoporosis.

"Part of my project has focused on another anabolic protein: parathyroid hormone (PTH) which has recently been approved for treatment in post-menopausal and idiopathic osteoporosis.

"In this study we looked at the efficacy of using PTH to treat post-menopausal osteoporosis using the mouse model.

"We showed that treatment enhances bone volume and improves bone microarchitecture in the osteoporotic mouse tibia, femur and vertebrae. This work will aid in improving treatment options and clinical outcomes to therapy."

**Yu Qian** (WA Biomedical Research Institute award \$1,000): "Many orthopaedic surgical procedures, such as spinal fusion, require the induction of new bone formation. Traditionally, autogenous bone is *gold standard* to induce new bone, although use of autogenous bone results in numerous complications. The answer to these problems is to find an efficient artificial bone graft to replace autogenous bone grafts in patients. A novel material, Insoluble Bone Gelatin (ISBG), has been developed as substitute for the autograft.

"The exciting results of the preclinical study indicated that the ISBG developed in Western Australia is a competitive substitute for autogenous bone graft and is more potent than autogenous bone graft.

“The data from this study provides solid evidence for ISBG clinical application, including spinal fusion.”

**Tak Cheng** (OrthoCell award \$500): “My PhD project is on the molecular characterisation of sub-units that make up a specialised proton pump in osteoclasts (bone-eating cells). The multisub-unit pump functions as the acidification machinery in all cells, and in osteoclasts is responsible for the acidification of the resorption lacuna (the space between the osteoclast and the bone surface), an essential process necessary for osteoclast-mediated bone resorption (bone degradation).

“My ASMR presentation was on an accessory sub-unit, which may function as a regulator or targeting molecule for the pump from inside the osteoclast to the plasma membrane facing the bone.”

**Robert O’Donohue** (Lung Institute of WA) and **Lucy Millar** (Centre for Neuromuscular and Neurological Disorders) both won major Department of Health awards of \$2,000.

The other UWA winners: Lindy Fitzgerald (Experimental and Regenerative Neurosciences, School of Animal Biology) TICHR award \$1,000; Alison M McDonnell (School of Medicine and Pharmacology) Murdoch University award \$1,000; Emma Jamieson (Diabetes Research Centre, WAIMR) Edith Cowan University award \$1,000; Hannah Radley (Anatomy and Human Biology) Tri-Med award \$1,000; Nital Sumaria (Centre for Ophthalmology and Visual Science) Lung Institute award \$1,000; Alison Carter (WAIMR) Invitrogen student encouragement award \$50.

The UWA (Deputy Vice-Chancellor Research and Innovation) prize of \$1,000 went to Murdoch University School of Nursing student Nilakshi S Jayasekera, and the UWA School of Surgery and Pathology prize (\$500) was won by Murdoch University School of Veterinary and Biomedical Sciences student Azita Vind.

# Patients vote with their feet

## UWA’s podiatry clinic popular

**They began limping in when the clinic opened in February.**

Now there’s a veritable stampede. UWA’s Podiatry Clinic, formally opened last month by Dr Neale Fong, Director General of the Department of Health, packs up to 40 patients into its Park Road cubicles every Wednesday.

From next year, they hope to open three days a week. The clinic is run by students of Podiatric Medicine, a unit within the School of Surgery and Pathology, and the first podiatry course in Australasia to be offered within a university medicine facility.

The clinic is fitted out with the latest diagnostic and treatment equipment and includes a demonstration area, sterilisation room, foot orthotics workshop and a large gait analysis laboratory.

Administrator Satu Stephenson said students started to treat patients from the second year of their four-year course. “They are closely supervised by our three professional podiatrists: Associate Professor Alan Bryant, the course co-ordinator; Dr Reza Naraghi and Laurie Foley, both senior lecturers in the unit.”

Podiatric Medicine opened its doors at UWA at the beginning of last year and the course now has 53 students, 19 of them in second year and already treating patients.

From bunions and ingrown toenails to sports injury prevention and developmental problems, the clinic sees patients ranging from young children to elderly people.



*Dr Reza Naraghi treats a patient in the new clinic*

“Our rates are about half that of private podiatrists,” Satu said. “Even our orthotics are cheaper, even though they are professionally made.”

Clinic receptionist Heather Campbell said they were getting referrals from the arthritis and diabetes associations. “General practitioners are referring people to us when they have no private health insurance, because we are not as expensive as private practitioners,” she said.

The clinic fills the gap left by Curtin University of Technology when they closed their Podiatry unit in 2005. UWA was able to set up the clinic with a \$1 million contribution from the WA Health Department.

# Invest in the education of women



Professor Susan Prescott is the guest speaker

**Some of the most influential and best educated women in WA will gather in Winthrop Hall for the annual UWA Centenary Trust for Women lunch.**

The UWA Centenary Trust for Women (CTW) was established in 2002 – to provide scholarships for women at UWA whose educational opportunities are limited due to problems associated with distance, cultural differences, disability or responsibility for the care of children, the ill or the elderly.

The Trust aims to promote and increase public awareness of issues relevant to women, through the establishment of a capital base of at least a million dollars before UWA's centenary in 2011. This will ensure ongoing funds are available for women needing financial help to study at UWA.

This sort of community support has a proud history in WA and particularly at UWA.

Just over 50 years ago, a remarkable community effort kick-started UWA's Medical School. Ordinary people's extraordinary fund-raising was matched by the State Government, and major achievements in health and medical research have been the result.

One of the products of that investment by the community is Professor Susan Prescott, from the medical faculty's School of Paediatrics and Child Health.

Professor Prescott, representing both the generosity of the community and the new generation of highly educated women, is the guest speaker at the CTW lunch on Sunday July 29.

The Governor-General, His Excellency Major General Michael Jeffrey and Mrs Marlena Jeffrey will also share the podium.

In 2004 the CTW established its first Scholarship and the inaugural recipient, in 2005, was Barbara Temperton. She completed a Master of Arts last year on narrative poetry. She is now working as a librarian at the Geraldton Regional Library in the local studies department.

The CTW Named Scholarship Programme was launched that year to encourage individual donors to fund scholarships



Last year's CTW lunch in Winthrop Hall

which could be named in honour of a member of their family or a woman whose achievements they admired.

Three named scholarships have been established: the CTW Marita Trezise Memorial Scholarship; the CTW Dorothea Angus Memorial Scholarship; and the late Margaret Mills (nee Summers) Scholarship.

This year Rachel Thomson, in her final year of a Bachelor of Economics, was awarded the Marita Trezise Memorial Scholarship. It is valued at \$2,120.

The CTW Dorothea Angus Memorial Scholarship will be awarded in late 2007 to a fourth year School of Music student to help her to pursue an Honours degree. The Scholarship is valued at \$4,000 per annum, offered annually to one student.

The late Margaret Mills (nee Summers) Scholarship was established through a bequest from her estate. Margaret graduated from UWA in 1951 with a Bachelor of Science,



# Yale scholar thanks UWA teachers



Anna Kesson won UWA's prestigious JA Wood Memorial Prize

## From nursing to history, through art to Yale.

The direction of Anna Kesson's life changed when she enrolled at UWA. The former nurse has now won a scholarship to Yale University. After her PhD, she has her sights set on an academic career in art history.

And she attributes "getting to this big life changing place" to the academics who taught her and with whom she worked at UWA.

"You don't get to these places in life by yourself. I feel so privileged to have been able to study at UWA where the academics were so encouraging and interested in my intellectual development and so receptive to my interdisciplinary interests," said Anna from London, en route to the US.

"As clichéd as this sounds, it was Clarissa Ball's first year Art History lectures that taught me how to 'see' and how to think about visual culture – in a sense what I learnt, want to keep learning, and love about Art History is the way the discipline makes us think about how visual culture forms and informs the ways in which we see and look – and in turn how these 'technologies' of vision form part of, are inflected by and filter, wider ideological concerns."

Anna completed a double major in History and Art History and did an Arts Practicum with the creators of the Historical Encyclopaedia of WA, whom she also credits with helping her on her way.

She won an Australian National University summer research scholarship to kick off her Honours research into 19<sup>th</sup> century representations of African American male musicians. "It was this time of intensive research that clarified for me my path: a PhD, then hopefully an academic career."

Anna knew that she would need to go to the US to explore her research interests, 19<sup>th</sup> century African American visual culture and, more broadly, the trans-Atlantic circulation of imagery of black people during that century, so she applied to several US universities.

"I thought I might be a bit ambitious applying for places like Yale and Cornell, but I was offered three places, all on full scholarships," she said.

"I'm doing a combined History of Art and African American Studies PhD, with two years of course work, then three years on my thesis. One of my courses, on Jamaica and Slavery, involves a trip to Jamaica.

"Yale offers graduate students curatorial internships at the university art galleries, and that's something I'd also like to gain experience in. As it's so close to New York, it makes intern opportunities at galleries or museums in the summer a distinct possibility"

Anna said that having friends and family, including her husband, who understood why she was giving up a career in nursing to go back to university, and enrolling in a degree that was often not seen as being very 'useful', was very important.

"Pursuing studies in the humanities does bring with it incredible opportunities that so many people don't seem to think are actually there and I'm just very glad I had people around me, both at home and at UWA, who continually encouraged me to seek out and take up these opportunities."

majoring in Zoology. She went on to become a clinical biochemist. Margaret was a loyal supporter and Founding Patron of CTW.

The CTW Named Scholarships are a testament to these patrons' kindness and their belief in the Trust. Many women from future generations who study at UWA will benefit from this generosity.

The Trust is seeking individuals, companies and local communities to invest in the future and commit to the CTW fund.

To support the Trust, please contact Leigh Grant, Office of Development, at UWA, on 6488 4744 or at [leigh.grant@uwa.edu.au](mailto:leigh.grant@uwa.edu.au)

Right: Rachel Thomson has been awarded the Marita Tresize Memorial Scholarship



## New piano attracts brilliant pianist

**In the music world, the older an instrument, often the finer it is.**

Pianos and violins that are centuries old are still played and admired for their unique qualities. But a newcomer to the piano family is usurping its forebears.

The handmade Fazioli piano has been in production for just 25 years and already it is considered by many to be the world's finest.

A concert grand piano from Fazioli in Sacile, Italy, has been handcrafted for the University, with the specific acoustic environments of our concert venues in mind.

The piano was delivered to the School of Music in May and it will be heard publicly for the first time later this month when world famous pianist Nikolai Demidenko performs Bach, Liszt and Schubert as part of the School of Music's *Keyed Up!* piano recital series.

Nikolai Demidenko is a great exponent of the Fazioli piano. The Russian-born pianist studied at the Moscow Conservatoire, winning medals in international piano competitions in the 1970s before making his British debut in



1985. He plays regularly in the *Great Performers* series at the Barbican Concert Hall in London.

His *Built on Bach* recital is at the Octagon Theatre on Sunday July 29 at 5pm. Tickets starting at \$21 are from BOCS, in the Octagon or on 9484 1133. For more information go to [http://www.music.uwa.edu.au/concerts/keyed\\_up](http://www.music.uwa.edu.au/concerts/keyed_up)

## Racing away with the prizes

**The UWA Motorsport team has had another outstanding result in international competition.**

The engineering students came second overall at the Formula SAE (Society of Automotive Engineers) competition in Detroit – from a field of 130 universities.

The team also won eight individual awards for design and engineering excellence, including first place in the endurance event, the highest weighted part of the competition.

Professor Mark Bush, Dean of the Faculty of Engineering Computing and Mathematics, said the UWA Motorsport team consistently performed well at international level.

“Each year our Motorsport team wins international awards,” Professor Bush said.

“Students involved in the project develop and demonstrate extraordinary skills in teamwork, management and leadership, technology, design and analysis, financial management, health and safety and marketing.

“There is no doubt the Motorsport project and others available to UWA students ensure that our graduates are exceptionally well-prepared for employment as engineers and managers, and are highly sought after by employers,” he said.

Formula SAE offers engineering students all over the world the chance to conceive, design, fabricate and race an open-wheel race car. The team is entirely run and managed by

students, with two academic supervisors.

Cars are built in the space of 12 months.

The Formula SAE competition tests vehicles in a range of events including endurance racing and rates the teams on their capacity to plan, finance and market their project to a board of investors.

The UWA team is due to compete again in the Australasian championships, which will be held in Melbourne in December.

For more information, visit [www.motorsport.uwa.edu.au](http://www.motorsport.uwa.edu.au)



# Accuracy is the goal

**A biomechanical study of kicking actions and techniques could not have come at a better time for the reigning AFL premiers, as their inaccurate kicking contributed to their accumulating losses on the football field.**

Five West Coast Eagles players took part in June in the honours project of Human Movement and Exercise Science student Damian Shannon. He is supervised by Dr Machar Reid, Professor Bruce Elliott and research associate Si Reid.

“But rather than being reactionary, this study was planned with Glenn Stewart (West Coast Eagles Football Club) and Brian Dawson (Human Movement and Eagles) at the start of this season, with a view to expanding the body of knowledge related to AFL kicking mechanics, which is very much in its infancy,” Dr Machar Reid said.

“More specifically, we aimed to investigate the extent to which variation in select trunk and lower limb joint action, as well as ball drop, affected accuracy and inaccuracy in the drop punt kick for goal.

“We hope it will then be possible to identify specific problem areas for individuals or groups of players that lead to inaccurate kicks.”

The study also aims to assess whether increasing approach speed (from a standing start set *shot* to kicking on the run) introduces greater variability in a player’s kicking mechanics (of the trunk, lower limb and ball drop) and performance (ratio of accurate to inaccurate kicks).

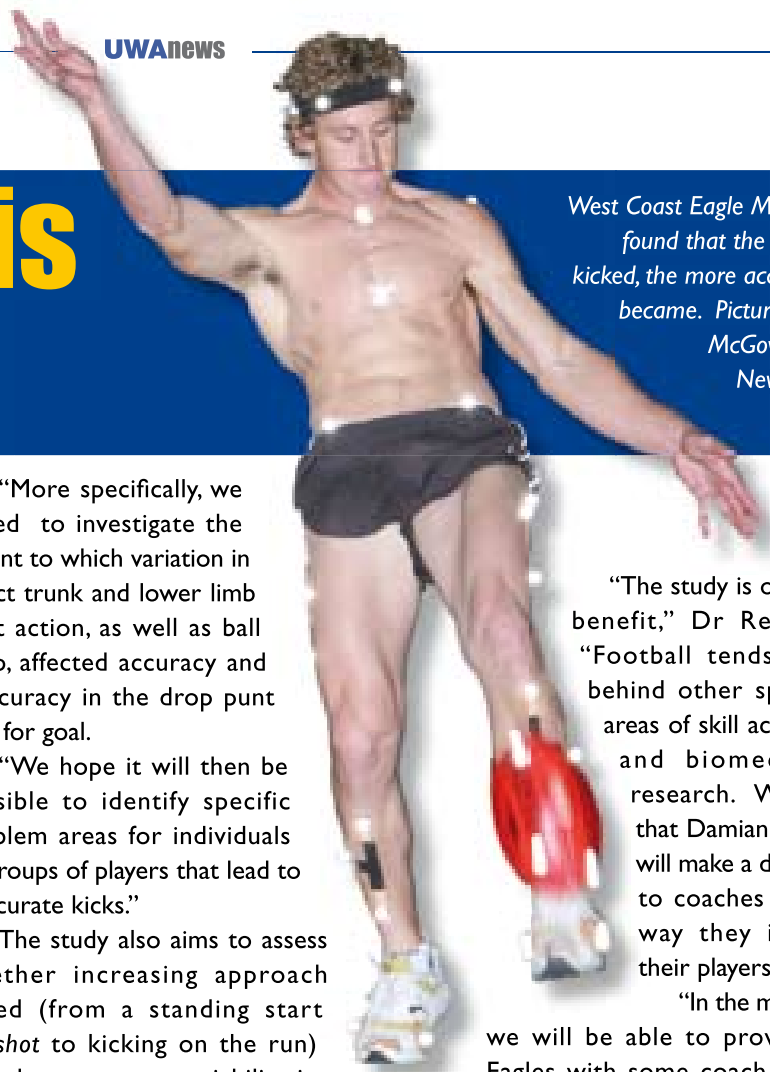
Testing and recording of the players has been completed and Damian now has to process the data.

West Coast Eagle Matt Pridis found that the faster he kicked, the more accurate he became. Picture by Paul McGovern, Post Newspapers

“The study is of mutual benefit,” Dr Reid said. “Football tends to lag behind other sports in areas of skill acquisition and biomechanics research. We hope that Damian’s results will make a difference to coaches and the way they instruct their players.

“In the meantime, we will be able to provide the Eagles with some coach-friendly information.”

Young players Matt Rosa, Matt Pridis, Ben McKinley, Mitch Brown and Mark Nicoski have all been wired up and filmed taking set shots and kicking on the run while jogging towards goal and sprinting.



## UWA reaches *New Scientist* – via Mars

***New Scientist* featured research from UWA in its February issue – six months after the story appeared in UWAnews.**

Under the headline *Australian astronomers expect Martian invasion*, the page 5 story detailed the research of School of Population Health PhD candidate, Sarah Joyce.

As a sideline to her studies in environmental health with Professor Phil Weinstein and Dr Chantal Tomkins, Sarah, who has an interest in risk perception, and Professor Weinstein, who has an interest in Mars, conducted a survey on the risks ordinary people perceive will be part of NASA’s Mars Sample Return mission.

She surveyed 74 members of astronomical societies and found that only 36 had complete confidence that NASA would protect Earth from possible contamination from materials brought back from Mars.

“It’s great to see the breadth of international readership of *UWA News*, particularly allowing overseas researchers to pick up stories that may not come to their attention through the scientific journals,” Professor Weinstein said.

The *New Scientist* story was featured on its *New Scientist Space* website late last month. If you would like to read the original story in *UWAnews*, go to

<http://uwanews.publishing.uwa.edu.au/> and look in the August 28, 2006 issue or see the scientific paper in *Advances in Space Research*, DOI: 10.1016/j.asr.2007.02.009).



PhD candidate Sarah Joyce’s research featured in *New Scientist*

**Attn: All UWA Staff**  
**SUPPORT THE STUDENTS WHO SUPPORT YOU**  
 You too can now join, sharing in the vision of the Guild  
 and what we represent as well as having access to  
**GREAT ON AND OFF  
 CAMPUS DISCOUNTS.**



The on-campus discounts you will definitely use:

- ★ Guild member **COFFEE** prices, currently **\$1.40 per cup**
- ★ **10% DISCOUNT** on all food!

Some Benefit Partners that may interest you are:

- Melville Mitsubishi
- Hotels & Resorts
- Computer Shops & Bookstores
- Wineries, Restaurants & Bars
- Health & Beauty Retreats
- Internet Service Providers
- Various Cruise & Tour Companies
- Theatres & Cinemas
- Sports & Adventure Companies
- ...and much more!

**\$120 per year pre-rated**



**Want to know more?**  
 Please visit Guild Reception in the Guild Village today!  
**OR CONTACT:**  
**E:** [reception@guild.uwa.edu.au](mailto:reception@guild.uwa.edu.au)  
**P:** 6488 2295  
**W:** [www.guild.uwa.edu.au/associate](http://www.guild.uwa.edu.au/associate)



## Book sale...

**THE ANNUAL  
 SAVE THE CHILDREN FUND  
 BOOK SALE IS IN AUGUST  
 THIS YEAR.**

The University branch of SCF, which has run the sale in the Undercroft for 43 years, has been inundated with calls, asking about the sale, as it is usually held in July.

**But this year, the sale will  
 run from Friday August 24 to  
 Wednesday August 29.**

It is one of the most anticipated events on campus, and you can make it even better by donating your unwanted books NOW, to ensure yet another record-breaking sale.

Donations of books, CDs, DVDs and sheet music can be delivered to the SCF sorting dept at the corner of Underwood Avenue and Brockway Road, Shenton Park, diagonally opposite Perry Lakes stadium.

If you have any queries about donations or the sale, call Annabelle Capp on 9312 3119.

## NOTICES

### Human Movement and Exercise Science

UWA Health and Rehabilitation Clinic at the School of Human Movement and Exercise Science is running PILATES classes at 7.30am Wednesday and 9.30am Friday mornings starting July/August. The pilates class is designed for anyone with an underlying condition, for example, people with low back pain, scoliosis or poor posture. These classes can be rebated if you have private health insurance as they are run by a physiotherapist. Call Shelia/Jo at 6488 3333. \$13 per class for six weeks.

The physiotherapist is also available for one-on-one pilates or individual consultations. Call for an appointment on 6488 3333 or email us at [uwahealth@uwa.edu.au](mailto:uwahealth@uwa.edu.au)

### CHILDREN'S MUSIC CLASSES

Junior Music School is now enrolling children for group musicianship and instrumental classes for children 18 months – 12 years and beginner guitar classes for secondary students starting July 28.

For more information, please call Donna/Regina on 6488 7985 or email [jms@uwa.edu.au](mailto:jms@uwa.edu.au)

Also see website [http://www.music.uwa.edu.au/junior\\_music\\_school](http://www.music.uwa.edu.au/junior_music_school)

### VOLUNTEERS REQUIRED

**We are looking for participants for a pilot study  
 conducted at the School of Dentistry.**

Volunteers must meet the following criteria:

- Female, over 18 years old
- Currently pregnant or previously pregnant
- Knowledge of your blood type

This pilot study is looking at the association between blood type, morning sickness and dental conditions. Participants will be involved in a 2 minute survey. This survey can be conducted on the phone or via email, whichever is more convenient. All information provided is treated as strictly confidential and will not be released by the investigator.

If you meet the above criteria and are interested in participating please contact: Ms Joanne Ooi ([joanne.ooi@uwa.edu.au](mailto:joanne.ooi@uwa.edu.au) or 08 9346 7875).

This study has been approved by The University of Western Australia Human Ethics Committee.



THE UNIVERSITY OF  
 WESTERN AUSTRALIA

## Meeting the Climate Challenge – discover what we can do

### FREE PUBLIC LECTURE

**7 – 8.30 p.m., Wednesday, 25 July 2007**

- Look back four billion years in the search for alternative energy sources with Professor Klaus Regenauer-Lieb, UWA Premier's Research Fellow.
- Hear how food production systems need to be adapted to a drying climate with Professor Kadambot Siddique, Director, UWA Institute of Agriculture.
- Consider government challenges in understanding and responding to complex environmental issues with Professor David Pannell, UWA Australian Research Council Federation Fellow.

Information about UWA courses in geoscience and agricultural science will be available at the lecture.

Venue: Alexander Lecture Theatre, Arts Building  
 (car park 3, enter off Hackett Drive Entrance 1)

Ph: 6488 2565 • [www.fnas.uwa.edu.au](http://www.fnas.uwa.edu.au) • [science@faculty.uwa.edu.au](mailto:science@faculty.uwa.edu.au)





**Upcoming  
events for  
AUGUST**

## THE 2007 SIR WALLACE KYLE ORATION

### *Cancer, and what we can do to prevent it*

**Dr Ian Frazer, Director of the Diamantina Institute of Cancer and 2006 Australian of the Year**

Medical research has delivered significant breakthroughs in prevention and control of infectious disease, heart disease and stroke. The future challenge is prevention and control of cancer. Surprisingly, this lies largely in our own hands. About a quarter of all cancer is due to lifestyle, and a quarter to infectious disease. A further quarter is the consequence of the many environmental factors which promote genetic damage. Only about 10 per cent of our cancer risk is inherited. The lecture will consider what we can do to prevent and better manage cancer, now and in the future.

**Tuesday, 17 July 2007 at 6pm**

**Octagon Theatre, UWA**

**FREE BUT TICKETS ARE ESSENTIAL.**

**Call Octagon box office on 6488 2440, Mon-Fri 12:00-4:15pm**

## PUBLIC LECTURE

### *Rethinking progressive politics in Australia*

**David McKnight, Associate Professor in Humanities at the University of Technology, Sydney**

Can progressive Australians develop a new social and political vision? This lecture will argue that they can and should. While deep-seated problems exist around climate change, equality and racism, the Left side of Australian politics is fragmented both in its structure and its beliefs. In the years after the Cold War, the Labor tradition has weakened while the Green movement remains very young. How can an inspiring new vision can be developed by rethinking and renewing the values of broad progressive Australia?

This is the inaugural lecture of *The New Critic* Lecture Series. This annual series features distinguished scholars, authors, writers, thinkers, entrepreneurs, activists and others who have helped to shape new ideas. The lecture is co-sponsored with the on-line journal *The New Critic*.

**Tuesday, 24 July 2007, 6pm**

**University Club Theatre Auditorium, UWA**

**FREE**



# UWAnews

## Dates to remember:

Deadline (Wednesday)	Publication date (Monday)
July 18	July 30
August 1	August 13
August 15	August 27
August 29	Sept 10
Sept 12	Sept 24
Sept 26	October 8
October 10	October 22
October 24	November 5
November 7	November 19
November 21	December 3

## TERRORISM AND TORTURE

### *Symposium and Public Lecture series*

The risk of future acts of terrorism cannot be dismissed. But the response against the risk of terrorism has included pre-emptive war, illegal kidnapping and indefinite detention of 'suspects' the world over, and 'legalised' practice of certain forms of torture by Western governments. Do they reduce the risk of terrorism or fuel it? The public relies on the media to inform on these important issues, but what is real and what is spin? The official justifications given for the war in Iraq all turned out to be false. Many terror 'suspects' have never been charged for their alleged offences. What are the processes that determine what the public is willing to support when iconic media images suggest our security is at stake? These questions will be explored in a series of public lectures and a two and a half-day intensive symposium with experts in media and communication studies; experimental and clinical psychology; public perceptions and political science; and criminal justice and law.

Symposium: Thursday 9 - Saturday 11 August 2007

Case Study Room, University Club

**COST:** Full registration: \$120; \$45 concession/student  
Single day: \$50; \$20 concession/student

### Public Lecture series:

*All public lectures will be held in the  
Social Sciences Lecture Theatre from 6 – 7 pm*

**FREE**

**6 August**

#### *ENGAGING WITH THE MEDIA*

**Professor John Tulloch, Brunel University, London**

Professor Tulloch has written several books on risk, security, and media, including media presentations of recent wars (Kosovo, Afghanistan and Iraq). He experienced the horrors of international terrorism and the associated media frenzy first hand as a survivor of the 7/7 London bombings. He has since published a book, *One Day in July: Experiencing 7/7*.

**8 August**

#### *WHAT EXPLAINS TORTURE COVERAGE DURING WAR TIME? A SEARCH FOR REALISTIC ANSWERS*

**Professor Doris Graber, University of Illinois, Chicago**

Professor Graber is perhaps the highest profile American analysing the politics of the mass media. She is the author of several widely cited books in the area, including *Media Power and Politics* (2006). She has written extensively on the politics of terrorism, including its implications for the media and civil liberties.

**9 August**

#### *FROM THE TERRORISTS' POINT OF VIEW: THE CRISIS OF IDENTITY IN ISLAMIC SOCIETIES AND THE RADICALIZATION OF MUSLIMS*

**Professor Fathali Moghaddam, Georgetown University**

Professor Moghaddam has extensive experience in the areas of culture and behaviour. He has published widely on the psychology of terrorism with his latest book, *From the Terrorists' Point of View – What they Experience and Why they come to Destroy* (2006) being hailed as providing insightful understanding to the psychological foundations that affect global terrorism.

**13 August**

#### *OUTSMARTING THE TERRORISTS – TWENTY PRINCIPLES*

**Professor Ron Clarke, Rutgers University**

As an expert in the application of crime prevention techniques, Professor Clarke has consulted with the United Nations, Europol, the European Union and policing organisations across the world. He is one of the world's leading criminologists with more than 150 published books and articles. Along with Graeme Newman he has just completed *Outsmarting the Terrorists*, an application of criminological techniques in the field of terrorism.

For more information and venue maps, please visit [www.ias.uwa.edu.au](http://www.ias.uwa.edu.au) or contact the Institute of Advanced Studies on 6488 1340, or email [ias@admin.uwa.edu.au](mailto:ias@admin.uwa.edu.au)

## RESEARCH GRANTS & CONTRACTS

### BREAST CHECK PTY LTD

Dr Shane Maloney, Biomedical, Biomolecular and Chemical Sciences: 'Utilisation of Three Technologies to Measure Physiological Activity in Women with a Confirmed Diagnosis of Breast Cancer'—\$12,150 (2007)

### CITY OF BELMONT

A/Prof Timothy Mazzarol, N van Heemst, Business School, External, Graduate School of Management: 'A Study of the Inter Relationship Between Public Sector Housing and Crime Within the City of Belmont'—\$29,950 (2007)

### CONSERVATION AND LAND MANAGEMENT

(Department of Environment and Conservation (WA) after 1 July 2006)

Dr Brenton Knott, Danny Tang

Animal Biology, Medicine, Dentistry and Health Sciences: 'Stygo fauna of the Gnaranga Mound'—\$93,195 (2006-08)

### DEPARTMENT OF CORRECTIVE SERVICES WA

Dr Lynne Roberts, Dr David Indermaur, Crime Research Centre: 'Provision of Outcome Evaluation of Prison Drug Free Units'—\$35,000 (2007)

### DEPARTMENT OF ENVIRONMENT AND WATER RESOURCES (PREVIOUSLY ENVIRONMENT & HERITAGE)

Prof Matthew Tonts, Miss Carmen Elrick, Dr Julian Clifton, Dr Bryan Boruff, Earth and Geographical Sciences: 'A Socio Economic Overview of the Communities Living Adjacent to the North West Marine Region'—\$31,891 (2007)

### KEPPEL OFFSHORE & MARINE LTD

Dr Christophe Gaudin, Prof Mark Cassidy, Centre for Offshore Foundation Systems: 'Hybrid Foundation System'—\$106,050 (2007)

### MAIN ROADS DEPARTMENT OF WA

Dr Roberta Bencini, Animal Biology: 'Use of Underpasses by Fauna'—\$9,000 (2007)

### MEDICAL AND HEALTH RESEARCH INFRASTRUCTURE FUND

Prof Karol Miller, Mechanical Engineering—\$10,976 (2007)

Prof Miranda Grounds, Anatomy and Human Biology—\$30,969 (2007)

Prof Marie Bogoyevitch, Biomedical, Biomolecular and Chemical Sciences—\$14,166 (2007)

Prof Thomas Riley, Biomedical, Biomolecular and Chemical Sciences—\$19,333 (2007)

Prof Geoffrey Stewart, Biomedical, Biomolecular and Chemical Sciences—\$20,034 (2007)

A/Prof Ian Jacobs, Ms Judith Finn, Emergency Medicine, Population Health—\$20,432 (2007)

Prof Ian Puddey, Medicine and Pharmacology—\$61,936 (2007)

Prof Leon Flicker, Medicine and Pharmacology—\$10,428 (2007)

Clin/Prof Graeme Hankey, Medicine and Pharmacology—\$35,809 (2007)

A/Prof Peter Henry, Medicine and Pharmacology—\$14,051 (2007)

Dr Trevor Mori, Medicine and Pharmacology—\$17,800 (2007)

Prof Peter Le Souef, Paediatrics and Child Health—\$30,921 (2007)

A/Prof Susan Prescott, Paediatrics and Child Health—\$25,863 (2007)

Emeritus Professor Michael Hobbs, Population Health—\$16,658 (2007)

Prof D'Arcy Holman, Population Health—\$63,422 (2007)

Dr Robert Eikelboom, Surgery and Pathology—\$11,387 (2007)

Dr Wallace Langdon, Surgery and Pathology—\$38,216 (2007)

Prof Paul Norman, Surgery and Pathology—\$16,262 (2007)

A/Prof Frank Van Bockxmeer, Surgery and Pathology—\$17,632 (2007)

Prof Ming-Hao Zheng, Surgery and Pathology—\$25,033 (2007)

Prof Lyn Beazley, Animal Biology—\$38,259 (2007)

Prof Sarah Dunlop, Animal Biology—\$20,594 (2007)

Prof Alan Harvey, Anatomy and Human Biology—\$25,872 (2007)

Dr Livia Hool, Biomedical, Biomolecular and Chemical Sciences—\$22,324 (2007)

Dr Charlene Kahler, Biomedical, Biomolecular and Chemical Sciences—\$11,751 (2007)

Prof Donald Robertson, Biomedical, Biomolecular and Chemical Sciences—\$19,446 (2007)

Prof Geoffrey Shellam, Biomedical, Biomolecular and Chemical Sciences—\$49,317 (2007)

Dr David Lloyd, Human Movement and Exercise Science—\$20,149 (2007)

Prof Peter Barrett, Prof Gerald Watts, Medicine and Pharmacology—\$22,076 (2007)

Prof Lawrence Beilin, Medicine and Pharmacology—\$12,627 (2007)

Prof Kevin Croft, Medicine and Pharmacology—\$23,386 (2007)

Prof John Olynyk, Medicine and Pharmacology—\$26,987 (2007)

Dr Deborah Trinder, Medicine and Pharmacology—\$16,357 (2007)

Dr Sunalene Devadason, Paediatrics and Child Health—\$22,311 (2007)

Prof Billie Giles-Corti, Population Health—\$33,548 (2007)

Clin/Prof A W (Bill) Musk, Population Health—\$15,248 (2007)

Prof Gary Hulse, Psychiatry and Clinical Neurosciences—\$35,303 (2007)

Prof Assen Jablensky, Psychiatry and Clinical Neurosciences—\$22,794 (2007)

Prof Nicola Lautenschlager, Psychiatry and Clinical Neurosciences, UWA Centre for Medical Research—\$11,830 (2007)

Adj/A/Professor John Beilby, Surgery and Pathology—\$11,992 (2007)

Prof Christobel Saunders, Surgery and Pathology—\$18,957 (2007)

### MINERALS AND ENERGY RESEARCH INSTITUTE OF WA

Dr Birger Rasmussen, Dr Bryan Krapez, Earth and Geographical Sciences: 'Banded Iron Formations and Iron Ores of the Hamersley Province: new insights from field, petrographic and geochemical studies'—\$435,000 (2007-09)

### NATIONAL OCEANS OFFICE

Prof Charitha Pattiaratchi, School of Environmental Systems Engineering: 'Understanding Areas of High Productivity within the South-West Marine Region'—\$15,000 (2007)

### NHMRC: EQUIPMENT GRANTS

Prof Matthew Knuiman, Population Health—\$25,858 (2007)

### RURAL INDUSTRIES RESEARCH AND DEVELOPMENT CORPORATION

Prof Thomas Riley, Prof D Hampson, A/Prof Guy Lester, Dr Sue Beetson, Biomedical, Biomolecular and Chemical Sciences, External:

'Clostridium Difficile Associated Diseases in Horses'—\$24,875 (2007-08)

### SANOFI AVENTIS

Prof Peter Barrett, Prof Gerald Watts, Medicine and Pharmacology: 'Sanofi HDL Kinetics Lab'—\$826,553 (2007)

### SOUTH COAST NATURAL RESOURCE MANAGEMENT INC.

Dr Katheryn Morse, Dr Alistair Paterson, Social and Cultural Studies: 'European Cultural Heritage Values of Regional Estuaries'—\$82,746 (2007-08)

### SPENCER FOUNDATION

Dr Sarah Hopkins, Dr Donna Bayliss, Graduate School of Education, Psychology: 'Retrieval Problems and the Effectiveness of Interventions - Bridging the Gap Between Practice and Research in Mathematics Education Reform'—\$32,149 (2006)

### ST BARBARA LIMITED

Dr Campbell McCuaig, Dr John Miller, Earth and Geographical Sciences: 'Leonora and Southern Cross Forresteria'—\$765,121 (2007-09)

### WA GENERAL PRACTICE EDUCATION AND TRAINING

Prof Jon Emery, Primary, Aboriginal and Rural Health Care: 'An Exploration of General Practitioners Views on the Potential for Vertical Integration of Medical Education'—\$79,800 (2007)



THE UNIVERSITY OF  
WESTERN AUSTRALIA

# See UniPrint for all your printing needs

- Colour Printing
- Full Design Service
- Digital Copying
- Colour Copying
- Bureau Service
- Annual Reports
- Brochures
- Newsletters
- Business Cards
- Envelopes
- Office Stationery
- Magazines
- Posters
- Banners

- Labels
- Rubber Stamps
- Badges
- Student Readers
- Course Notes
- Lecture Notes
- Conference Proceedings
- Spiral Binding
- Hard Case Binding
- Thermal Binding
- Mail Outs
- Paper Supplies
- Pickup and Delivery

UniPrint is located on Campus in the Guild Village

Customer Support: 6488 3624  
Graphic Design: 6488 8792  
Fax: 6488 1125  
Email: [uniprintjobs@admin.uwa.edu.au](mailto:uniprintjobs@admin.uwa.edu.au)  
Web: [www.uniprint.uwa.edu.au](http://www.uniprint.uwa.edu.au)



UNIPRINT  
Print, Copy and Design Services

## STAFF ADS

Classified advertising is free to university staff. Email: [staffads@uwa.edu.au](mailto:staffads@uwa.edu.au)

### FOR SALE

**Nissan Pulsar STL Aug 03 Auto.** Good condition, silver, full electrics, spoiler, alloy wheels, over 78,000kms. \$12,500 ono. Contact 0419 919 361.

**REAL COW SPLIT LEATHER OFFICE CHAIRS:** Brand new. Premium style \$130.00 and the Executive style \$115.00. Please contact Nehal Shah for pictures and further information on 6488 2978 or email: [nashah@cyllene.uwa.edu.au](mailto:nashah@cyllene.uwa.edu.au)

### TO LET

**NEAR UWA:** Large renovated three bedroom character duplex, 1 bathroom, with garden. Features polished jarrah floors, double sized bedrooms with built in wardrobes, bright spacious lounge dining room with air conditioning, large separate study, single lock up garage plus storage and timber deck overlooking garden. This home is on a quiet street, a very short stroll to UWA, river, bus stops, primary schools and 7 day shopping. Currently unfurnished but we can partly furnish if required. \$400 week. Contact [david.pannell@uwa.edu.au](mailto:david.pannell@uwa.edu.au) or Pauline/David (08) 9844 8695

**NEDLANDS:** Furnished duplex unit with garden in quiet street in Nedlands (Williams Road). Available from 20 July to 10 Dec. Suit Academic with small family. Walk to UWA and hospitals. \$500 per week. Email: [margowebb@gmail.com](mailto:margowebb@gmail.com) or SMS 0400 124 476.

**BUSSELTON:** "Driftwood Cottage". New holiday house right in town. Only 250m to the beach or town centre, but quiet and secluded under big peppermint trees. Sleeps 8, with big spa in main bedroom, and fully self contained. Only need to bring linen. Contact Nick Gibson on 0413 622 269 or Tel: 9305 9059 or [ngibson@cyllene.uwa.edu.au](mailto:ngibson@cyllene.uwa.edu.au) and ask for a brochure.

**NANNUP:** Holiday rental property. Beautiful secluded house set on 6 acres. Sleeps 7/8. Fully fitted

throughout to a high standard. Contact Nicky Davison on Ext 4671, 9380 6508 or [nicky.davison@uwa.edu.au](mailto:nicky.davison@uwa.edu.au). Also see website [www.kanjarralodge.com.au](http://www.kanjarralodge.com.au)

**FRENCH PYRENEES:** Holiday rental property. Characteristic rental property in the small French village of Rodes at the foothills of the French Pyrénées. 40 minutes from Perpignan and 2.5 hours from Barcelona. Sleeps 7. Fully fitted throughout. Contact Nicky Davison on Ext 4671, 9380 6508 or [nicky.davison@uwa.edu.au](mailto:nicky.davison@uwa.edu.au). Also see website <http://www.voletsbleus.co.uk/>

**FRENCHMAN BAY, ALBANY:** Holiday rental property. 4 bedroom, 2 bathroom, modern house with stunning views over King George Sound. 5 minute walk to pristine Goode Beach. Fully furnished and self contained. Sleeps 8. Only need to bring linen. Contact Stephen Home on 0419 969 138 or [stephen.home@uwa.edu.au](mailto:stephen.home@uwa.edu.au)

### HOUSE SITTING

Uni lecturer available for house-sitting from early May 2007. Please contact Cecily on 0424 319 457 or [c.scutt@murdoch.edu.au](mailto:c.scutt@murdoch.edu.au)

### WANTED

**SABBATICAL ACCOMMODATION:** Visiting Swedish academic with family (wife and 2 girls) is looking for a house to rent in the Fremantle area beginning of September 2007 - end of May 2008 (furnished or unfurnished). Please contact Mia Lindgren on 0408 354 895 or via email [m.lindgren@murdoch.edu.au](mailto:m.lindgren@murdoch.edu.au)

**SABBATICAL ACCOMMODATION:** Visiting academic and wife (no children) from U British Columbia (Canada) are seeking rental or house sitting accommodation from mid December until end of February. They are interested in a house or apartment in the Nedlands, Claremont, Shenton Park area. They are keen gardeners and happy to take good care of plants. Please contact Chava Rubenson on [chava.rubenson@gmail.com](mailto:chava.rubenson@gmail.com)

**ACCOMMODATION:** Young (26/28) Netherlands couple (studying and working in Denmark) need rental accommodation 01 Oct '07 to 31 Jan '08. Looking for furnished apartment or studio, with own kitchen and bathroom, OR a house sitting arrangement. Budget max \$1100 per month. Tidy, non-smokers. Contact: [SPADenBoer@bi.ku.dk](mailto:SPADenBoer@bi.ku.dk)

**ACCOMMODATION:** UWA Associate Professor moving from Sweden seeks accommodation (and/or available for house sitting) from November, within walking distance

of UWA or accessible to UWA by public transport. Male, non-smoker, no accompanying family or pets. Please contact: Melinda Hodkiewicz 6488 7911 for more information.

### ART AND CRAFT

**FOR THE PERSON WHO HAS EVERYTHING:** For a unique and personal gift, how about a watercolour (\$190) or pen-and-ink sketch (\$150) of his/her home/garden? I also work from old photos. Call Maureen 9299 6588 or email [mdelaharpe@admin.uwa.edu.au](mailto:mdelaharpe@admin.uwa.edu.au)



**Oral health for baby boomers.**

From cracked teeth and old fillings to more serious concerns, oral health issues experienced by people in their middle years require special care to conserve a youthful, natural smile. Dr Chai Lim and his team have a special interest in dentistry for baby boomers.

**Call now for a consultation 9389 1482**  
 visit [www.drchailim.com.au](http://www.drchailim.com.au)  
 HAMPDEN ROAD DENTAL CARE NEDLANDS  
 Experience the difference

## REDUNDANT EQUIPMENT

Bids should be accepted by Monday July 30 with schools to have first option

CONDITION refers to the general condition of item (1 = as new, 2 = good, 3 = serviceable, 4 = unserviceable). AGE refers to the nearest year.

Schools are reminded that all university equipment available for sale must be advertised in the UWAnews. Receipts should be PeopleSoft account coded 490 (computing with barcode), 491 (non-computing with barcode) or 493 (items with no barcode). If equipment has an existing barcode please contact extension 3618/2546 for details.

ITEM	PRICE	AGE	COND.	SECTION	CONTACT
10 x Canon MVX430 Digital Video Cameras	\$450	1	2	Arts Multimedia Centre	<a href="mailto:ldelves@cyllene.uwa.edu.au">ldelves@cyllene.uwa.edu.au</a>
Apple PowerBookG4 15", 1.5 Ghz Processor / 1 GB RAM / 80Gb hard drive + iSight camera	Offers	2	1	Centre for Microscopy, Characterisation & Analysis	<a href="mailto:john.murphy@uwa.edu.au">john.murphy@uwa.edu.au</a>
Apple MacBook Pro 15", 2 Ghz Intel duo Processor / 2 Gb RAM / 100 Gb hard drive	Offers	1.5	1	Centre for Microscopy, Characterisation & Analysis	<a href="mailto:john.murphy@uwa.edu.au">john.murphy@uwa.edu.au</a>
3 x Dell P4 1600Mhz 256MB 20GB 17" CRT WinXP	\$150ea	4	2	Medicine, Dentistry and Health Sciences	Ped 9346 2582 ( <a href="mailto:ped.ristic@uwa.edu.au">ped.ristic@uwa.edu.au</a> )
1 x Dell Celeron 1360Mhz 256MB 20GB 17" CRT Win2K	\$100ea	4	2	Medicine, Dentistry and Health Sciences	Ped 9346 2582 ( <a href="mailto:ped.ristic@uwa.edu.au">ped.ristic@uwa.edu.au</a> )
3 x HP LaserJet 4050N printer	\$50ea	5	2	Medicine, Dentistry and Health Sciences	Ped 9346 2582 ( <a href="mailto:ped.ristic@uwa.edu.au">ped.ristic@uwa.edu.au</a> )
1 x Tektronix Phaser 840 colour printer (including spare ink)	\$50	4	3	Medicine, Dentistry and Health Sciences	Ped 9346 2582 ( <a href="mailto:ped.ristic@uwa.edu.au">ped.ristic@uwa.edu.au</a> )



## They set their goals; we smooth their way

**Making the transition from high school to university can be a daunting experience for a prospective student who does not have many peers at uni or is the first in the family to do so.**

It can be equally difficult for someone from a country town or who is new to Australia.

Taking the leap can be particularly complex for our new Australians who have settled in the country under its humanitarian policy. The majority in this community would have endured years of fear, hardship and uncertainty moving from one refugee camp to another at times in different countries. However most of them like us hope for a healthy future in all its varied dimensions.

Prospective students from refugee backgrounds are significantly under-represented in tertiary education. In addition to prejudice, financial and administrative impediments, barriers to higher education include limited knowledge of the Australian tertiary sector and the need to adjust to a different learning environment.

UniDiscovery at Student Services is running a pilot program – *Setting Future Goals: Transition skills for prospective students from refugee backgrounds* which is being offered to the Cyril Jackson Senior Campus which has large numbers of students from this group. The program was born of a comment by a teacher from Cyril Jackson after an earlier campus visit:

*'Setting Future Goals is a very important step in the students' successful integration into a new society and in encouraging them to continue with future education and training. Visiting the campus made a huge difference in increasing their understanding of university life.'*

There are two parts to *Setting Future Goals*. The first session was held last month and the second is in September. We were keen to hold three sessions but the students were reluctant to miss too much of school in their TEE year. They attend workshops and talks on study skills, stress management, requirements for entry at UWA and information on scholarships.

A key component of the programme is the opportunity for the visiting students to meet UWA students who responded warmly to an invitation to be involved. The students chatted over lunch and during a walk around the campus and the high school students were given personal insights into uni life. We were unsure how the program would be received but feedback from the Cyril Jackson students has been most encouraging:

*'Visiting UWA was a turning point in my life. The chance to see how a university works broke my fears about starting my tertiary studies giving me a great encouragement boost.'*

*'Talking to UWA students was a great way to get insights into courses. I personally liked talking to a green chemistry*

*student because that is what I want to do at UWA.'*

*'Having lunch and a tour with the current uni students was the best event of all. It was obvious they were keen to help us.'*

Equally enthusiastic was the response from the UWA students as their comments suggest:

*'I come from a country town where nobody considers going to university. We had no idea about the opportunities or about the university experience. I wanted to give these students some idea as to the fun, exciting and mind opening experiences at UWA.'* (Nigel)

*'What amazed me the most was how passionate they are to use their past as a source of inspiration to drive them to succeed and make the most of their opportunity especially for family who are left behind.'* (Laurissa)

*'I hope that we will see this program become bigger - involving more students from both sides - as it promotes, amongst other things, a sense of community.'* (Zarah)

*Setting Future Goals* is just one example of a range of activities organised by UniDiscovery which works with high schools which are not highly represented in the UWA student cohort. We hope through campus visits and talks by enrolled UWA students who act as uni role models that prospective students have an understanding about the possibilities studying at university offers for personal and career development. Many UWA staff generously give their time to organise activities for visiting students, sharing their passion and knowledge. UniDiscovery counts on their support.

We may not see immediate measurable outcomes but we hope that by working with high schools and in partnership with UWA colleagues, we are building the aspirations of new Australians and students from the country and outer metropolitan areas.



# UWAnews

EDITOR/WRITER Lindy Brophy Tel: 6488 2436 Fax: 6488 1192  
Email: [lindy.brophy@uwa.edu.au](mailto:lindy.brophy@uwa.edu.au)

EDITOR-IN-CHIEF Doug Durack Tel: 6488 2806 Fax: 6488 1020

Designed, typeset and printed by UniPrint, UWA

UWAnews online: <http://uwanews.publishing.uwa.edu.au/>