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UniSA News

April 2008

A newspaper of the University of South Australia



New Chancellor a leader in mining, business, conservation and community

Vice Chancellor of the University of South Australia Professor Peter Høj has welcomed the University of South Australia Council decision to appoint resources industry professional, Dr Ian Gould, to the position of Chancellor.

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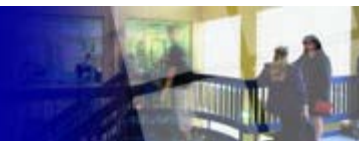


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New Chancellor a leader in mining, business, conservation and community

by Michèle Nardelli

Vice Chancellor of the University of South Australia Professor Peter Høj has welcomed the University of South Australia Council decision to appoint resources industry professional, Dr Ian Gould, to the position of Chancellor.

Dr Gould, a trained geologist, will take on the role in July this year as successor to the current Chancellor David Klingberg AM.

Professor Høj says he is delighted with the appointment of Dr Gould as a man of vast experience in governance and leadership and someone with a comprehensive understanding of the nexus between education, innovation, the community and business.

"We have been fortunate at UniSA in having a history of brilliant Chancellors, first with our foundation Chancellor Dr John McDonald AM, pivotal in the first year of the University's establishment.

"Then with Dr Basil Hetzel AC, an eminent researcher who led breakthrough research into the effects of iodine deficiency and a man who has dedicated his life to health both locally and, through research and education, globally," Professor Høj says.

"Dr Hetzel was followed by David Klingberg, an engineer and business leader of vast experience and a man who has shown unstoppable passion and commitment for educational, economic, and environmental development in South Australia and who has provided more than 10 years of dedicated service to UniSA.

"In this new appointment we will have a Chancellor with broad and comprehensive experience across the mining and technology sectors and someone with a thorough understanding of what is required of graduates in the working world and the role of research in fostering development.

"That combination is more than appropriate in a State gearing up for a mining, defence and environmental science boom and for the South Australian university that is graduating so many students who will go on to work in these industries."

Dr Gould has had a long and distinguished career in the Australian mining industry holding top executive positions in companies such as Rio Tinto, Normandy Mining and Comalco.

He was President of the Australasian Institute of Mining and Metallurgy from 2004 to 2005 and has served as Chairman of the South Australian Minerals and Petroleum Expert Group since 2006 and Chairman of the Australian Institute of Marine Science since 2005.

He has in-depth experience in corporate governance having served as a member or Chairman on a range of industry and organisational boards including the CSIRO Minerals Sector Advisory Committee, the South Australian Resources Industry Development Board, the National Parks and Wildlife Committee, the Royal Flying Doctor Service and St Andrew's Hospital among others. He is also a Fellow of the Academy of Technological Sciences and Engineering.

"I am delighted and honoured to be joining UniSA and a little humbled to follow in the footsteps of the previous Chancellors such as the remarkable Dr Basil Hetzel and the extremely dynamic David Klingberg," Chancellor-elect Dr Gould said.



"I believe UniSA is deeply committed to educating its students so that they can approach their working lives with a sense of professionalism, innovation and a real ability to apply their learning.

"The problems and opportunities of the future lie in education, health, resources, defence, communication, and the development of sustainable societies and environments and UniSA is developing graduates not only with the right skills for those challenges, but the right attitude to apply their knowledge in the working world both ethically and professionally.

"In addition UniSA's capacity for research in these key areas has grown enormously and institutes such as the Ian Wark Research Institute are a marvellous success story for SA.

"UniSA has developed a research community that is clearly dedicated to adding value to industry and to the health and welfare of the state.

"I am joining a very impressive institution, one in which we in South Australia can all be very proud."

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From the Chancellery

**by Professor Michael Rowan,
Retiring Pro Vice Chancellor, Division of Education, Arts and Social Sciences**

I joined the Murray Park College of Advanced Education in 1978, teaching Philosophy of Education, which I knew very little about, and Philosophy, which I knew very little about how to teach.

I muddled along with the help of my Head of Department, the late Brian Condon. I would be up late each night writing lectures in longhand, and then deliver them the next morning, sometimes to large lecture theatres, often to small groups gathered in my office, always while smoking my pipe.

Murray Park was mainly about teacher education, but it also offered a Diploma in Journalism. Soon after I began, Dr Gunther Kress was appointed to head the development of a Bachelor of Arts in Communication Studies, and I worked on this proposal and moved into teaching argument in natural language in the Communication Studies degree.

The next few years saw much institutional change as Murray Park CAE became Hartley CAE, then part of the South Australian College of Advanced Education, and finally a campus of UniSA.

When the University was founded I thought that as an active researcher I had some responsibility to assist in the development of a research culture appropriate to a university. Until then I had conducted my research by working with colleagues in the philosophy departments at Adelaide and Flinders universities. I put to them that we now had three universities in SA teaching philosophy, and all should be active in research. They readily agreed to join a research seminar I planned to establish at Magill – the Magill Philosophy Forum. Things looked promising, but when I went to book the room for the first seminar I was politely told that I could book rooms for teaching or for meetings, but not for research!

Much has changed. My academic colleagues now rightly expect that research seminars, support when applying for research grants, supervising higher degree students, support for publication, the development of research centres and all the elements of a culture which values research as the basis of academic practice will be part and parcel of working in the University. But each of these elements had to be argued for and built up in a time of very scarce resources. I saw it as a long-term program of gradually making teaching less greedy in absorbing all of the academics' time and all of the space, professional staff and other support and I think this still needs to continue.

While there is no doubt that staff work much harder now than in earlier years, there is also no doubt that the work is richer and more rewarding. My personal aim has been to make the part of the University for which I was responsible more and more the kind of place a good academic would want to work. From the quality of staff we have recently employed – and the flourishing careers of staff who like me have been members of the University for many years – I think that has been achieved.

I took that approach from something I happened to read soon after taking over as a Head of School. Manning Clark, the famous ANU professor of history, had advised his successor to, "Talk to people, find out what they are interested in, and then try to find ways to help them get on with it". I pass that advice on to anyone brave enough to have a go at university management – but I need to add the warning that the conversation sometimes reveals that people are not interested in much, whereupon the "helping them get on with it" becomes a more difficult process. But it is a process we cannot shirk if we are to continue to make the University a better place for good academics to work.



Certainly it has been a good place for me. I am very grateful for the opportunity to have worked with extraordinary people, and for the wonderful support I have had from the staff of my Division in particular.

I am happy to be moving on to another part of my life, but also regretful that I am not now beginning my career in the University as a young academic. It would be a great time and place to be starting out. Good luck.

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Classifieds

Accommodation

Golden Grove three bedroom fully-furnished house for rent. \$300p/w for a visiting academic between April and October 27. Owner on sabbatical. For details phone 8302 3932.

Room(s) to rent Two in four bedroom home. Share with two working males (45 & 55). Suit working person or student. Own room, share kitchen/bathroom. \$90 p/w p/room (gas, power, phone) Would consider price for both rooms to one tenant. Must be good-hearted, clean, honest and reliable. Phone Mic 0434 580 285 or 8272 5254 or email braml003@students.unisa.edu.au

Thebarton Fully furnished, three bedroom home. Suit family. Close to CBD and Universities. Convenient to public transport and local shops. Available from July 14 for a six month lease at \$1800 per month. Phone 8234 7046 or email: Bree & Mark Tassell breetass@adam.com.au

For sale

Black three-wheeler Beema Q pram with bassinette. 12 mths old. Excellent condition. Instructions incl. Paid \$550. Sell for \$250. Phone Michelle 0416 069 356

Boat & trailer reg to 8/08. 4.57m, fiberglass, four seats, canopy. 30hp motor. Front steering. Echo sounder, two petrol tanks, bait board, two way radio \$4000 ono. Phone 8277 9776 or email connie.fialammadike@unisa.edu.au

Two UniSA polos, one white the other navy, also one school of nursing & midwifery blouse size 10. All \$10 each. Email MCMKL001@students.unisa.edu.au

Clyde clawfoot bath Clean basin. slight surface rust on outside. \$100 ono. **Jim Bradley. 'Spring Arm' Boxing-Martial Art Training Dummy.** Two arms. Floor standing. \$300 ono. Contact: David.Vukovich@postgrads.unisa.edu.au

Digital camera Hewlett Packard Photosmart 945 digital camera, 5 megapixel with case. Still in original box and hardly used. \$100 ono. Email kylie.fairbank@unisa.edu.au or call 0413 905 689.

Mazda Astina 323 hardtop. Exc condition, air con, black interior, tinted windows, CD player, alloy wheels, manual. Great 2nd or student car \$7500 ono. Call Melissa on 0414 893 056 or 8302 3753

1991 Nissan Pintara Station Wagon white, 5 speed manual, 2.0 litre engine, 213,000 kms, tow bar, well maintained \$2,500 ono Phone 0434 945 255

Wanted

Laptop and an iPod. Please call Jen 0439 844 641

Email your classifieds to unisa.news@unisa.edu.au

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Colgan's cryptic crossword

Across

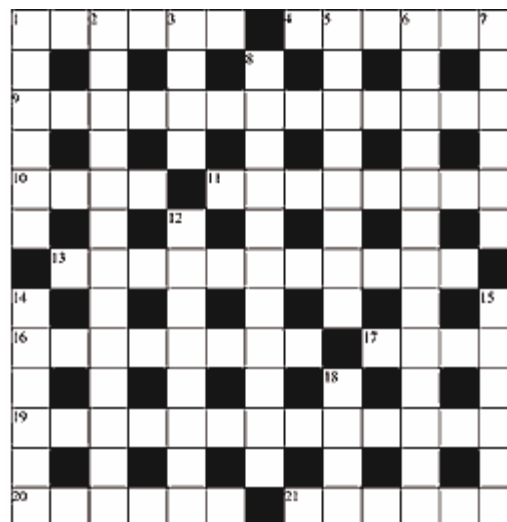
1. Reportedly gone clear of the bottom (6)
4. Informative paper produced light piece of music (6)
9. How addicts fulfilled drug habit in the beginning, with insatiable hunger (13)
10. Not a nice person found at rear of club (4)
11. Female's followed success to get so far (8)
13. Hard-to-understand writer is sea-bound (11)
16. For instance, a pro preparing ice drink with dairy blend (8)
17. Whiten, removing Nitrogen and Carbon? Nonsense! (4)
19. Very competitive, tough prisoner's questioned (4-9)
20. Is involved in deliberate waste (6)
21. Various means to exsiccate (6)

Down

1. Go down blazing! (6)
2. Potentially dangerous activities place limits on drinks (7,6)
3. An animal attack (4)
5. Ninety degrees, say, is opposite ... (core of mathematics!) (8)
6. Carried on and became abusive following spray, but is wrongly interpreted (13)
7. Loft scrap found in elevated viewing area (6)
8. Incomprehensible person cut by director (11)
12. Vessels follow through bridges (8)
14. English town associated with Milton Berle, for example (6)
15. Base wanting covered way out (6)
18. Attractive women cut off relationships for this guy (4)

Book voucher to win

For your chance to win a \$40 book voucher, fax your complete crossword to (08) 8302 5785 by Friday May 2.



Solutions published online on Friday May 9.

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New leaf

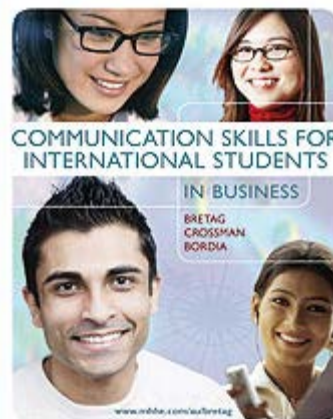
Communication Skills for International Students in Business

Bretag, T, Crossman, J and Bordia, S
McGraw Hill, www.mhhe.com/au/bretag

This textbook incorporates four important elements in one place — business communication, academic skills, the politics of English as an International language and English as a Second Language (ESL) grammar — all specifically for the tertiary-level ESL student.

Communication Skills for International Students in Business aims to provide a foundation to communication styles, language and terminology, which international business students (from non-English speaking backgrounds) will encounter in their business degree.

This text is the only one the market currently that enables the ESL learner to become familiar with the specific vocabulary and discourses of the business discipline. Also, standard ESL textbooks tend to be linguistically insensitive to the needs of their culturally diverse students.



English speaking students will also find this text of benefit, as it contains useful general information and tips on academic and professional communication and writing.

Communication Skills for International Students in Business is divided into three parts - Academic Communication, Professional Communication, and Key Topics in Business.

The objective of this text is to develop students' communication skills, rather than the acquisition of discipline knowledge. Each chapter includes key learning features, including learning objectives, group and individual activities, a summary of each topic and answers to activities and references.

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In brief

Kirby and Hetzel new Hawke Centre Patrons

Former Chancellor of UniSA Dr Basil Hetzel AC has accepted an invitation to become a national Patron for the Hawke Centre. It will actually be a change of pace for Dr Hetzel who played a key role in the foundation of the Centre and has been its Chair for 10 years.

He will be joined by a second new Patron, the Hon Justice Michael Kirby AC CMG and Honorary Doctor of the University of South Australia since 2001. A champion of human rights worldwide, Justice Kirby delivered the 10th Annual Hawke Lecture last year to a standing ovation.

UniSA collaborations expanded in India

UniSA strengthened two important relationships in India in March that will foster research collaboration in health sciences, education, sociology, communication and cultural studies and help stem India's pilot shortage.

As part of a SA State Government delegation, UniSA Pro Vice Chancellor Dr Anna Ciccarelli signed an MOU with India's prestigious Shreemati Nathibai Damodar Thackersey Women's University (SNDT) in Mumbai to enhance research and teaching relationships between the two universities and build on existing collaborations with the Hawke Institute.

And a new agreement was also signed with the PSG Institute of Advanced Studies in Coimbatore, India to open up specialist aviation training in Adelaide for graduates from Bachelor of Applied Sciences programs at PSG. UniSA has developed an arrangement with PSG to offer successful graduates the option of coming to UniSA to undergo flight training and obtain their Commercial Pilot License (CPL) in Australia.

Parfitt to lead national radio science committee

Pro Vice Chancellor of the Division of Information Technology, Engineering and the Environment Professor Andrew Parfitt has been appointed Chair of the Australian Academy of Science National Committee for Radio Science.

The committee has an important role in advising the Academy on issues relating to radio science, maintaining links with relevant national and international bodies and societies, particularly the International Radio Science Union (URSI), and ensuring Australian radio science experts have the opportunity to contribute to the international radio science research agenda. Prof Parfitt said the committee would encourage and promote the study and application of radio science and the adoption and standardisation of common methods of radio wave measurements, and stimulate studies of the scientific applications of telecommunications using radio waves and represent radio science to the general public and to public and private organisations.

UniSA staff among top TDU riders

It wasn't only UniSA's Vice Chancellor who had the chance to show off his cycling prowess as part of the Mutual Community Challenge Tour, the 134km ride along the Stage 4 Tour Down Under route from Mannum to Strathalbyn in January.

Quietly spoken Brian Pike, Manager of Business Analysis and Information Systems, was the first



UniSA rider across the finish line with a stellar time of three hours, 33 minutes – just 15 minutes shy of the times later recorded by the pros.

This was Pike's fourth consecutive ride in the Tour Down Under series. He said it was vital to prepare before such long rides.

"I normally ride an average of 400km a week and take it up to around 500km a week in preparation for a big event.

"The hardest part is giving up beer for the week before the ride," he laughed.

Pike also rides the 7km from his home in Magill to work in the city each day.

"My wife thinks I'm a nut, but I think it's a great pastime to still be running around playing chasey in the hills with my mates."

Pike credits fellow UniSA rider and Business Manager at the Institute for Telecommunications Research, Jeff Kasparian, with getting him involved in the Tour Down Under rides.

"Jeff does a fantastic job of promoting the sport to staff, which was evident by the number of riders who participated from the Uni this year.

"The Uni is really supportive and very bike friendly with secure bike storage racks and showers for staff.

"The involvement of the Vice Chancellor this year also sets a great example and promotes the concept of a fit and healthy workforce."

Although Pike would not admit to any competition between himself and Kasparian, who also recorded an impressive time of three hours and 40 minutes, he cheekily advised that Kasparian might have to work just a little bit harder next year.

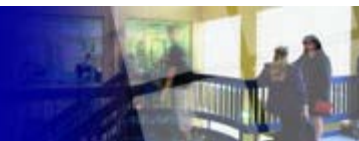
To find out how you can get involved in Uni cycling events email jeff.kasparian@unisa.edu.au

Vale Emeritus Professor Bob Northcote

Emeritus Professor Bob Northcote passed away on Monday March 17. Over his long career Prof Northcote made a significant contribution first to the South Australian Institute of Technology and then to the formation, development and success of the University South Australia. Among his varied roles at this institution and its antecedent, he was Dean of the Faculty of Information Technology - one of the faculties that provided the basis for our present multi-disciplinary Division.

He was conferred as an Emeritus Professor in 1997 and continued to be a firm friend of the University until his death.

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New research scholarship honours Jane Harper

A named annual research scholarship has been established to honour the late Associate Professor Jane Harper.

The Jane Harper Honours Research Scholarship will be awarded to the author of the highest ranking Bachelor of Education (Honours) thesis.

Jane Harper died in December after a prolonged illness. Her career at UniSA and its antecedent institutions spanned 40 years - 28 of them as Head of School.

At her 40th anniversary celebrations last year her colleagues highlighted her integrity as a leader and an outstanding administrator.

Speaking at the event, Head of the School of Education Professor Marie Brennan acknowledged Jane Harper's prodigious knowledge of policies, processes, people and finances.

"Jane was able to work creatively within the boundaries of policy and practice but always managed to find the spaces within such boundaries to make things work," she said.

"She was admired, respected and loved by her colleagues. She built a strong sense of collegiality among staff and fostered a real sense of belonging to a team."

Among Jane Harper's many achievements were the initiation of the design and implementation of external studies in the then College of Advanced Education sector in SA; the establishment of a student exchange program with Swedish universities; instigating the teaching of educational computing – the legacy of which has been the graduation of a large number of PhD students; and championing the employment of women in the tertiary sector.

The amount of the scholarship is still to be finalised but the first Jane Harper Scholarship will be awarded at the end of 2008 and presented to the first recipient at the annual UniSA Scholarships and Grants evening the following May. A library copy of the winning thesis will have a book plate pasted in the front to acknowledge the award.

Anyone wanting to contribute to the Jane Harper Honours Research Scholarship fund can contact Helen Black, Senior Development Officer (Fundraising and Special Projects), on +61 8 8302 0974 or by email at helen.black@unisa.edu.au



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Fulbright scholar brings the Law on Water to the US

UniSA's water law specialist and Professor of Business Law, Dr Jennifer McKay has been awarded a prestigious Fulbright Senior Scholarship and will be heading to the United States in August to engage with US water policy law.

Prof McKay will complete a 12 month study at the University of California into changing current water allocation and use laws in the US and Australia to incorporate sustainability goals and considerations.

As Director of UniSA's Centre for Comparative Water Policies and Laws, Prof McKay has been instrumental in developing a comparative framework for analysing legal institutional aspects of natural resources management in Australia and India. She is also a leading researcher at the CRCs for Water Quality and Treatment and Irrigation Futures.



"The need for a sustainable development law for water is becoming increasingly urgent for both Australia and the US as we grapple with the triple bottom line of economically balancing sustainable water use with environmental protection," Prof McKay said.

"I will be reviewing state water laws in the West and East of the US and comparing them with the sustainable development laws for water use in Australia," she said.

Prof McKay said there was enormous value in comparing water laws, their interpretation and administration in the two countries.

UniSA Vice Chancellor Professor Peter Høj said he was delighted to see significant research into sustainability being supported internationally.

"Professor McKay is undertaking important and somewhat pioneering research into the pressing legal issues that surround our resources and how we manage them into the future," Prof Høj said.

"We are very proud that the calibre and international significance of her research has been acknowledged through the Fulbright Scholarship."

Prof McKay plans to share her research outcomes with senior water public policy makers and lawyers in Australia and the US.

The largest educational scholarship of its kind, the prestigious Fulbright program was created by US Senator J William Fulbright and the US Government in 1946 to promote mutual understanding through educational exchange. The program operates between the US and 150 countries.

Prof McKay is one of 24 Australians to be awarded a Fulbright Scholarship this year.

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UniSA's presence at Australia 2020

The University of South Australia will be well-represented at the Prime Minister's Australia 2020 Summit to be held at Parliament House later this month.

Six UniSA staff and an alumna are among the 1000 leading Australians who will "help shape a long-term strategy for the nation's future".

Deputy Vice Chancellor Professor Caroline McMillen and postdoctoral research fellow Dr Beverly Muhlhausler will lend their expertise to developing *A long-term national health strategy*.

Executive Director of the Bob Hawke Prime Ministerial Centre Elizabeth Ho and Amy King, a UniSA International Business/International Studies graduate and Rhodes Scholar, will contribute to the *Future of Australian Governance* panel.

Joining prominent Indigenous leaders Noel Pearson and Patrick Dodson in discussion *Options for the future of Indigenous Australia* are Professor Peter Buckskin, Dean and Head of School of the David Unaipon College of Indigenous College of Education and Research.

Director of the Centre for Work + Life, Professor Barbara Pocock and Emeritus Professor Freda Briggs are members of the *Strengthening communities, supporting families and social inclusion* panel.



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Matching modern art's supply and demand

by Vincent Ciccarello

It is the kind of dilemma most artists would relish – an order from a United States art gallery for 150 large-scale works.

But for Steven Carson, Studio Head (Sculpture and Installation) at UniSA's South Australian School of Art, the request presented more than a small challenge.

"I calculated it would take me around 25 years to fill the order," he said.

Unfortunately for Carson, there's no cutting corners – broad brush strokes, spray guns or rollers just won't do. Instead, hours of meticulous and painstaking work - hand-painting thousands of matchsticks with up to seven coats of acrylic paint and then gluing them side-by-side - are required for just one of Carson's artworks.



"My matchstick paintings explore non-traditional approaches to painting and drawing," he said.

"The individually hand-painted matchsticks jointly assert a connection to and disconnection from traditional painting materials and processes.

"Typically my work is labour intensive and there's a reference to the value of labour itself but there's also a reference to the distinctions between values that distinguish a range of creative activities."

The results are stunning series of colourful abstract paintings of geometric patterns that are winning acclaim here and abroad.

Carson took out the prestigious Whyalla Art Prize for 2007 with *I never learned to paint*, a two-metre by two-metre painting comprising 30,000 matchsticks that took three months to make. The Prize's winning entry forms a part of the Whyalla Art Gallery's permanent collection and its creator took home \$25,000.

"I haven't really thought what I'll do with the money. It's a very generous amount, and obviously it was awarded to me for my work, so I think it will definitely be returned to my work in some way."

Carson said the title of the work refers to "a tongue-in-cheek anxiety and ambivalence on my part about having never learnt to paint, yet it is this very proposition that establishes the conceptual imperative and technical mechanism with which I work".

"It is my intention that the perception of the work changes as viewers approach the work – it may appear at first like a painting, then perhaps it might look like an embroidery, or a heavily pixelated digital print, yet when the viewer gets close to the work its method of construction and materiality and become more evident."

Evident now, also, to the manager of that US art gallery - his order remains necessarily unfilled.

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Shedding light on Basil

by Michèle Nardelli

Fresh from his win in the National Portrait Gallery photographic competition with his work *Dan on Winter Solstice Eve*, UniSA art and photography lecturer Mark Kimber was commissioned to take a special portrait of former UniSA Chancellor and renowned research scientist Dr Basil Hetzel for the gallery.

And as Kimber says he could not have had a kinder and more accommodating subject.

"I asked Dr Hetzel if there was a particular location here in Adelaide that had some sort of resonance for him in relation to his work on iodine deficiency and he chose the CSIRO building on Frome Road, the place where he conducted much of his research," Kimber said.

"My interests have always been centred on the night or twilight as a setting for my work so we determined to meet there one early November evening.

"I wanted to create a little piece of 'theatre' where I compressed time beyond the usual 60th of a photographic second, allowing other elements within the image, such as the light from the doorway and the evening sky and clouds to 'burn' into the picture.

"Even when we know that we are looking at a fiction, something the naked eye can't see - what I think intrigues us in time exposure night images is our ability or even compulsion to believe in their strange, dream-like colour.

"Almost in spite of ourselves we still embrace it emotionally. The camera stretches time revealing a world impossible to know through our own consciousness - unworldly colour, glowing with light."

The portrait of Dr Hetzel was hung in the National Portrait Gallery for its opening in March.



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Dual approach to dairy research holds promise

by Michèle Nardelli

UniSA's Nutritional Physiology Research Centre will be a key partner in research into functional foods as part of a state to state agreement with Manitoba, Canada and South Australia designed to spearhead collaborative research.

The agreement was signed by the Premiers at an official function in February attended by Vice Chancellor Professor Peter Høj.

Director of UniSA's Nutritional Physiology Research Centre, Professor Peter Howe, says this new research collaboration with the University of Manitoba's Richardson Centre for Functional Foods and Nutraceuticals will be funded for 3 years under the bilateral agreement, which will be further enhanced by a memorandum of understanding signed between the collaborating universities.



Professor Howe's team will work with researchers from Manitoba to conduct clinical trials to assess whether increased consumption of dairy protein can improve body composition and counteract disease in at-risk individuals.

"The increase in abdominal obesity and accompanying risk factors for diabetes and cardiovascular disease are placing a significant burden on populations globally," Prof Howe said.

"Early concerns about dairy fat and its association with high cholesterol have taken their toll on the dairy industry, but more recent observations suggest that the protein in dairy may actually offer important cardiovascular and metabolic health *benefits*. We want to take a closer look at dairy protein and work out what components may deliver these health benefits."

The dual-state 12 month trial to be conducted in Adelaide and Winnipeg will compare the regular consumption of low fat dairy products with a habitual diet which is low in dairy on the anthropometry, body composition, blood lipids, glucose, insulin, blood pressure and other select cardiometabolic risk factors in 100 adult participants.

"Stage two of the project will use technology in Manitoba to fractionate the dairy protein so that we can identify and evaluate the bioactive components in animal studies at the Canadian Centre for Agri-Food Research in Health and Medicine and in further human trials," Prof Howe says.

This collaborative project will parallel other functional food research supported by the bilateral agreement which aims to enhance Brassica (canola). This joint investment in agricultural research is aimed at providing solutions for increased environmental and human health and sustainability for South Australians, Manitobans and people around the world.

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UniSA awarded federal research funding to combat terrorism

by Vincent Ciccarello

As part of the Department of the Prime Minister and Cabinet's Research Support for Counter-Terrorism program, the Parliamentary Secretary to the Prime Minister, the Hon Anthony Byrne recently announced funding for two research projects in UniSA's Defence and Systems Institute (DASI) as an important element of Australia's counter-terrorism activities.

A general security and forensic model for process control and SCADA systems will improve the security of Australia's electricity, gas, water and oil supplies against terrorism.



The project will initially investigate and map security weaknesses associated with the computer systems and networks that control critical infrastructure.

Associate Professor (Homeland Security) and Director of UniSA's Forensic Computing Lab, Dr Jill Slay leads the project and says this data will be used to develop a generic security architecture for Process Control and Supervisory Control and Data Acquisition (SCADA) systems.

Prof Slay says this project will involve SCADA systems belonging to two utilities and will also develop a robust forensic computing model for incident response, intelligence gathering and digital evidence collection and to enable legal action against system intruders.

The \$60,000, one-year project will not only receive funding from the Department of the Prime Minister and Cabinet but also involve collaboration with a number of Commonwealth agencies.

DASI's Dr Elena Sitnikova is a chief investigator in the project.

The second project, *A data analysis tool for counter-terrorism collaboration, cooperation and visualisation* will use data mining techniques to help counter-terrorism agencies connect terrorism-related dots in massive amounts of data.

Project leader, Associate Professor Shraga Shoval says the new tool will identify hidden patterns and relationships in counter-terrorism databases and present it to the relevant law enforcement agencies in a timely, clear and user-friendly fashion.

This two-year project has a total budget of \$175,000 and involves State and Commonwealth law enforcement agencies.

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Stunning Samstag exhibits for 2008

by Linda Hein

The Anne and Gordon Samstag Museum of Art is set for an exciting year of exhibitions following the success of *Penumbra - Contemporary Art from Taiwan*.

The exhibition of works by some of Taiwan's rising contemporary art stars was commissioned by the Samstag Museum in association with this year's Adelaide Bank Festival of Arts and curated by Sophie McIntyre.

More than 7000 visitors viewed the dramatic ground floor installation and striking videos and photography that explore the shifting spaces between past and present in a country that continues to undergo dynamic cultural, economic and socio-political change.

It was the first time any of the five artists have shown their work in Australia. One of the artists, Kuo I-Chen, was able to take a rare leave of absence from compulsory military service in Taiwan to attend the opening of the exhibition.

One of his major pieces, a nine-metre black and white photographic print from his series *Survivor*, portrays an apocalyptic world in which worlds collide and features images from the destruction left in the wake of Hurricane Katrina.

I-Chen also showed video imagery of the lights of his home in Taipei, shot from a balloon far above the city, which he said related to the lonely distance between people living even at such close proximity.

"So close, yet so far away [from each other]," he said.

Penumbra also featured the beautiful *Flov"er*, by Huang Po-Chih, which captured the painterly and rhythmic motions of a flower dancing in space.

Later this month the Samstag Museum hosts *Primavera 07*, a showcase of work by Australian artists under the age of 35. *Primavera* was created in 1992 by Dr Edward and Mrs Cynthia Jackson in memory of their daughter Belinda.

It is the first time in its 16-year history that the *Primavera* series, which has a reputation for profiling emerging artistic talent from across the country, will be shown outside Sydney's Museum of Contemporary Art.

The dynamic exhibition, curated by Christine Morrow, features two and three-dimensional as well as time-based work including painting, photography, installation, sculpture, video and ceramics in which the artists explore a variety of materials, surfaces and textures including cloth, canvas, sponge, foam and woodchip.

The exhibition will include works by SA artists Katie Moore and Honor Freeman, along with current Samstag Scholarship recipient, Jess MacNeil.



Director of the Samstag Museum of Art, Erica Green said this year's exhibitions reflect the culturally diverse goals of the Samstag Museum.

"It's a very exciting time for us," she said.

"Our inaugural exhibition, *Wonderful World*, late last year attracted huge audiences, and already this year we have had a marvellous response from the Adelaide community, with a level of interest and visitations well beyond what we expected so early in the Museum's life.

"As the State's second largest public art gallery, the Samstag Museum has the capacity to present exhibitions of considerable scale and ambition and our goal is to create projects of very high quality artistically that also challenge our audiences in a stimulating way. This year we are producing some special exhibitions of our own, such as *Uneasy* in June, that looks closely at the very latest new art emerging from Adelaide's own artists. But our program will also bring the riches of the world's visual arts to Adelaide."

A highlight late this year will be *From Here to Eternity* from the Victorian Tapestry Workshop.

Primavera 07 is on show from April 18 until June 6. For more information visit [Samstag Museum website](#)

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