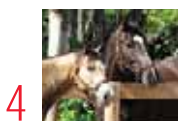


Adelaidean

NEWS FROM THE UNIVERSITY OF ADELAIDE

August 2008 | Volume 17 | Number 6

inside this issue



4 Partnership puts trust in horse research



8 Bio Skills SA sets new standard in medical teaching



12 **OPENDAY08**



17 Forensics experts earn police medals



OPENDAY08

THE UNIVERSITY OF ADELAIDE

SUNDAY 17 AUGUST 10AM-4PM

LIVING LIFE IMPACT - NORTH TERRACE CAMPUS



Open Day is about providing the whole family with a unique experience of the University of Adelaide.

It is an excellent opportunity for all members of the community to visit our North Terrace Campus and get to know what the University of Adelaide is all about.

This month's issue of the *Adelaidean* provides a taste of some of the activities, events, entertainment, tours and public talks offered during Open Day.

For more information, pick up an Open Day program at the North Terrace Campus on

Sunday 17 August, or visit the University of Adelaide's Open Day website: www.adelaide.edu.au/openday

To read about The Forum, turn to page 11

To get a taste of Open Day, turn to pages 12 and 13

To see the program of Talks offered on Open Day, turn to page 14

To learn more about the Roseworthy Campus Careers & Information Day, turn to page 14



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From the Vice-Chancellor

Welcome to this special Open Day issue of the *Adelaidean*.

I'm going to take a side-step from my usual monthly columns in this issue because now is a perfect opportunity either to encourage you to attend our Open Day (on Sunday 17 August) or – if you're one of the thousands of people reading this issue having already picked it up on campus during Open Day – to say a few extra words about the University of Adelaide.

For those unfamiliar with the University of Adelaide, we are Australia's third oldest university and now have more than 20,000 students, with more than a quarter of those being international students.

We were established in 1874 and have a long history of groundbreaking research and academic excellence. Our University is a member of the prestigious Group of Eight (Go8) universities in Australia. We have five campuses: North Terrace, Waite, Roseworthy, Thebarton, and also a campus in Singapore.

At the University of Adelaide, we are proud of our heritage and history but we are also at the cutting edge of new research and innovation, which means our students benefit from – and help to create – the latest thinking.

One of the things we are most proud of is the impact that our students, staff, graduates and affiliates make on the lives of people around the world. Students at our University are taught by some of the world's experts in their field. We are committed to producing graduates recognised for their creativity, knowledge and skills, as well as for their culture and tolerance. As a result, graduates of our University can be found in positions of leadership in all fields of endeavour.

The University of Adelaide prides itself on providing a quality education, but being a student at our University

is not just about academic studies – it's also about building those broader life skills and social networks that can last a lifetime. Students discover opportunities that will assist them in developing leadership and communication; they will engage with others from a diverse range of cultures with different backgrounds and agendas, all helping to enrich the experience. What students gain from a university such as ours goes beyond the classroom and will stand them in good stead for their future careers, and their lives.

This issue of the *Adelaidean* contains some information about Open Day in order to give you a taste of what you can expect on the day. It also gives you a taste of what you should expect from an educational experience at the University. For more information about Open Day (17 August) or the Roseworthy Campus Careers & Information Day (15 August), please visit our website: www.adelaide.edu.au/openday

This publication also contains many stories about the excellent work being done here by our staff, students, graduates and friends. But this is just the tip of the iceberg – there are thousands of other good news stories at the University of Adelaide, and I hope you get the chance to learn about some of these stories at Open Day.

JAMES A. McWha
Vice-Chancellor and President

Art & Heritage Collections

Art & Heritage Collections is celebrating the Nobel Prize-winning work of Sir William and Sir Lawrence Bragg with a display of artefacts open to the public throughout August, including Open Day (Sunday 17 August).

A selection of items used by Sir William Bragg during his 22 years as a Professor of Physics at the University of Adelaide at the turn of the 20th century, will be on display in the Barr Smith Library, North Terrace Campus.

These items are part of the University's Physics Museum Collection. Established in the mid 1980s, the collection consists of 414 artefacts – ranging from equipment, apparatus and photographs – all directly related to more than 130 years of Physics teaching and research at the University of Adelaide.

■ Mirna Heruc, Manager, Art & Heritage Collections



This microscope was purchased by Nobel Laureate William Bragg in London in 1898 for his private use and the enjoyment of his family. The microscope is one of the items on display in the Barr Smith Library throughout August and on Open Day (Sunday 17 August).

Bragg microscope
Made by C. Collins of London
Donated by Dr John Jenkin

Photo by Mick Bradley



Meet our new head of research

■ Research



OPENDAY08

For more information about Research visit Open Day (Sunday 17 August).

www.adelaide.edu.au/openday



An expert in using artificial intelligence to enhance video camera surveillance, Professor Mike Brooks, has been appointed to lead the research operations at the University of Adelaide.

Professor Brooks has been appointed to the position of Deputy Vice-Chancellor and Vice-President (Research) to provide leadership and vision on research and research education across the University.

"Professor Brooks is an outstanding appointment to the role, and he will be critical in helping the University to achieve its strategic aim of becoming one of the world's great research universities," said the Vice-Chancellor and President, Professor James McWha.

"As an internationally regarded researcher, Professor Brooks has an in-depth understanding of the needs of the individual researcher as well as our overall research operations. He brings a wealth of experience to the position, and also has the kind of energy, drive and enthusiasm for research that this role needs.

"Professor Brooks has a unique understanding of the University's research activities thanks to his former role as Chair of the Research Quality Framework Board, where he played a major part in auditing the University's research capability, and in his role over the past year as Pro Vice-Chancellor (Research Strategy)."

Professor Mike Brooks said: "I'm honoured to be able to take

on this role at the University of Adelaide, which is one of Australia's great research universities and a powerhouse of research in South Australia.

"The University already makes a significant impact worldwide in terms of research, but we can achieve so much more. We are highly regarded internationally for a number of key research areas, especially within the health sciences and the sciences, in areas that impact on many people's lives on a daily basis. We also have a wide range of research collaborations with government, business and industry.

"This is an exciting time to be involved in the University's research efforts, and I look forward to helping to grow the opportunities for research and research education in this State for the benefit of our staff, students and the community."

Professor Mike Brooks is a leading international researcher in computer vision and image analysis. His work has seen wide commercial use in the security and defence industries and has resulted in international awards. Professor Brooks is Research Leader of Video Surveillance within the Australian Centre for Visual Technologies at the University of Adelaide and is a former Head of the School of Computer Science, where he holds the Chair in Artificial Intelligence.

■ Story by David Ellis

■ News in Brief



Cancer surgeon and survivor shares his story

"*Battling Cancer: Taking responsibility and creating change*" is the title of a free public lecture being given at the University of Adelaide this month by Professor Chris O'Brien, widely known to Australian audiences through the reality TV program *RPA*.

Professor O'Brien (pictured above) is the former Director of the Sydney Cancer Centre, based at Royal Prince Alfred Hospital and the University of Sydney.

In 2006 he was diagnosed with a malignant brain tumour requiring a number of operations, radiotherapy and months of chemotherapy. He also embraced a regime of natural medicine and meditation.

In a public lecture organised by the Northern Communities Health Foundation and the Faculty of Health Sciences at the University of Adelaide, Professor O'Brien will share his story.

The lecture will be held at 5.30pm on Tuesday 5 August in the Florey Lecture Theatre, University of Adelaide Medical School, Frome Road, Adelaide.

For more information and to RSVP, contact Leanne Winter on (08) 8303 4084 or email: leanne.winter@adelaide.edu.au

High Court Justice gives free public lecture

Justice Michael Kirby AC, CMG of the High Court of Australia will give the latest free public lecture as part of the Law 125 Distinguished Speakers Series.

The lecture is free and open to the public, and helps to celebrate the 125th anniversary of the University of Adelaide's Law School.

Justice Kirby, who has been a High Court Justice since 1996, will speak on "100 Years of Jumbunna".

His lecture will be held at 1.00pm on Monday 4 August in the Moot Court Room, Law School, Ligertwood Building, North Terrace Campus.

For more information about Law 125 events, please contact Dr Paul Babie, Associate Dean of Law (Research), on (08) 8303 5521 or email: paul.babie@adelaide.edu.au



OPENDAY08

For more information about studies in Veterinary Science visit the Roseworthy Campus Careers & Information Day (Friday 15 August). Information is also available at Open Day (Sunday 17 August).

www.adelaide.edu.au/openday



Partnership puts trust in horse research

■ Veterinary Science

“The union between Horse SA and the University of Adelaide stands to benefit both the school and the horse industry”

South Australia's horse industry is showing its support for the University of Adelaide's School of Veterinary Science, with the launch of a new trust fund for horse-related research.

Known simply as “The Horse Account”, the Australian Horse Industry Research and Development Trust has been established by the not-for-profit community-based horse industry organisation, Horse SA, to help raise funds for the Vet School's work.

The trust fund will provide much-needed financial support for research into equine health and welfare.

The Horse Account was launched last month at a public lecture at the University of Adelaide organised by Horse SA, the Vet School, and Development and Alumni at the University.

“This is the first and only fund of its kind in Australia,” said the Chairperson of Horse SA, Helen Whittle.

“Since our inception nine years ago we have enshrined in our constitution the intention to promote equine-related educational and research activities.

“We saw the need to establish a fund, led by horse owners themselves, to publicly demonstrate

our support for fostering the skills and knowledge of young people to research leading-edge horse health and welfare. We also saw the need to provide an opportunity for horse lovers to put aside money in their wills as an ongoing legacy to the animals they love.

“The Horse Account is a Deductible Gift Recipient Fund recognised by the Australian Tax Office, with all proceeds going directly to equine-related research,” Ms Whittle said.

The fund aims to support work in a range of areas, including:

- Horse health and welfare;
- Environmental management related to horse keeping and horse trails;
- Hoof care science;
- Facilities for research;
- Equine sports, and sports performance surfaces;
- Education of horse owners in topics related to scientific findings;
- Scholarships for students involved in equine-related studies.

“The union between Horse SA and the University of Adelaide stands to benefit both the school

and the horse industry, and we look forward to a long and fruitful association,” Ms Whittle said.

The Head of the University's Vet School, Professor Gail Anderson, welcomed the new fund.

“The establishment of The Horse Account will be crucial in assisting our new Vet School to develop a research and development program specifically for the equine industry,” Professor Anderson said.

“As well as providing horse owners with the opportunity to benefit from the latest knowledge in equine health and welfare, this work will have important spin-offs for direct application to other animals, and even human health. For example, equine research in joint repair methods leads the way for arthritis treatment in all species, including humans.

“We are extremely grateful for the opportunity to partner with Horse SA, and welcome their support in creating equine research opportunities in this State,” Professor Anderson said.

To donate to The Horse Account, contact Horse SA on (08) 8294 2460, or donate by using PayPal at the Horse SA website: www.horsesa.asn.au

■ Story by David Ellis



From left: Professor Alastair MacLennan from the University of Adelaide and Jimmy Barnes demonstrating how to do a cheek swab

Photo by Chris Sprod

Barnesy has the cheek – do you?

Obstetrics & Gynaecology

Do you have the cheek to help with cerebral palsy research?

That's the question being asked by researchers from the University of Adelaide, who have launched a major national study that seeks to involve 10,000 Australians in a bid to better understand the possible genetic causes of cerebral palsy.

The study – requiring cheek swabs of Australian mothers and their children – is the largest of its kind in the world.

Australian music legend Jimmy Barnes, whose daughter Elly-May has had mild cerebral palsy all her life, has thrown his support behind the research. Jimmy has urged Australians – especially those whose children suffer from cerebral palsy – to participate in the study by sending an SMS with their name and address to a dedicated national study mobile phone number: 0439 201 795.

One of the world's most serious complications during pregnancy and birth, cerebral palsy is a disability that affects one in every 500 children born in Australia, and the consequences are life long.

The research is being led by Professor Alastair MacLennan, Head of Obstetrics & Gynaecology at the University of Adelaide and head of the South Australian Cerebral Palsy Research Group, the world's leading research group into the causes

of cerebral palsy. PhD student Michael O'Callaghan is the national coordinator of the trial.

"Recent studies by our group suggest that cerebral palsy may be associated with genetic and other mutations that may increase blood clotting within the brain. An association between cerebral palsy and different types of herpes virus infection – such as cold sores and chicken pox – has also been discovered in South Australian studies," Professor MacLennan said.

"The next step is to see if this is true in a much larger population, comparing the genetics of both mother and child," he said.

"Such a study does not require a major commitment from Australian families – all we need is their support to obtain a cheek swab and to fill out a short survey."

People with cerebral palsy lack control of their movement and posture as a result of brain injury in the neuro-motor region. The symptoms vary greatly in severity, ranging from poor muscle coordination to quadriplegia. Cerebral palsy is usually present from birth. The injury to the brain does not get worse over time.

"It was once thought that cerebral palsy was caused by low oxygen levels during birth. However, this is rarely the case," Professor MacLennan said.

"Obstetric care and caesarean deliveries have increased six-fold over the last 50 years, but the incidence of cerebral palsy cases has remained the same. Most of the cases are associated with problems during pregnancy and possible genetic susceptibility. Currently there is no cure or way to prevent cerebral palsy," he said.

"If our research confirms that there are genetic mutations that can lead to cerebral palsy, specific disease preventions may be available for individuals."

How to participate

Mothers and Australian-born children aged 5-18 who enrol in this study will be able to collect their own genetic (DNA) cheek skin samples. Cheek swabs will be posted to the participants, along with instructions and a short questionnaire.

To find out more about the study or to enrol, either:

SMS your name and address to: 0439 201 795, or

Phone (freecall): 1800 800 254, or Fax: (08) 8161 9111, or

Email: cerebralpalsy@adelaide.edu.au, or visit

Website: www.adelaide.edu.au/cerebralpalsy

OPENDAY08

For more information about studies in Health Sciences visit Open Day (Sunday 17 August).

www.adelaide.edu.au/openday

Impact of social sciences explored in lecture series

A new public lecture series at the University of Adelaide aims to highlight the relevance of social sciences to our world.

The Distinguished Social Sciences Public Lecture Series gives members of the public the opportunity to hear from some of Adelaide's – and the world's – experts in their field.

Presented by Professor Ann Brooks, Head of the School of Social Sciences, and Professor Graeme Hugo, the free public lecture series is held at 6.00pm on Wednesdays in Napier Lecture Theatre 102, North Terrace Campus.

"The aim of these lectures is to give the public an understanding of the range of disciplines covered by the School of Social Sciences at the University of Adelaide, and how these areas of study impact on people's daily lives and the world around them," Professor Brooks said.

The August lecture will feature Professor Chilla Bulbeck (Discipline of Gender, Work and Social Inquiry, University of Adelaide), who will take a look at a potentially controversial issue that affects many Australians: *Family Responsibilities in the Age of Individualism: Whose 'Right' to 'Choose'?* (13 August).

Migration is another topic that has a huge impact not only on individuals but also on society as a whole. Two lectures in the series will deal with this issue, starting with *Theories of Global Mobility* (10 September) by Professor Stephen Castles (Professor of Migration and Refugee Studies, Department of International Development, University of Oxford); and *The New Paradigm of International Migration in Australia* (17 September) by Professor Graeme Hugo (Professorial Research Fellow, Director of GISCA, Geographical & Environmental Studies, University of Adelaide).

The growing importance of China to the western world will be addressed in *The Rise of China and Chinese Studies in the West* (22 October) by Professor Mobo Gao (Professor of Chinese Studies, Director of the Confucius Institute, Centre for Asian Studies, University of Adelaide).

For the full program of public lectures in this series for 2008 and 2009, visit: www.arts.adelaide.edu.au/socialsciences/



Downer's new role in international politics

Politics



Above:
Professor Alexander Downer at the University of Adelaide

Photo by Jennie Groom

Former Australian Foreign Affairs Minister and long-serving Member of Federal Parliament Alexander Downer has accepted a Visiting Professorship with the University of Adelaide.

"I am pleased to announce that Alexander Downer has been appointed to the position of Visiting Professor with the University of Adelaide's School of History & Politics," said the Vice-Chancellor and President, Professor James McWha.

"In this role, Professor Downer will be involved in teaching, writing, research and other University activities on a part-time basis. As well as working in the School of History & Politics, he will also be involved with the University's Institute for International Trade.

"The depth of experience Professor Downer brings to the role will be unique, having served for more than a decade as Australia's Foreign Minister. Our students and staff will greatly benefit from his first-hand knowledge of both politics and foreign affairs," Professor McWha says.

Professor Downer said: "I am delighted to be working at the University of Adelaide to maintain my interest and involvement with politics and international relations at an academic level.

"The University of Adelaide is one of Australia's leading universities and I am proud to be a part of it."

The University's Head of Politics, Dr Clem Macintyre, said Professor Downer's academic work would build on his continued roles in Australia and overseas.

"Professor Downer's continued interest in international relations will help to strengthen our teaching and research in this area," Dr Macintyre said.

"We're really looking forward to what he will bring to Politics at the University. This is an excellent opportunity for our students and staff to benefit from someone with such great experience of international relations."

Professor Downer has a Bachelor of Arts with Honours in Politics and Economics from the University of Newcastle upon Tyne, UK, and holds a Doctor of Civil Laws (*honoris causa*), also from the University of Newcastle upon Tyne.

He had been the elected Member for the Federal seat of Mayo since 1984 until his retirement from politics last month. Professor Downer was appointed Minister for Foreign Affairs in 1996 – a position he held until November 2007.

Among his many interests, he is a member of the Institute of International Affairs.

Professor Downer's appointment with the University began last month.

■ Story by David Ellis



Collins Class submarine *HMAS Waller*

Photo by ABPH Bill Louys, courtesy of the Department of Defence

Engineers target submarine stealth

Engineering



OPENDAY08

For more information about studies in Engineering visit Open Day (Sunday 17 August).

www.adelaide.edu.au/openday



Australia's Collins Class submarines could benefit from new research at the University of Adelaide that aims to improve their stealth capabilities.

Submarines are designed to be undetectable and rely on stealth to operate effectively. But keeping such a large vessel quiet is a huge challenge.

The University's School of Mechanical Engineering has received funding of \$530,000 to investigate a new stealth solution for the Collins Class submarines. The funding has been provided under the Department of Defence's Capability and Technology Demonstrator (CTD) Program, which is managed by the Defence Science and Technology Organisation (DSTO).

"The Collins Class submarines are propelled by electric motors, which makes them almost silent," said research leader Dr Carl Howard from the School of Mechanical Engineering.

"However, if the batteries that power the electric motors become

flat, they must be recharged with an electrical generator that is powered by a diesel engine. During the recharging operation the noise from the diesel engines reduces the stealth capabilities of the submarine. The aim of the project is to improve the stealth of the submarine during the recharging operation."

Dr Howard will conduct laboratory testing on improved vibration absorbers to reduce the noise – or "acoustic signature" – of the submarine.

"If the tests prove fruitful, this work could be vital in improving the operational effectiveness of the submarines," he said.

Dr Howard's work builds on the expertise within the University's Acoustics, Vibration and Control research group, which has been researching solutions for industry for more than 20 years. It also builds on the University of Adelaide's longstanding research partnership with the DSTO.

The University of Adelaide is also a partner in another CTD project

aimed at creating miniaturised GPS anti-jam modules that can be easily fitted to Defence Force vehicles. The funding for this project has been awarded to Tenix Systems. Mr Matthew Trinkle from the School of Electrical & Electronic Engineering is a collaborative partner in this research.

The University of Adelaide has considerable strengths in research and education that relate specifically to the defence and security industries. Among various Masters-level degree programs run by the University are a Master of Marine Engineering, offered in conjunction with Australian defence company ASC, and a Master of Sciences (Defence Signal Information Processing), which is part of the Continuing Education Initiative program conducted by DSTO.

For more information about defence and security research and education at the University, visit: www.adelaide.edu.au/desec

■ Story by David Ellis



From left: University of Adelaide students Dominique Baume and May Thwin practise with a human simulator robot in the new Bio Skills Laboratory

Photo by John Kruger

Bio Skills SA sets new standard in medical teaching

Health Sciences



OPENDAY08

For more information about studies in Health Sciences visit Open Day (Sunday 17 August).

www.adelaide.edu.au/openday



The University of Adelaide has unveiled the most high-tech medical teaching facility South Australia has ever seen – Bio Skills SA – complete with human simulator robots and a fully integrated audiovisual system for remote videoconferencing.

Vice-Chancellor and President of the University Professor James McWha officially opened the \$4.6 million facility last month at the University's Medical School.

The Bio Skills SA facility, together with a refurbished Surgical Skills Laboratory and an upgraded dissection room, provides students with access to clinical skills simulation and interaction with live patients, modern anatomy and pathology resources and surgical scenarios.

"Bio Skills SA sets a new standard of medical teaching in South Australia," Professor McWha said.

"It is the first medical teaching facility of its kind in Australia to have areas that are interchangeable to meet the different and evolving needs of staff, students and professionals.

"This is an exciting step in the University's extensive development program, which will see state-of-the-art research and teaching facilities evolve on our North Terrace, Waite and Roseworthy campuses over the next four years."

Bio Skills SA can accommodate undergraduate and postgraduate

students from health science disciplines including medicine, nursing and physiotherapy.

New technology in the facility will enable students to experience clinical situations more realistically, enhancing their skill development. Key features of the facility include:

- The **Bio Skills Laboratory** will house robots – human simulators – that can be programmed to speak to students during clinical skills classes, much like actual patients would speak to their doctor. This will help students learn how to treat and deal with patients when diagnosing them. They will have the ability to make errors without causing harm and observing the outcomes of different actions;
- The **Surgical Skills Laboratory** replicates theatre conditions, allowing students to practise under real conditions. With 12 surgical stations and full audiovisual monitoring, students will be able to review their procedures live on screen to ensure their technique is the best possible under theatre conditions;
- The **fully integrated IT and AV system** enables videoconferencing with existing campus facilities, students at remote campuses and rural and regional hospitals, and externally to teaching hospitals and other national and international institutions.

"The IT and AV is truly state-of-the-art," said Professor Justin Beilby, Executive Dean of Health Sciences at the University of Adelaide.

"This has particular benefits for rural teaching and professional development. Students on placements in rural South Australia can attend classes remotely via videoconference and medical practitioners working interstate or overseas can access conferences, workshops and information sessions being held at Bio Skills SA.

"We are also introducing Bio Skills robots to our teaching practices. These sophisticated human simulators reproduce clinical settings in great detail and are increasingly important educational tools. They produce lung, heart, and bowel sounds, have anatomically correct pulses and respond to medical and pharmacological interventions appropriately.

"The Medical School is always teaching at capacity and health sciences courses are rapidly increasing in popularity and student numbers. This new space responds to this demand and will provide a work and study environment that is second to none," Professor Beilby said.

■ Story by Olivia Jones and Anna Day



Above and left:
An artist's impression
of the new \$100 million
building on the Lower
Level of the North Terrace
Campus

Images by Tucker Creative

Construction begins on \$100 million building

Facilities

“The benefits to students extend beyond just the learning environment, with the building offering more and better opportunities to develop social networks”

The University of Adelaide has engaged leading Australian building contractor Hindmarsh to construct the University's largest ever building project, a new nine-level \$100 million facility to be located on its North Terrace Campus.

The state-of-the-art building will house teaching and research facilities for students and staff in the University's Faculty of Engineering, Computer and Mathematical Sciences, and will cater for significant growth in students in the Faculty.

Work to construct the building has begun following the formal signing of the contract by the Vice-Chancellor and President of the University of Adelaide, Professor James McWha, and Hindmarsh Director Peter Gibberd.

Hindmarsh was selected following a nationwide tender process managed by the University.

“This \$100 million building is the largest construction project in the University's extensive development program, which is the most significant in the University's

history,” Professor McWha said.

“The facility will enable students to utilise teaching and research resources that are among the best of their kind anywhere in the world. The benefits to students extend beyond just the learning environment, with the building offering more and better opportunities to develop social networks outside of their own areas of study,” he said.

The new building will be constructed on the lower level of the University's North Terrace Campus. It will provide more than 11,000 square metres of space over nine stories and includes purpose-built teaching, learning, research, and other student and staff facilities.

“This building is an integral component of the University's North Terrace Development Strategy, so it was essential we found the right company to undertake the work,” Professor McWha said.

The building has been designed to enable it to be used as a teaching tool with innovative features such as high environmental sustainability

and building performance monitoring equipment.

“The building has significant Environmental Sustainable Design (ESD) aspirations and the proposed development is in keeping with the intent of South Australia's Strategic Plan and the planning strategy of metropolitan Adelaide,” said Professor Peter Dowd, Executive Dean of the Faculty.

“This new, environmentally sustainable building will enable the Faculty to continue to increase its intake of students into the disciplines that underpin the State and national economies and provide the graduates who will be instrumental in the delivery of key state and national priorities,” Professor Dowd said.

The building is expected to be completed by mid 2010.

More than \$400 million is being invested in state-of-the-art research and teaching facilities on the North Terrace, Waite and Roseworthy campuses over the next four years.

■ Story by Olivia Jones



Former VCs take their rightful place

Portraits of the University of Adelaide's early Vice-Chancellors are now displayed along with the more contemporary Vice-Chancellors in the University's heritage-listed Mitchell Building.

A lucky find in the Barr Smith Library of original historic photographs of four Vice-Chancellors from the 1800s has enabled them to take their place on the Mitchell Building walls.

Reproduced images of the last two missing Vice-Chancellors, sourced from *The Advertiser* and University Archives, have completed the line-up.

Since the 1950s, Vice-Chancellor portraits have been exhibited in the central stairway of the Mitchell Building. Before then, only those Vice-Chancellors that went on to become Chancellors had their portraits commissioned, and displayed in Bonython Hall.

"For many years the University's early Vice-Chancellors were unrepresented among this visual history," said Mirna Heruc, Manager of the University's Art and Heritage Collections.

"This exhibition and associated research will add significantly to our understanding of the University's early years."

The new portraits are of: The Reverend Professor William Roby Fletcher (Vice-Chancellor from 1883-1887 – the third Vice-Chancellor); The Venerable George Henry Farr (from 1887-1893); John Anderson Hartley (from 1893-1896); Dr William Barlow (from 1896-1915); The Honourable Sir Herbert Angas Parsons (from 1942-1945) (pictured above); and Professor John McKellar Stewart (from 1945-1948).

The University of Adelaide's first two Vice-Chancellors, The Right Reverend Augustus Short (Vice-Chancellor from 1874-1876) and The Right Honourable Sir Samuel James Way (from 1876-1883) are represented in Bonython Hall.

■ Story by Robyn Mills



Disaster looming for tropical habitats

Environmental Sciences



OPENDAY08

For more information about studies in Science visit Open Day (Sunday 17 August).

www.adelaide.edu.au/openday



A major review by University of Adelaide researchers shows that the world is losing the battle over tropical habitat loss with potentially disastrous implications for biodiversity and human well-being.

Published online in the Ecological Society of America's journal, *Frontiers in Ecology and the Environment*, the review concludes we are "on a trajectory towards disaster" and calls for an immediate global, multi-pronged conservation approach to avert the worst outcomes.

Lead author Associate Professor Corey Bradshaw, from the University of Adelaide's School of Earth and Environmental Sciences, said tropical forests support more than 60% of all known species. But up to 15 million hectares of tropical rainforest are being lost every year and species are being lost at a rate of up to 10,000 times higher than would happen randomly without humans present.

"This is not just a tragedy for tropical biodiversity, this is a crisis that will directly affect human livelihoods," Associate Professor Bradshaw said. "This is not just about losing tiny species found at the base of big trees in a rain forest few people will ever see, this is about a complete change in ecosystem services that directly benefit human life."

"The majority of the world's population live in the tropics and what is at stake is the survival

of species that pollinate most of the world's food crops, purify our water systems, attenuate severe flood risk, sequester carbon (taking carbon dioxide out of the air) and modify climate."

Associate Professor Bradshaw said recent technical debate about likely extinction rates in the tropics could be used by governments to justify destructive policies.

"We must not accept belief that all is well in the tropics, or that the situation will improve with economic development, nor use this as an excuse for inaction on the vexing conservation challenges of this century," he said.

"We need to start valuing forests for all the services they provide, and richer nations should be investing in the maintenance of tropical habitats."

One of the biggest issues is corruption.

"The greatest long-term improvements can be made in governance of tropical diversity resources and good governance will only come from strong multi-lateral policy. We need international pressure to ensure appropriate monitoring and accounting systems are in place."

The review, *Tropic turmoil: a biodiversity tragedy in progress*, can be found online at: www.frontiersinecology.org

■ Story by Robyn Mills

OPENDAY 08

THE FORUM

Ever wondered what type of **research** happens at the Uni?

In The Forum, leading University researchers will address big community issues in a panel format that gives members of the community the chance to interact, ask questions, and have their say.

Water Desalination Plants: A Solution to Water Shortages or Drain on the Environment?

Sunday 17 August, 1:00pm to 2:00pm,
Napier Building Lower Ground,
Room LG29. Entry free.

In recent times much of Australia has been experiencing the effects of severe drought. Chronic water shortages have put pressure on governments to secure new sources of water. One option is the large-scale desalination of seawater.

Apart from the obvious benefits, what are the negative implications? Have governments considered the high energy consumption levels and high costs of establishing and maintaining desalination plants? And what of the direct and indirect environmental effects?



Professor Barry Brook

Barry Brook, Director of the Research Institute for Climate Change and Sustainability at the University of Adelaide, is an international research leader in global ecology and conservation biology. He has published two authored books and more than 130 scientific papers on various aspects of human impacts on the natural environment and biodiversity, including climate change, deforestation and overexploitation of populations. The principal motivation for his research is to identify ways and means of reducing extinctions and mitigating the worst ravages of global change.



Professor Graeme Hugo

Graeme Hugo is a University Professorial Research Fellow, Professor of the Department of Geographical and Environmental Studies and Director of the National Centre for Social Applications of Geographic Information Systems at the University of Adelaide. Professor Hugo's research interests are in population issues in Australia and South-East Asia and he is currently working on reports on Migration and Development for the Australian Government and the Asian Development Bank.



Associate Professor David Chittleborough

David Chittleborough received his PhD in Pedology in 1982 at the University of Adelaide and joined the Department of Soil Science in 1983 where he began research on processes of non-point source pollution, specifically the impact of soil processes and soil management on water quality. He has a long-standing interest in natural resource science and management and is a member of the recently formed Hydopedology Working Group of the International Union of Soil Science and Co-director of the Water Research Centre of the University.



Professor Wayne Meyer

Wayne Meyer gained an Agricultural Science degree (1973) and a PhD in Agronomy (1977) from the University of Adelaide. He has been employed by the Water Research Commission of South Africa; several positions within the CSIRO; and is the inaugural Chair of Natural Resource Science within the School of Earth and Environmental Sciences. In recent times he has worked with researchers from a range of organisations on irrigated crop water use, salinity management, sustainable farming systems and modelling natural resource management systems.

OPENDAY08



THE UNIVERSITY OF ADELAIDE

SUNDAY 17 AUGUST 10AM-4PM

LIVING LIFE IMPACT - NORTH TERRACE CAMPUS

Why come to university? What are we doing that's exciting and new? How do we make an impact on your everyday life?

Open Day 08 is an excellent opportunity for all members of the community to visit our beautiful North Terrace Campus and get to know what the University of Adelaide is all about. No matter what your age or your interests, there's something for almost everyone.



Here's a brief glimpse of what's in store...

ACTIVITIES & TALKS

Find out what you need to know

Open Day is your window on the many opportunities for study at a leading Australian university. Be sure to visit the Bonython Hall Expo where you can find out about what courses we offer, where they can lead you, and the wide range of services available to our students.

Our Faculties and Schools also have displays and talks that will bring to life the kinds of academic opportunities that await you.

GENERAL TALKS

These provide useful information for any new and prospective students, such as the "Beginners' Guide to University", "Adelaide Abroad: Overseas Study as Part of Your Degree", "Undergraduate Scholarship Opportunities" and "Applying to and Enrolling at Uni".

FACULTY TALKS

Each of the University's Faculties has organised a series of talks to specifically address the opportunities for study and where that can lead you. Turn to page 14 for a full timetable of Open Day talks.

FACULTY ACTIVITIES

Seeing the work with your own eyes and being able to speak with current students and staff about it makes all the difference. From working with DNA, to reducing noise in industrial environments, from "rewiring" the human brain, to creating computer animation, or tasting 17th century food – there are dozens of examples that will help you to better understand the wide-ranging educational and research opportunities available at the University of Adelaide.

For full details of all activities on Open Day, pick up an Open Day Guide.



ART & HERITAGE COLLECTIONS

Get a bit of culture

A wide range of talks, displays and tours that highlight the arts and cultural aspects of University life can be found at Open Day, such as:

Tate Museum

Ground Floor, Mawson Laboratories

Established in 1925, the Tate Museum collection includes minerals, rocks, fossils and specimens that illustrate geological phenomena, such as items collected during Sir Douglas Mawson's expeditions.

The museum is open from 10.00am to 4.00pm. Meet a tour guide at 2.00pm in front of the Mawson Laboratories for a 30-minute tour.

Arthur Boyd's *The Judges Series*

Exhibition Space, Mitchell Building

Arthur Boyd chose the theme for his series of 12 paintings, *The Judges*, in the hope that judges would never forget about human frailties and the susceptibility of temptation.

Sub Cruce Lumen: granting of arms to the University of Adelaide

Foyer, Barr Smith Library

Archival material tells the story of the application, approval and use of the University arms and motto as the symbolic representation of the University of Adelaide and affiliated St Mark's College.



ENTERTAINMENT & FOOD

Fun stuff around campus

Open Day offers a variety of entertainment right across the campus, from the Festival of Short Films, to indigenous music and food, sports and clubs demonstrations, drama and orchestra rehearsals.

Festival of Short Films

Scott Theatre

What's "Behind the Door"? Short films from young Australians addressing this theme will be shown and judged at this year's Festival of Short Films from 12.00pm to 2.00pm. Come and see the new generation of filmmakers giving it their shot at industry and public recognition, and prizes.

Wilto Yerlo/CASM

Walter Young Gardens

From 12.00pm to 3.00pm, enjoy an indigenous feast and see performances by the musicians and dancers from the Centre for Aboriginal Studies in Music (CASM).

Clubs, Sports and Entertainment/ Adelaide University Union

Hughes Plaza

University isn't all about study – there's also the social aspect! Check out the atmosphere on campus, with live music, demonstrations by the various sporting and special interest clubs, and get a taste for what student life is like all year round.

TOURS

What's inside those buildings?

There are tours to suit just about everyone's taste – Public Art and Heritage Tours, general Campus Tours, tours of laboratories and accommodation facilities, and even a self-guided tour of the historic Mitchell Building.

Museum of Classical Archaeology

Basement, Mitchell Building

At 11.30am, take a guided tour with Dr Margaret O'Hea, Director of the Museum of Classical Archaeology and Head of Classics at the University of Adelaide. Explore the treasures on display in the Museum including a Roman terracotta sarcophagus (ca 100 BC), a Villanovan cremation urn (9th century BC), and much more.

Campus Tours

Bonython Hall

Every hour from 11.00am a new Campus Tour starts out the front of the majestic Bonython Hall. Each tour lasts for approximately 45 minutes and will guide you through a combination of some of the University's heritage buildings and modern buildings, including laboratories and other areas of interest.



Open Day program on Sunday 17 August or visit the website: www.adelaide.edu.au/openday

ROSEWORTHY CAMPUS CAREERS & INFORMATION DAY



Friday 15 August 10am - 2pm
Information sessions start 10am
Formalities finish 12.30pm

Careers that can take you places

Interested in a career that won't tie you to a desk?

Then come to the Roseworthy Campus Careers and Information Day and discover how programs offered by the Faculty of Sciences on the Roseworthy Campus can help you achieve your goal! Information will be provided about career options and programs available at Roseworthy, scholarships, admission to programs, accommodation and other student support.

Information sessions will be presented for the following programs:

- Bachelor of Agriculture
- Bachelor of Science (Agricultural Science)
- Bachelor of Science (Animal Science)
- Bachelor of Science (Animal Science: Pre-Veterinary)

Take a tour of the Roseworthy Campus, including accommodation facilities, and discover the range of sporting and social activities on offer.

For schools interested in arranging a tour and any other information, contact: Judy Tucker on (08) 8303 7812 or email: judy.tucker@adelaide.edu.au



OPENDAY TALKS TIMETABLE SUNDAY 17 AUGUST 10AM-4PM www.adelaide.edu.au/openday

	ELDER HALL Elder Hall, Upper Campus	UNION HALL Union Hall, Lower Campus	FLENTJE LECTURE THEATRE Plaza Building	NAPIER 102 Level 1, Napier Building, Upper Campus	RENNIE LECTURE THEATRE Ground Floor, Horace Lamb Building, Lower Campus	HORACE LAMB LECT. THEATRE Ground Floor, Horace Lamb Building, Lower Campus	NAPIER LG29 Lower Ground, Napier Building
10.00am	Beginners Guide to University						
10.30am	Creating Your Future Humanities & Social Sciences	I've Done the UMAT - Now What? Medicine	The World of Engineering, Computer Science and Mathematics	Pathways to Teaching in Secondary Schools Education		Excellence in Clinical Practice Nursing	Overseas Study As Part of Your degree Adelaide Abroad
11.00am	A Profession for Life Music	Pathways, Goals and Careers Psychology	Engineering, Computer & Mathematical Sciences	A Degree for Life Economics		Undergraduate Scholarship Opportunities	
11.30am		The Science Experience at the University of Adelaide Sciences	Bioinspired Chips, Renewable Energy and New Technologies for Medicine Electrical & Electronic Engineering	Turning Inspiration into Action Development Studies	International Students A Guide to the University of Adelaide for Year 12 and Foundation Studies Students	Applying To and Enrolling at Uni	Humanities and Social Sciences at Uni ReOrientation
12.00pm		Taking Care of Business Commerce/Finance	Who Put the Civil in Civilisation? Civil, Environmental & Mining Engineering	Be Internationally Known International Studies		What Does it Cost to Study?	Not Coming Directly from School? Information on Pathways to Uni
12.30pm		The Role of Lawyers in Contemporary Society Law	Where Can a Degree in Maths Take You? Mathematical Sciences	How Do We Measure Up? Social Sciences	Life's Building Blocks Molecular & Biomedical Science	Life at University and Beyond! Young Graduates	Live to Succeed Accommodation Service
1.00pm			The World of Engineering, Computer Science and Mathematics Engineering, Computer & Mathematical Sciences REPEAT	Join the Digital Revolution Media	Our Environment, Ecology, Marine Biology and Natural Resources Earth & Environmental Sciences	Your Life on Campus Adelaide University Union	The Forum Water Desalination Plants: A Solution to Water Shortages or Drain on the Environment?
1.30pm		Pathways, Goals and Careers Psychology REPEAT		Talk Your Way to the Top Languages	Growing the Future Agriculture, Food & Wine	Beginners Guide to University REPEAT	
2.00pm		The Worldwide Health Industry Degree Health Sciences	The Graduate Computer Science	Putting Your Passion to Work Arts	How Do I Become a Vet? Veterinary Science	Design Studies, Architecture and Landscape Architecture	Sustaining Our Earth's Future Environmental Policy & Management
2.30pm		Make the World Smile Dentistry & Oral Health	Mechanical Engineering: Designing the Future Mechanical Engineering	Pathways to Teaching in Secondary Schools Education REPEAT	From NanoScience to Space Science Chemistry & Physics		Overseas Study As Part of Your Degree Adelaide Abroad REPEAT
3.00pm		Excellence in Clinical Practice Nursing REPEAT	No, I'm Not a Petrol Pump Attendant Petroleum Engineering	A Degree for Life Economics REPEAT	Undergraduate Scholarship Opportunities REPEAT	Applying To and Enrolling at Uni REPEAT	
3.30pm			Chemical Engineering in the 21st Century Chemical Engineering	Taking Care of Business Commerce/Finance REPEAT	What Does it Cost to Study? REPEAT		

New school gets down to business

■ Business

The University of Adelaide has launched its new Business School with a celebration at the National Wine Centre including the announcement of two new Professors.

The University of Adelaide Business School has been formed from the merger of the School of Commerce and the Adelaide Graduate School of Business, with staff and students now located in the newly refurbished 10 Pulteney Street Tower.

Head of School Associate Professor Barry Burgan said the new School structure would benefit students, enable expanded research, and help the School to interact more effectively with the business community.

"With the combination of different business disciplines into the one School, students will benefit from increased flexibility in course choice and being able to study different areas of business within the one program, giving them a great start in their careers," Associate Professor Burgan said.

"The new Business School will enable us to build on our existing reputation in business education and research, with our multidisciplinary approach to

business benefiting both research outcomes and teaching."

Two new Professors have been appointed to the Business School: Professor Dogan Tirtiroglu, from Concordia University in Canada, has taken up the new position of Professor of Banking; and Professor Allan Hodgson, from the University of Amsterdam, will become Chair of Financial Accounting in July 2009.

Professor Tirtiroglu has a rich research background in banking, property and corporate finance research and was recently appointed as a fellow of the prestigious Homer Hoyt Advanced Studies Institute in Florida.

Professor Hodgson is Professor of Financial Accounting with the Amsterdam Business School. He has research interests in the areas of international accounting standards, insider trading, corporate governance and the valuation of intangibles.

The launch of the Business School also included a forum debate: "What makes a good Chief Executive Officer?"

Three CEOs – University of Adelaide MBA graduate and Executive Director of the Bendigo and Adelaide Bank Jamie McPhee, Playford Capital Chief Executive Officer Amanda Heyworth and SolveIT Software Chief Executive Officer Matthew Michalewicz – told



an audience of business people, professional organisations and government representatives what helped them gain the top job.

The University of Adelaide Business School offers a complete range of programs from undergraduate business degrees, postgraduate specialist degrees and a highly regarded MBA (given a five-star ranking by the *Good Universities Guide*) through to research degrees.

■ Story by Robyn Mills



OPENDAY08

For more information about studies in Business visit Open Day (Sunday 17 August).

www.adelaide.edu.au/openday



Sponsorship: Creating meanings and delivering value

FREE PUBLIC LECTURE



Research Tuesdays – sharing great research with the community Tuesday 12 August at 5.30pm, Professor Pascale Quester

The evolution of sponsorship in recent times has been remarkable.

So what is sponsorship and what can it do?

The lecture uses examples from the sports and cultural sectors to demonstrate the power and limitations of sponsorship, and provides suggestions about how industry and the higher education sector could use sponsorship in a mutually beneficial manner.

Venue:

Lecture Theatre G04, Napier Building, North Terrace Campus
Duration approximately one hour. Admission free.

Bookings essential:

Email: research.tuesdays@adelaide.edu.au
Phone: (08) 8303 3692

Further information:

Visit the University of Adelaide's Research website: www.adelaide.edu.au/research



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OPENDAY08

For more information about studies in Humanities & Social Sciences visit Open Day (Sunday 17 August).

www.adelaide.edu.au/openday



Adelaide student Catriona Standfield was chosen out of hundreds of students from around the world

Photo by Candy Gibson

Catriona's push for a world without nuclear weapons

■ Achievement

A 20-year-old University of Adelaide student flew to Geneva last month to meet United Nations former chief weapons investigator Dr Hans Blix.

Catriona Standfield represented Australia at an international conference in Switzerland on Students for a Nuclear Weapons-Free World from 13-16 July, joining 14 other students from 11 different countries.

The double degree student in Arts and Development Studies was chosen to attend the conference out of 230 university students from 53 countries who entered a United Nations essay competition, encouraging governments to steer clear of nuclear weapons.

Dr Blix, who is President of the World Federation of United Nations Associations, initiated the student competition to engage young people from around the world to become more informed about global disarmament.

"The basic thrust of my essay was to engage the public to target key government people who are anti-nuclear and encourage them to become more outspoken," Catriona said.

"Some 12,000 nuclear weapons remain deployed around the world,

despite the fact that public sentiment overwhelmingly opposes their use. It is critical that people put pressure on their governments to either disarm or stay away from nuclear weapons."

Catriona said high-profile scientists should be recruited to lobby for a nuclear weapons-free world, and community forums organised to debate the issue.

"This approach empowers citizens and encourages them to hold their governments accountable," she said.

Catriona's essay was one of nine winning submissions selected by the United Nations judging panel. An additional six students who produced award-winning videos and posters also took part in the conference.

The participating students discussed the conference themes as part of a panel in Geneva and also attended a brainstorming workshop at the conclusion of the three-day event.

Apart from her double degree, Catriona is also studying Indonesian, hoping to secure work in that part of the world with the United Nations or an affiliated organisation after she graduates.

For more information on the Students for a Nuclear Weapons-Free World conference, visit the website: www.disarmamenthub.org

■ Story by Candy Gibson



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There's \$20,000 for reaching new heights in women's safety

If you've made a difference to workplace safety for the benefit of women, put your hand up for one of two Augusta Zadow \$10,000 Scholarships. Augusta Zadow, the first female inspector of factories in South Australia in 1895, initiated the type of improved working conditions that we now take for granted.

Nominations close 5pm Friday 29 August 2008
Fly to our website www.safework.sa.gov.au/azs

Safe Work Month Oct 13 - Nov 7
Workplace safety is in your hands

Supporting Safe Work Australia Month



Government of South Australia
SafeWork SA

SA UNIONS
WorkCoverSA
Better together

WWC
Working Women's Centre SA Inc

BUSINESS SA
the hive of industry



Professor Roger Byard



Dr Helen James

Forensics experts earn police medals

Recognition

“The scale of the tsunami was just so overwhelming... It was the worst thing I have ever witnessed in my life”

Above:
Devastation in a Thai street in the wake of the 2004 tsunami

China blue eyes stare out from the photograph of a blond-haired little boy, pinned to a ‘missing persons’ noticeboard in a tsunami-ravaged Thai village.

It’s a face that haunts Professor Roger Byard, four years after the University of Adelaide forensic pathologist was thrown into the most horrifying ordeal of his life.

The 2004 Boxing Day tsunami left a body count of more than 225,000 people in 11 countries, prompting the world’s largest humanitarian effort in recorded history.

Professor Byard and the Director of Forensic Odontology at the University of Adelaide, Dr Helen James, were part of an international contingent of Disaster Victim Identification (DVI) specialists who were flown in to Thailand from all corners of the globe to help identify the dead, working in the most appalling conditions imaginable.

Rotting bodies were brought in by the truckloads and towering stacks of coffins marked sites where bodies were processed, with teams of specialist police and forensic investigators working in makeshift mortuary tents for up to 12 hours straight.

The Australian contingent consisted of crime scene officers, fingerprint analysts, dentists and pathologists who were deployed for two-week rotations.

Over a fortnight, Professor Byard and Dr James helped to identify several hundred bodies.

Just two years earlier Professor Byard was part of the Bali bombing aid effort, spending countless hours sifting through the remains of the 202 dead to help in the identification process.

“Security issues were of prime consideration in Bali as the disaster was the result of international terrorism and not the consequence of a natural event,” he said. “In Bali, although the number of victims was relatively low, progress was slow owing to dismemberment of many of the bodies.”

Both experiences have earned Professor Byard an Australian Federal Police (AFP) Operations Medal, presented last month by the SA Police Commissioner, Malcolm Hyde, at a special parade at Fort Largs.

Dr Helen James has also received an AFP medal for her work in Thailand, identifying bodies from the 2004 tsunami.

Professor Byard is the only South Australian civilian to be awarded the AFP Operations Medal for both Bali (Operation Alliance) and the Asian Tsunami (Operation Cawdor). He was awarded the Humanitarian Overseas Medal in 2006 for his work in Thailand.

“The scale of the tsunami was just so overwhelming,” he recalled. “It was the worst thing I have ever witnessed in my life.”

But in a surreal way, he also saw human nature at its best. “In Thailand, hundreds of Buddhist monks would wander around the

dead bodies at night to bring peace to the spirits of the dead. I also attended a ceremony to honour the dead in which 2000 rice paper lanterns were released into the night sky. It was like watching the Milky Way over our heads. Without a doubt, it was the most beautiful thing I have ever seen.”

Dr James was the first South Australian Disaster Victim Identification specialist on the ground after the tsunami, working out of the Yan Yao temple in Takua Pa, north of Phuket.

“Theoretically we were prepared, but the reality was fairly stark because I was on the first rotation and there was still a lot of confusion,” she said.

“From a professional perspective it was invaluable, and it was a privilege to have been there to make a difference.”

Dr James also received a Humanitarian Overseas Medal in 2006 for her work in the tsunami. She was also involved in the identification of bodies in Bali, working out of Adelaide and liaising with Australian relatives to provide dental information to the teams at the bomb site.

Dr Giac Cirillo, Dr Tony Lake and Dr Kain Rowlings, all former University of Adelaide staff members associated with the Forensic Odontology Unit, also received the AFP Operations Medal.

■ Story by Candy Gibson

Geothermal energy support heats up

The University of Adelaide has welcomed an announcement by the State Government offering further support to fast-track research and development of geothermal technology.

The State Government has announced a further \$250,000 towards geothermal energy research. This follows \$250,000 provided last year to help develop an international research facility into geothermal (also known as "hot rock") energy within the University, working with Geoscience Australia, the CSIRO, and university research members of the Australian Geothermal Energy Group.

The University has signed an agreement with the State Government to help accelerate R&D of geothermal resources in South Australia.

Professor Richard Russell, Pro Vice-Chancellor (Research Operations), said the announcement was "another welcome step forward in ensuring that our expertise in geothermal research is recognised throughout Australia and internationally, with great potential benefits for industry and the community".

"The University of Adelaide's researchers have worked extensively with the geothermal industry and are keen to ensure that this State remains at the forefront of research and development in this area. The State Government's support is vital to making that happen," Professor Russell said.

Geothermal technology offers renewable and CO₂ emissions-free electricity generation.

"Our work will become vital in helping the State to meet its strategic targets, both in terms of energy provision and by assisting the State to reduce its greenhouse gas emissions," Professor Russell said.

Geothermal research will form a significant part of the University of Adelaide's recently announced Institute for Mineral and Energy Resources. The Institute aims to become the premier research and educational facility for the mining and energy sectors in the Asia-Pacific region.

Geothermal research projects are currently being undertaken in the Australian School of Petroleum, the School of Earth and Environmental Sciences and in the Schools of Mechanical and Chemical Engineering at the University of Adelaide.

■ Story by David Ellis



Safer prisons needed for Aboriginal offenders

Indigenous Studies



Inset:
Elizabeth Grant

Photo by Candy Gibson

Main photo by David Ritter

A University of Adelaide lecturer and PhD student has been awarded a \$25,000 Churchill Fellowship to investigate safer and more culturally appropriate prisons for Aboriginal offenders.

Elizabeth Grant will travel to New Zealand, Canada and Denmark later this year to look at a range of innovative measures for indigenous people in prison.

Ms Grant is a lecturer in Aboriginal Architecture at Wilto Yerlo within the Centre for Australian Indigenous Research & Studies. Her recently completed PhD research is the world's first empirical study examining the needs and preferences of Aboriginal offenders in a bid to reduce suicide and self harm in prisons. Her doctorate will be conferred this month at the University's August graduation ceremonies.

Ms Grant will spend time in New Zealand, studying specific facilities for Maori offenders, who make up 40% of the country's prison population. She will also visit Canadian Healing Centres which offer services and designs that reflect the culture of their indigenous people. The last leg of her trip will involve a study of the Scandinavian model of prison management, where security and human relations are closely intertwined.

Her interest in the area of Aboriginal incarceration was sparked by an experience in 2001 when Ms Grant accompanied an Aboriginal mother to the coroner's court as she sat through an inquest into her son's suicide in prison.

"The young man was not very likeable and the crimes leading to his incarceration were horrifying. He had been dealt a poor deck, led a hard, short life, finally dying a lonely death," she said.

Ms Grant said this experience exposed some critical shortfalls surrounding the accommodation of Aboriginals in custody.

"Why was he locked up alone when this is against Aboriginal cultural practices? How could someone in such pain and distress be placed in such an isolating and alienating environment? Had the prison environment hastened his death?"

Her PhD has focused on piecing together design guidelines for appropriate prison environments for Aboriginal offenders in Australia.

"These issues are not limited to Australia. Many other countries face the same problem of having a minority indigenous population constituting a large component of their prison population. There is much to be learned from their lessons," she said.

■ Story by Candy Gibson



An imaginary place called Adelaide

Is Adelaide's architecture locked in a time warp, or is there room for change? Professor Ian McDougall from the School of Architecture, Landscape Architecture & Urban Design describes a possible future for Adelaide's design culture.

■ Commentary

Premier Mike Rann said recently in relation to climate change that South Australia must "again... be the laboratory for new ideas, to be reforming, to be the test-bed for the future...". I believe these words have a broader application.

We are not only in a time of change in the political, economic and environmental context, but also in the world of design and planning. And I wonder, is Adelaide prepared to become a part of that changing world, to be the laboratory for new ideas? And if it is, then what would this Adelaide be like? I wonder what it is like to be an architect there.

I have a dream about this place. It's a dream that I hope is deeply rooted in the idea that the architectural culture of Australian cities is made from the continuing narratives of our lives. It is a belief that architecture at its best enriches our existence – it is part of a civilising force, it elevates our minds. This new place will be founded on this belief.

I have a dream that this imaginary place is a place where the innovator is lauded, where new ideas are

sponsored and encouraged, where the experimental is the normal operation of the architectural office, at the urging of the community. In this beautiful future, the small-minded approach to heritage is gone, and the finest of now is celebrated. The city is recognised as a dynamic respectful evolution, not as something frozen in one time.

I dream of this place where the universities are hothouses of ideas, where the academy is the trusted adviser that the government and industry turns to for ideas about new building practices, on sustainable development, on all things to do with the built environment.

Our future schools of architecture are places of exploration and technological advance, where the new thinkers learn to think, where the new designers challenge those that went before them.

I dream of a place where young architects and researchers don't tear off overseas as soon as they graduate, but stay because there is work for them to do, where they can write our history, where they can begin to build the foundations of an architecture about our city. I have a dream that this future is a place where the young are active and acknowledged makers of the culture.

This imagined place will have a government that leads in the provision of outstanding and

recognised architecture. Each new project is driven by the desire for a significant architectural story about the community, its values and its ambitions. New public projects will be properly funded. Governments will have the benefit of sound expert advice at the highest level: a government architect.

I dream of a place where the big fish don't eat all the work so that there is nothing left for even the middle-sized fish. In our future there is a culture of support that lasts longer than a few years of practice.

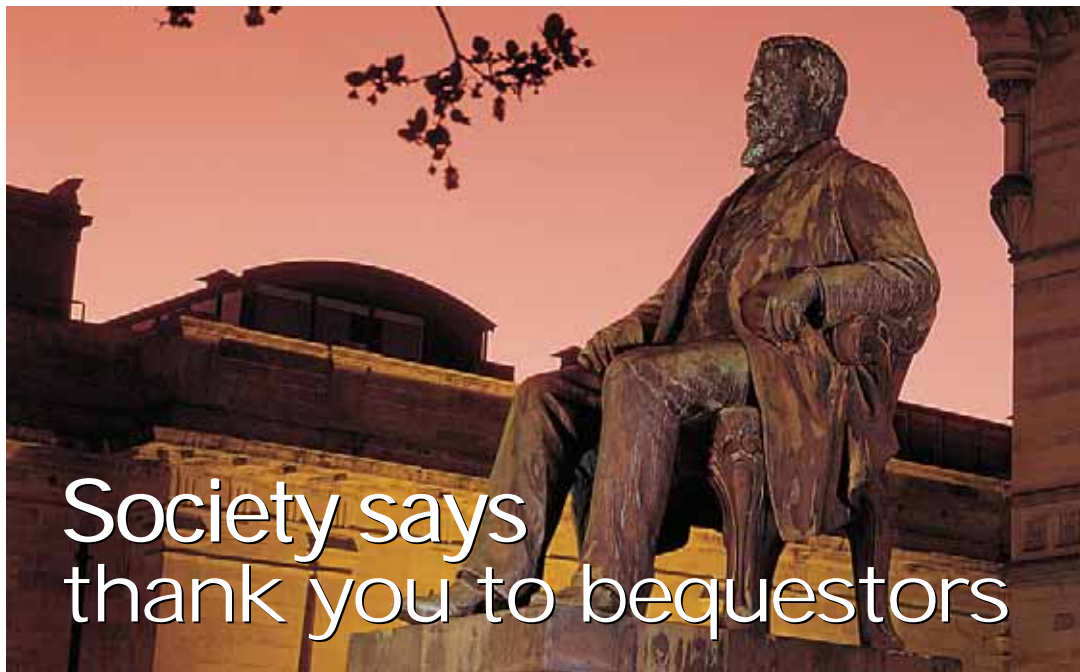
This dream of hope is for a place noisy with the discussion of design and courageous argument, positions taken, a loud community of opinion. It is a dream of a culture that is everywhere in the city, of a public that engages with their environment through its design community – a city hungry for new and exciting architecture.

Is this a mad dream? Do we really want Adelaide to be like this imaginary city, a high-profile centre for design excellence, or not?

After all, Adelaide is a nice place to work and to live.

It is not an easy thing to go to the ideal level. It requires changes within the profession, within universities, within government, the media and the community.

I have this dream that in fact we all DO want it, and we can't help but undertake to achieve it.



Society says thank you to bequestors

■ Giving

Above:
The statue of Sir Walter
Watson Hughes in front
of the Mitchell Building,
North Terrace Campus

“Knowing about these gifts gives us the opportunity to say thank you now”

People who have remembered the University of Adelaide in their will are to be formally recognised for their support for the first time, with the establishment of a new society.

Planned Giving Officer at the University of Adelaide Sue Fox said the Hughes Bequest Society had been created to recognise and thank bequest donors during their own lifetime.

“The Hughes Bequest Society will not only say thank you for bequestors’ support, but also highlight the very important difference that their generosity makes to the University,” said Ms Fox.

Vice-Chancellor and President of the University of Adelaide Professor James McWha will officially launch the society at an event in October. Ms Fox encouraged people who have already included the University in their will to make contact.

“While donors have planned their gift now, the University will not receive or sometimes even be aware of their generosity until some time in the future. Knowing about these gifts gives us the opportunity to say thank you now,” she said.

The Society is named after Sir Walter Watson Hughes, who helped establish the University of Adelaide with an endowment of £20,000 in 1872.

Managed by the Development and Alumni office, the Society will recognise bequestors through special events and benefits.

For more information on the Hughes Bequest Society, contact Sue Fox on (08) 8303 3234 or email susan.fox@adelaide.edu.au

■ Story by Lana Guineay

■ Development & Alumni Events

The Friends of the University of Adelaide Library

Event: “Vocal Minority meets the Silent Majority: shifts in popular opinion and politics during the Vietnam War” by the Hon. Dr Lynn Arnold

Time & Date: 6.00pm for 6.30pm
Thursday 7 August

Venue: Ira Raymond Room, Barr Smith Library, North Terrace Campus, University of Adelaide

Cost: Admission is free; gold coin donation is invited

RSVP: by Tuesday 5 August to robina.weir@adelaide.edu.au or phone (08) 8303 4064

Roseworthy Agricultural College

Event: 125 Celebrations

A full program of events to celebrate the 125th Anniversary of Roseworthy Agricultural College (now Roseworthy Campus) has been planned for 2008.

The primary day for Roseworthy Old Collegians Association (ROCA) members will be in Adelaide, when three significant events will be conducted for ROCA members, friends and family.

Time & Date: Saturday 18 October

11.00am – 12noon:

Non Denominational Cathedral Church Service, St Peter’s Cathedral, King William Street, Adelaide

3.00pm – 5.00pm:

Commemoration Ceremony for Roseworthy Graduates, Bonython Hall, University of Adelaide, North Terrace, Adelaide

7.30pm – 11.00pm:

Gala ROCA Reunion Dinner, The Pavilion, Adelaide Oval

Free parking will be provided by the University

MBAAA

Event: Networking breakfast

Time & Date: Any time after 7.30am, first Wednesday of every month

Venue: East Terrace Continental Café (between North Terrace & Rundle Street), in Adelaide

The MBAAA Executive Committee welcomes contact from MBA Alumni and current MBA students in other Australian states or other countries. Let us know your interest in coordinating or participating in networking gatherings with MBA Alumni colleagues living in the same city. Contact the Executive Committee on mbaaa_committee@adelaide.edu.au and we will coordinate contact between alumni in the same city.



After 35 years, Lanes has a new name – Lane Print & Post – to better reflect exactly what it is we do.

Lane Print & Post is the largest privately owned dedicated **Printing, Mailing and Distribution** Company in South Australia. We also have offices in Sydney and Jakarta as we like to spread ourselves around.

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Major gift supports young scientists

■ Giving



A significant bequest from an Adelaide family will fund prestigious new University of Adelaide research fellowships for outstanding young scientists.

Adelaide resident Hamish Ramsay has fulfilled his late stepmother's wish to help advance scientific research by pledging funds for four-year Ramsay Fellowships in the natural sciences.

The Fellowships, which will be offered annually from 2009, will be open to Australian citizens with a PhD or equivalent qualification in the natural sciences, with preference given to applicants aged 35 years or under.

Mr Ramsay said his stepmother, Mimi Ramsay, was keen to set aside

some of the family inheritance for scientific research.

"Science played a large part in creating the family assets," Mr Ramsay said. "My late father Tom Ramsay was a graduate in Science from Melbourne University and his knowledge of chemistry played a part in his development of the Kiwi Polish Company (later Kiwi International)."

Kiwi International is best known for manufacturing Kiwi shoe polish, now sold in almost 180 countries around the world. The company was acquired by the American-based Sara Lee Corporation in 1984.

Mr Ramsay said his family was keen to encourage young Australian scientists working overseas to

return home without disadvantaging their careers.

"I hope this Fellowship allows them to do that," he said.

The Ramsay Fellowship will eventually support four independent research fellows at the same level as the prestigious ARC Research Fellowships.

The Director of Development and Alumni, Robyn Brown, said the Ramsay family's bequest was one of the most generous ever gifted to the University in its 134-year history.

Applications for the Ramsay Fellowship will be advertised on an international scale from this month.

Above:
Front row (from left): Vice-Chancellor and President Professor James McWha with Hamish Ramsay; back row (from left): Professor Stephen Lincoln, Hamish's partner Lyn Pederson, and Professor Bob Hill

■ Story by Candy Gibson



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These works of art could be yours for only \$250 – and it's all to raise money for medical research at the University of Adelaide. The artists of these works, and hundreds of others up for grabs, will be revealed after purchase.

Calling for art with heart and soul

Research

OPENDAY08
For more information about Medical Research visit Open Day (Sunday 17 August).
www.adelaide.edu.au/openday

The fifth 'Florey ArtFest, *For the Love of Art* is on its way and the Florey Medical Research Foundation is appealing to emerging and established artists to donate their work to help raise funds for medical research at the University of Adelaide.

Judith Turner from the Foundation said the event, to be held in October, had become a high point on the calendar for art collectors, with a wide range of established artists, emerging talent and celebrities supporting the event by donating a work of art on a provided canvas.

"This is art collecting with a twist – each artist only signs their work on the back and buyers won't know who the artist is until the work is purchased," Ms Turner said.

"This means that people who buy art at the event have every chance of snatching a high-profile artist for their collection at a bargain price – or nabbing an emerging artist whose work attracts their attention, and only then having the mystery of the artist solved."

All works are sold for \$250, with the funds raised going to support

the vital work of Professor Robert Vink, Head of the School of Medical Sciences at the University of Adelaide, and his research teams.

This research includes treatment of acute trauma to the brain and spinal cord from injury or disease, diagnosis and treatment of neurodegenerative diseases such as Alzheimer's disease, Parkinson's disease and dementia, and brain pharmacology.

"The funds raised go directly to the Florey Medical Research Foundation, which works in partnership with the University of Adelaide's Faculty of Health Sciences to support research and research training in the Medical School," Ms Turner said.

"The ArtFest brings together great talents and an appreciation for those talents – all for a good cause.

"It's an excellent forum for new artists to have their work viewed by more than 800 serious art collectors at the show. As well as gaining great exposure at the event, the artist will know they've also made a real difference to the future of medical research."

Ms Turner said enquiries from artists who would like to participate and donate a work are welcome.

"We provide the canvas and the artist is free to do whatever they wish," she said.

As well as established artists, prominent public figures are among those producing works for the exhibition. This year, works will be submitted by figures such as actor George Kapanaros, best known for his work in the television drama *Underbelly* and the RAA insurance commercials, and Ryan ("Fitzy") Fitzgerald of *Big Brother* fame and co-host of the Nova breakfast show in Adelaide.

Artists wanting to find out more can contact Ms Turner on (08) 8303 5211 or email: judith.turner@adelaide.edu.au

Florey's *For the Love of Art* Exhibition will be shown from Wednesday 8 October to Friday 10 October in Bonython Hall, University of Adelaide, North Terrace Campus. The exhibition will be opened with a gala cocktail party at 6.30pm on Wednesday 8 October.

Modern take on public passion

■ Theatre

Today's world seems obsessed with following the private lives of very public figures. But is that really such a modern phenomenon?

Not according to Shakespeare, whose play *Antony and Cleopatra* is described as "one of the great tragic stories of the clash between private passion and public lives".

Shakespeare's take on these historic lovers is being performed by the University of Adelaide Theatre Guild this month, with two University of Adelaide graduates in the title roles: Simon Davey as Antony and Emily Branford as Cleopatra.

Last performed by the Theatre Guild for its 50th anniversary in 1998, the Shakespearean classic is back again for the Guild's 70th year.

The story sees Mark Antony drawn away from his life as a respected Roman leader because of his love for Cleopatra, the ruler of Egypt. Their public passion, which includes several bitter twists and turns, has a tragic conclusion.

Director Brant Eustice returns to Shakespeare after having won an Adelaide Critics Circle Coopers Award for his direction of the Theatre Guild's 2006 production of *Julius Caesar*.

His modern setting for *Antony and Cleopatra* means audiences won't necessarily need to know anything about the historic backdrop to relate to the story and characters, Simon Davey said.

"Our version isn't set in the classical period, so the audience shouldn't be expecting to see togas – there's not a toga in sight," Davey said. "But we are clothed," he added.

Davey, who works as a solicitor in the Crown Solicitor's office, is a three-time graduate of the University of Adelaide, with degrees in Science (1994), Arts (2002) and Law with Honours (2004). He has



been performing with the Theatre Guild since 2000.

"A role like Antony is very much a challenge. Being able to capture the sense of crisis and disintegration of the character is much harder than playing the extremes. He's really suffering from the ultimate mid-life crisis, and he doesn't have the emotional infrastructure to deal with it," Davey said.

Emily Branford has deliberately chosen not to research too heavily the role of Cleopatra, who she described as "a feisty chick in a man's world".

"I didn't want to be affected by other people's interpretations of who she was or what she should be like. It suits me to take the play as Shakespeare's version of the events and treat it as a piece of theatre, not a documentary," she said.

Branford has been acting ever since she joined the Adelaide Uni Footlights theatre company in 1989 while studying for her Arts degree. Since then, she has continued to mix acting, writing and producing roles, and has developed an excellent reputation for comedy and children's theatre.

"As much as I love children's theatre, it's good to be doing theatre for grown-ups again," she joked. "I've done a few Shakespeare roles, but this is the

biggest role I've ever played."

Davey and Branford have previously worked together in the Guild's production of *The Real Inspector Hound*. "We had a great rapport on stage, we were very comfortable with each other, so that will definitely help in this production," Branford said.

Antony and Cleopatra opens Saturday 9 August, and continues from Tuesday to Saturday 12-16 and 19-23 August at 7.30pm in the Little Theatre, North Terrace Campus.

Tickets (\$25 full price/\$20 concession) can be booked through the Theatre Guild on (08) 8303 5999 or online: www.adelaide.edu.au/theatreguild

Tickets can also be booked through BASS on 131 246 (fee applies), and are also available for purchase at the Little Theatre on the night of the performance (cash sales only).

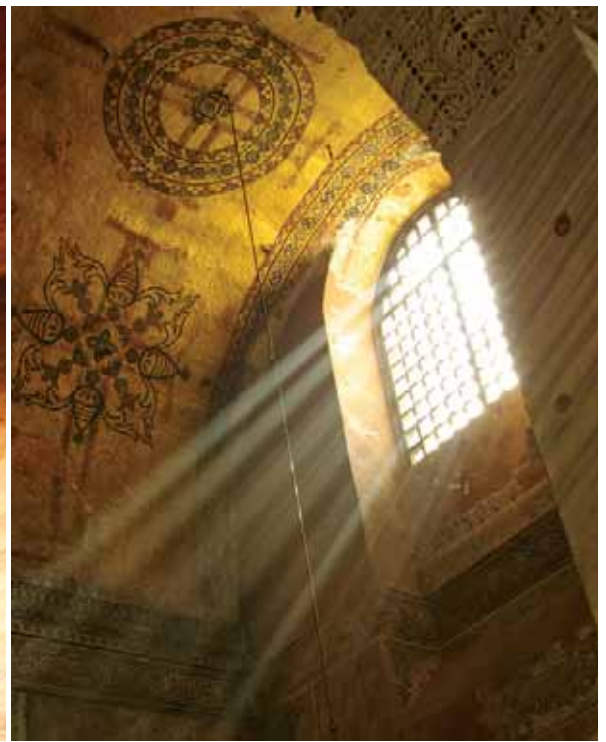
Staff and students of the University of Adelaide can purchase tickets for \$15 on Tuesday 12 and Tuesday 19 of August.

■ Story by David Ellis



Above: Simon Davey and Emily Branford play historic lovers Antony and Cleopatra in a modern-day setting

Photo by Cassandra Backler



August nights are a hot ticket



OPENDAY08

To hear live music performances and find out more about studies in Music, visit Open Day (Sunday 17 August).

www.adelaide.edu.au/openday



Two very different concerts – one featuring Latin jazz at Elder Hall, the other bringing together the talents of three choirs at St Peter's Cathedral – give lovers of good music something to choose from this month.

Both events are part of the ELDERHALL evenings concert series, which showcases the musicians and ensembles of the University of Adelaide's Elder Conservatorium of Music at their best alongside guest artists from Australia and abroad.

ELDERHALL evenings

Tickets: \$25 adult;
\$20 concession; \$14 student

For bookings and more information contact the Concert Office on (08) 8303 5925
www.music.adelaide.edu.au/events/

Sketches of Spain

6.30pm Saturday 9 August, Elder Hall,
North Terrace Campus, University of Adelaide.

This features the first full performance in Australia of the classic collaboration by Miles Davis and Gil Evans, *Sketches of Spain*, being performed by American trumpeter Ray Vega and the Elder Conservatorium Jazz Orchestra directed by Robert Hower. Ray Vega will also play Latin jazz with the Elder Conservatorium Big Band One directed by Dustan ("Dusty") Cox.

"Ray Vega is an amazing trumpet player and musician, and has been in great demand in New York and around the world for many years," Dusty Cox said.

"He crosses all musical borders, performing in jazz, Latin, and classical styles, and is an experienced educator.

"Ray has recently relocated from New York to Vermont, where he has accepted a position as Head of Jazz Studies at the University of Vermont."

Mr Cox said the concert will include "the entire 1960 collaboration and recording of *Sketches of Spain* by Gil Evans and Miles Davis".

"We have acquired Gil Evans's original scores and are very excited to present some of the greatest music in jazz as a showcase for Ray's playing."

Three Choirs

6.30pm Saturday 30 August, St Peter's Cathedral,
King William Road, North Adelaide.

Featuring the Elder Conservatorium Chorale conducted by Carl Crossin, Adelaide Voices conducted by Christie Anderson and Bella Voce conducted by Emma Horwood, this joint production between the Elder Conservatorium and St Peter's Cathedral sees all three choirs performing a program of sacred works.

One of Adelaide's favourite sons, Anthony Hunt, is also returning from the Royal Academy of Music in London to accompany on the magnificent Cathedral organ.

"The music on program for the Three Choirs is pretty varied, ranging from the power of 20th Century English Cathedral music in Britten's *Rejoice in the Lamb* and *Missa Brevis*, to the ethereal in Holst's *Nunc Dimittis* and Pärt's *Magnificat*. Plus there's Australian, African, Celtic and American music in there for good measure," said the Manager of Concerts at St Peter's Cathedral, Edward Joyner.

"This concert features all three choirs – about 100 singers in total – combining to provide an outstanding musical experience," he said.

The concert is one of three joint performances between the Cathedral and the Elder Conservatorium this year.