

# UniSA News

September 2007

A newspaper of the University of South Australia



**Research depth rewarded**  
 Full Story

- Regulars**
- From the Chancellery
  - Classifieds
  - Colgan's cryptic
  - New leaf
  - In brief
  - Other stories

**Feature      The Researcher      The Graduate      The Student**



Samstag is exhibition ready



Group activity beats working out on your own



When the heat's on electricity supplies



Lyndell nets nifty scholarship

**Other Stories**

- ITEK reaps what it sows
- Keeping good company
- Acting for children
- Sculpture's symbolic welcome
- Urban Australia on view in Spain
- One from the archives
- It's a wonderful world

[top^](#)

## UniSA News

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## Research depth rewarded

by Michèle Nardelli

Leadership, strong and creative management, great communication skills, and innovative research have all been rewarded at UniSA in the past month.

UniSA researchers, both experienced and emerging, have been front of stage in the list of winners for the SA Science Excellence Awards and the Young Tall Poppy Awards.

Laureate Professor John Ralston was named SA Scientist of the Year on August 23.



As Director of UniSA's Ian Wark Research Institute, Prof Ralston has built an outstanding reputation around the world for high quality and high impact research The Wark™. Since 1984 he has worked with colleagues locally, nationally and internationally to attract more than \$100 million in research funding.

Under his leadership researchers at The Wark™ developed a flotation model now being applied in the mining industry to increase the recovery and ore grade quality of minerals. Acknowledged as one of the most significant advances in mineral processing in decades, the model increases mineral recovery by two to five per cent, for some operations, equating to millions of dollars each year.

This latest award caps off a brilliant 24 months for Professor Ralston who was named winner of the 2006 Premier's Science Excellence Award for Research Leadership, the Chemeca Medal for Outstanding Service and Contribution to Chemical Engineering, Australian Mining's inaugural Most Outstanding Contribution to Mining Award, and a nomination by SA Premier Mike Rann for the 2007 CSIRO Eureka Prize for Leadership in Science.

Professors Chris Daniels and Jerzy Filar were also honoured at the SA Awards for Science Excellence.

Well-known by radio listeners everywhere for his encyclopaedic knowledge of Australian native animals and their habitats, Professor Chris Daniels, UniSA's Chair in Urban Ecology won the award for Science Education and Communication Excellence. As leader of Biocity: Centre for Urban Habitats, Prof Daniels' multimedia engagement with South Australians young and old continues to show that "the environment" is as close as your own back yard.

Director of Research at UniSA's Institute for Sustainable Systems and Technologies and Professor of Mathematics, Jerzy Filar was recognised for Science Leadership and Management Excellence. One of the founders of the Hypatia Scholarships for Women in Mathematics, Prof Filar has been a champion of mathematics research and education.

Also announced at the Awards was a special grant of \$1.35 million to support the Building a Fit and Healthy South Australia – Families Lifelong Health project led by UniSA Pro Vice Chancellor Health Sciences, Professor Robyn McDermott. The project brings together a multidisciplinary team of expert local and international researchers to undertake a multigenerational study of the health of SA families. It aims to identify the key factors that lead to ill-health across the generations and establish the basis for preventing some of the major causes of illness and mortality.

The SA Young Tall Poppy winners announced in August included a core of health researchers from UniSA's Sansom Institute, reflecting the growing depth of research talent in health and health sciences.

Expert in mosquito populations and the diseases they transmit, Dr Craig Williams was named SA's Young Tall Poppy of the Year. He was joined on stage by colleagues Dr Beverly Muhlhäusler, who is

researching the prenatal origins of child and adult obesity, and Dr Emma Parkinson-Lawrence, who is working on uncovering more information about a group of genetic conditions known as lysosomal storage disorders.

**And** when the national CSIRO Eureka Awards were announced, UniSA PhD student Nick Palousis (pictured) was one of only two South Australians to take out honours, winning the \$10,000 British Council Eureka Prize for Young Leaders in Environmental Issues and Climate Change. He received the award for his impressive range of activities in the development, implementation and communication of sustainable engineering and business solutions.



UniSA Vice Chancellor Professor Peter Høj said the awards were highly deserved and proper recognition for all of the recipients who have worked hard for their success.

"This kind of success is always underpinned by talent, hard work, determination and a real passion for the work, and it is terrific to see that a culture of endeavour and success runs right through the University," he said.

"The past month has shown that we have vibrant emerging researchers succeeding in their fields, and established researchers with a lifelong passion about the difference they can make in the world through continued leadership of research with dedication, flair and energy.

"The whole UniSA community can be proud of the awards they have all received, which are well deserved "

[top^](#)

## UniSA News

Archives  
 Contacts  
 Media Centre  
 UniSA Home

## From the Chancellery

by Professor Caroline McMillen,  
 Pro Vice Chancellor and Vice President,  
 Research & Innovation

### Building research capacity in interesting times

In this edition of UniSA News we take the opportunity to congratulate a group of UniSA researchers who have achieved recognition at different stages of their careers for their tremendous work and for the significant contributions they have made to the State and to their national and international research fields.

As Pro VC for Research and Innovation, it's great to see first-hand how all of the hard work put in behind the scenes ensures that the calibre of our applications reflects the excellence of the research and to enjoy and celebrate the success of our researchers and their teams.

But in an aspirational organisation such as ours, which is rapidly building its research capacity to meet the significant challenges of the future, it is perhaps as important to also take the time to commiserate with many of our researchers as they deal with the inevitable "lows" which come with being part of the highly competitive world of research.

During the past few years, we have had a major focus on supporting researchers develop national competitive grant applications, including most recently the important ARC Linkage Grants, recognising that external peer reviewers can provide great advice in the draft stages of an application and that some funds to generate pilot data can help develop a more competitive application in time for the next grant round if needed.

Our Development Grant schemes have led to an increase in the number and quality of our grant applications but it's inevitable that because of national success rates of often less than 20 per cent that we are going to fail many more times than we succeed in these early days of building our research capacity. This is why we invite all of our researchers who have worked hard to submit an application to "celebrate and commiserate" at a very informal event "down the pub" when the outcomes of the funding schemes are announced. All seasoned researchers know that success comes with persistence, polishing, redrafting and that the stamina to go back into the fray after being knocked back is what defines the successful researcher.

I'm delighted that we're also working very hard with our Early Career Researcher and Research Leadership Development Programs to emphasise this important message – in one recent presentation to the emerging research leaders, I talked about how experienced researchers initially deal with the failure of their favourite grants (in my case, large doses of chocolate and reality TV work every time) before regrouping to build a stronger more competitive and successful application.

It is these programs in which we work to develop the next generation of researchers at UniSA which are critical for our future aspirations as a place where great research and great researchers thrive.

The pride in our achievements is the greater for the recognition of the effort along the path and so to all of the researchers featured in this edition - we toast your success and say well done!



[top^](#)

---

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[Site help](#) | [Open Day](#) | [UniSA Events Calendar](#) | [Read this page](#)  
Latest content revision: Monday, 7 September 2009



## UniSA News

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## Classifieds

### For sale

**Holden Astra 2004**, gold. Power windows, mags, cruise control. 65,000km, manual. Immaculate condition. \$15,000 ono. Must sell. Contact Simone 0434 601 111

**Toyota Echo 2005**, auto, 4-door sedan, metallic silver, 12,500km, CD player, under warranty, well maintained, service history, economical, rego until May 08, \$15,999. Phone 0437 712 728.

**Toyota Sera 1990**, auto, four seater. 1.6 litre, power steering, reversing alarm, security system, air conditioning. Gullwing doors, a joy to drive, easy to park, surprisingly roomy boot. One of only 2 or 3 in SA, a real head-turner! \$10,000 ono. Ph 24799 (wk), 8263 1388 (hm) or 0433 414 618

### Accommodation

**Beulah Park house for rent** November 07- March 08 Spacious furnished bluestone house with courtyard entertaining area. Close to buses to Magill and city campuses and close to Norwood Parade. 3 bedrooms. Fully furnished. Suitable for visiting academics. \$260 pw. Contact [Karen.Hughes@unisa.edu.au](mailto:Karen.Hughes@unisa.edu.au) Phone 8333 0087 (hm) Mobile 042 415 909

**Burnside apartment for sale.** Two storeys, three bedrooms, two bathrooms, study & two car parks. Secure access to carpark and building. Building exterior and common areas currently being upgraded (no cost to purchaser). Contact [ingrid.day@unisa.edu.au](mailto:ingrid.day@unisa.edu.au)

**Melrose Park** 3-4 bedroom house for rent \$420 pw. Close to public transport and other facilities Ph 0414 339 350

[top^](#)

---

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[Site help](#) | [Open Day](#) | [UniSA Events Calendar](#) | [Read this page](#)  
 Latest content revision: Monday, 7 September 2009



## UniSA News

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## Colgan's cryptic crossword

### Across

1. A counter-blow (6)
4. Explorer supports a more recent one (6)
9. Editing out sitcom character is reviewed as an insult (7,6)
10. Absolute rubbish rejected by agent (7)
11. Energetic, and displaying real taste (5)
12. Condition imposed around a process (5,8)
15. When heavy, this has hard rock heart, they say (5)
16. Not yet finished on the state of the track (7)
18. Frustrated cop has similar narrow views (13)
19. Substitute recruited from players at Zurich (6)
20. Moves quickly to beats (6)

### Down

1. Fabric manufactured from animals (7)
2. Sporadic activity as attack on bunker commences (4,3,6)
3. Live show's opening takes part outside (5)
5. Pincer affected almost nothing (7)
6. Is captured in a remote beach when previously in north-eastern Africa (5,3,5)
7. Time for cool drink (5)
8. Apprehension in an open market? (11)
13. Make formal application, subsequently sanctioned by law (7)
14. Takes in jokes being told (7)
15. Mark has pruned centre from fruit tree (5)
17. Ambush in the wild west overlooked dry ravine (5)

### Wine to win

For your chance to win a bottle of [Whistler wine](#), fax your completed crossword to (08) 8302 5785 by October 17.

Solutions published online on October 22.

### Solution

**Explanations** (C = cryptic part of clue + S = straight part of clue; or S + S = clue holding answer twice with two different straight meanings; or POW = play on words.)

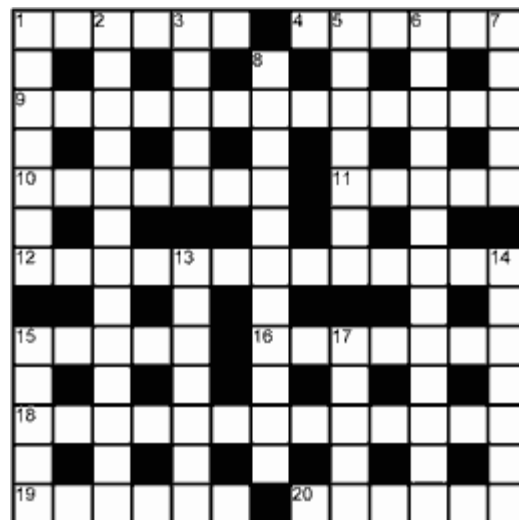
Note that joining words may or may not be an integral part of the clue.

Punctuation and capital letters are irrelevant.

The art of the setter is to make it non-obvious how and where to split the clue, and to mislead the solver along an irrelevant path.

### Across

1. S: counter = buffet





- S: blow = buffet
4. C: explorer (Sturt) supports a (holds "a")  
S: more recent one = Stuart
  9. C: editing out (cutting) sitcom character is reviewed (Kramer, backwards)  
S: insult = cutting remark
  10. C: absolute (real) rubbish rejected (rot, backwards)  
S: agent = realtor
  11. S: energetic = zesty  
S: displaying real taste = zesty
  12. C: condition imposed around (anagram of "imposed around")  
S: process = modus operandi
  15. C: heart, they say (homonym of "mettle")  
S: when heavy, this has hard rock (heavy metal) = metal
  16. C: on (on) the state of the track (going)  
S: not yet finished = ongoing
  18. C: frustrated cop has similar (anagram of "cop has similar")  
S: narrow views = parochialisms
  19. C: recruited from players at Zurich (part of "players at Zurich")  
S: substitute = ersatz
  20. S: moves quickly = whisks  
S: beats = whisks

### Down

1. C: manufactured from animals (buck, ram)  
S: fabric = buckram
2. C: attack (fit) bunker (sand) commences (starts)  
S: sporadic activity = fits and starts
3. C: show's opening (s) takes part outside (exit, outside)  
S: live = exist
5. C: affected (twee) almost nothing (almost "zero")  
S: pincer = tweezer
6. C: is (is) captured in a remote beach (inside "a far sands") when (as)  
S: previously in north-eastern Africa = Afars and Issas
7. C: time (t) cool (okay)  
S: drink = tokay
8. POW: apprehension in an open market (agora) = agoraphobia
13. C: subsequently (so) sanctioned by law (licit)  
S: make formal application = solicit
14. C: in (in) jokes being told (homonym of "jests")  
S: takes in = ingests
15. C: mark (M) pruned centre from fruit (remove centre of "apple")  
S: tree = maple
17. C: ambush in the wild west overlooked dry (dry-gulch, without dry)  
S: ravine = gulch

[top^](#)







## UniSA News

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## New leaf

### A fresh take on water

Is water a resource or is it the source? Is it something to be consumed or does it have a life of its own?

Recent histories of environmental misunderstanding and exploitation shadow our current regime of water management and use. While governments grapple with how to respond to widespread drought, the situation worsens.

There is something amiss in current approaches to water.

A timely collection of essays, *Fresh Water - New Perspectives on Water in Australia*, addresses the critical and contentious issue of water in Australia today and suggests a need to radically rethink our relationship with this fundamental substance.

*Fresh Water* was edited by Dr Emily Potter (Postdoctoral Fellow in Architecture, Building and Planning at the University of Melbourne), Emeritus Professor Alison Mackinnon from UniSA's Hawke Research Institute for Sustainable Societies (HRISS), Dr Stephen McKenzie and Professor Jennifer McKay (Director of UniSA's Centre for Comparative Water Policies and Laws).

It was officially launched in Adelaide by Pro Vice Chancellor, Research and Innovation, Professor Caroline McMillen and HRISS Director Professor Alan Mayne at a function in the Bradley Forum last month. There were more than 80 guests from all three SA universities, the judiciary, the private sector and three State Government Departments. The International Centre of Excellence in Water Resources Management, ICEWaRM, co-sponsored the launch. *Fresh Water* was also launched in Melbourne by Professor Paul Carter from the University of Melbourne.

*Fresh Water* is a multidisciplinary affair, with contributions from specialists in fields ranging from anthropology to visual arts who discuss the various ways in which we are caught up with water, and challenge us to take up the cultural and legal transformations that underpin a sustainable ecological future.

Five of the book's 18 chapters were written by UniSA academics across HRISS, the Division of Business and the Division of Education, Arts and Social Sciences (EASS) - Associate Professors Robert Hattam and Phil Cormack, Professors Barbara Comber, Kay Lawrence and Jennifer McKay, Emeritus Professor Alison Mackinnon and Nici Cumpston.

At the launch, the editors acknowledged the support of the Australian research council Network grant, Academy of the Humanities in Australia, the Academy of the Social Sciences in Australia, the HRISS, UniSA's Divisions of Business and EASS, and the Faculty of Architecture, Building and Planning at the University of Melbourne.

*Fresh Water* is published by Melbourne University Press. In addition to the paperback format, *Fresh*



*Water* is available in its entirety or as individual chapters as an e-book (downloadable PDF files) or a d-book (print-on-demand).

For further information, visit [www.mup.unimelb.edu.au](http://www.mup.unimelb.edu.au)

[top^](#)

---

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[Site help](#) | [Open Day](#) | [UniSA Events Calendar](#) | [Read this page](#)

Latest content revision: Monday, 7 September 2009

## UniSANEWS

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## In brief

### Key in TREV

Deputy Premier Kevin Foley had an inside view of just some of the high potential research in advanced manufacturing being spearheaded at UniSA when he visited Mawson Lakes campus at the end of August. In a special presentation by UniSA Vice Chancellor Professor Peter Høj, research leaders from the Centre for Advanced Manufacturing Research (CAMR) and the Mawson Institute for Advanced Manufacturing, the Deputy Premier got an insight into the wide range of research activity in advanced rural manufacturing, hybrid fuel generators, the manufacture of micro and nano devices and other industry focused projects.

The visit also brought together industry representatives and partners from the automotive and other key manufacturing industries in the State.

Deputy Premier Foley took the chance to get on board UniSA's two-seater renewable energy vehicle, TREV, an electric car powered by a solar charged battery.



### UniSA wins another Hong Kong award

UniSA has won the Export of Services Award in the Hong Kong Australian Business Association– SA 2007 Business Awards.

This important honour, recognising excellence in bilateral trade with Hong Kong SAR/China, follows on from the University taking out last year's Hong Kong Australian Business Association Judges' Award. UniSA's Director: International, Rob Greig, said the University was delighted to be receive the accolade.

"The export of quality education is an important part of UniSA's mission statement, goals and plans," Greig said, "and Hong Kong is a key component of UniSA's transnational programs.

"Indeed, no less than one quarter of the University's 10,000 international students come from Hong Kong."

HKABA-SA spokeswoman, Wendy Rush said the award acknowledged superior achievement in the export of services to Hong Kong SAR and mainland China by a South Australian organisation.

UniSA offers 27 undergraduate and post-graduate programs with partner organisations in Hong Kong. This activity earned the University \$9.3m in 2006 and currently employs 66 UniSA staff.

### Award of a lifetime to Lloyd Sansom

Congratulations to Emeritus Professor Lloyd Sansom AO, who was awarded the inaugural Pharmaceutical Society of Australia Lifetime Achievement Award last month acknowledging his 40 years of visionary leadership in the industry.

Professor of Pharmacy at UniSA from 1990 to 2000, he was the head of the School of Pharmacy and Medical Sciences in his last five years at the University. In 2004 UniSA named the Sansom Research Institute in his honour and in 2001 established the Sansom Trust to promote and support excellence in

pharmacy research. Today Prof Sansom is the Chair of the Federal Government's Pharmaceutical Benefits Advisory Committee.

### Scholarship gives MATES a hand

PhD student Lisa Kalisch, winner of the inaugural \$2500 Roy Schulz Travel Scholarship, has recently returned from Quebec, Canada where she attended the International Society of Pharmacoepidemiology conference.

The travel scholarship is the gift of local businessman Roy Schulz, owner of movie memorabilia store Movie Maniacs and father of Lucy Schulz Director, Student and Academic Services.



It is awarded to the most meritorious postgraduate student or research staff member engaged in the Veterans' MATES (Medicines Advice and Therapeutics Education Services) project in the Quality Use of Medicines and Pharmacy Research Centre, based within UniSA's Sansom Institute, to obtain national or international conference experience.

Kalisch, who is due to complete her PhD in December, is exploring the extent of brand substitution for government-subsidised medicines in Australia and, in particular, the extent of switching between brands by individuals and attempts to characterise patients for whom brands of medicine are frequently substituted.

Her supervisors are Professor Andrew Gilbert and Associate Professor Libby Roughead.

### Hawke Institute's socially inclusive agreement

UniSA's Hawke Research Institute for Sustainable Societies (HRISS) and the Social Inclusion Unit (SIU) in the SA Department of the Premier and Cabinet have signed a Memorandum of Understanding (MOU) to collaborate on social sustainability research.

HRISS Director, Professor Alan Mayne said the agreement, which runs until the end of 2008, is a framework for combined research into social policy areas including school retention, poverty and unemployment, regional development and disadvantage, and social inclusion and social sustainability.

"The MOU builds on three HRISS Australian Research Council Linkage projects in which the SIU is already an industry partner," Prof Mayne said.

"We plan to explore other opportunities for joint research in areas such as the social, economic and environmental impacts of the minerals industry, disadvantaged neighbourhoods in the metropolitan area, and Aboriginal communities and remoteness."

As part of a joint education and training program, a series of workshops is being planned on topics such as making across government and across university approaches to social research work.

### All in the taste - or is it?

An innovative research project from UniSA's Wine Marketing Research Group has been awarded the prestigious Wine Press Club of NSW Fellowship grant of \$7500 for 2007.

The successful researchers Professor Larry Lockshin and David Knott will be researching the real impact of in-store wine tasting on wine sales.

Boldly titled *Boozing or Branding? Measuring the effect of free samples at wine shops*, the project is a completely new area of research and one with potentially high impact on the sale and marketing of wines.

"What we hope to uncover is who tastes wine in wine shops, why they taste it and whether or not it actually influences their buying behaviour," Professor Lockshin said.

The research will be undertaken in Brisbane, Adelaide and Sydney across a range of different wine brands, large and small.

The findings of the project will be published in WBM Australia's wine business magazine and presented

to members at the NSW Wine Press Club in early 2008.

### **Who's great?**

Know someone who is a great example of excellence in education? Now is your chance to nominate them for the accolades they deserve. SA Great is calling for nominations for this year's Education Award, along with the South Australian and Young South Australian of the Year and other categories.

They are looking for people who have demonstrated excellence in their field and have been inspirational role models for South Australians in the past 12 months.

They will also be judged on personal, academic and professional achievement; demonstrated leadership, innovation and creativity; community involvement; level of achievement and sacrifices made; nature and length of involvement; and contribution to the state. Peer, public and self nominations will be accepted. Nominations close on Tuesday, October 2 2007 and forms are available from SA Great on 8211 8111.

Online nominations can also be made at [www.sagreat.com.au](http://www.sagreat.com.au)

[top^](#)

---

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[Site help](#) | [Open Day](#) | [UniSA Events Calendar](#) | [Read this page](#)

Latest content revision:Monday, 7 September 2009



## UniSA News

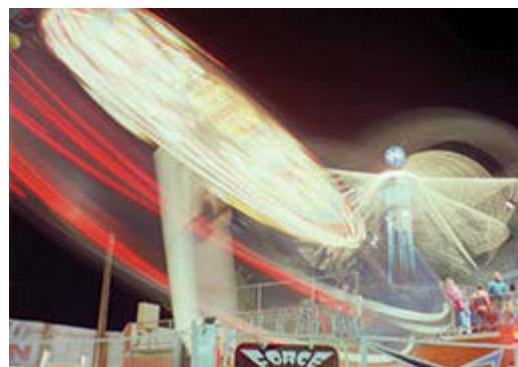
- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## Samstag is exhibition ready

by Michèle Nardelli

South Australia's new public art gallery is not only the second largest in the state but it offers a completely new experience for local and visiting art lovers. The Anne & Gordon Samstag Museum of Art is an elegant contemporary space in the heart of UniSA's City West campus.

A focus of the new Hawke Building, when it opens on October 12, the Samstag Museum will offer an exciting calendar of exhibitions of mostly Australian contemporary art, with an emphasis on SA artists and new media.



Designed by award winning architect, John Wardle in association with Hassell, the museum features three galleries over two levels, all constructed to exacting modern standards and with the capacity to exhibit large scale works.

Gallery Director Erica Green said there are vital underlying technologies that are important for the daily operation of the art museum.

"Securing top class exhibitions can be reliant on a range of important factors from security and climate control, through to having the technological and structural capacity to accommodate the displays," Green said.

"The Samstag Museum has been carefully designed so that we can meet some pretty rigorous standards."

Key features include a special air conditioning and humidity control system designed to be highly efficient and environmentally friendly, and specifically designed for the SA climate.

The ceiling has been reinforced to support 50kg/m<sup>2</sup>, with single hanging points able to support up to 1000kg in the concrete beams.

There is also a six tonne dock leveller for unloading exhibition crates, with a special loading and unloading airlock and a large pivot door which would enable the equivalent of a car and caravan to enter the gallery space.

"This means we have so much more opportunity to present a range of works that other galleries would find prohibitive," Green said.

And with the growth of multimedia technologies in the art world, the Samstag Museum is fully equipped to take on some of the most innovative new media exhibitions.

"The gallery is HDMI (High-Definition Multimedia Interface) wired – the latest interface for audiovisual equipment such as high-definition television and home theatre systems. It has the capacity to carry a bandwidth of five gigabytes per second, all in a single cable that resembles a simple USB."

Green said all that technology is neatly disguised with data, power and rigging points all located in concealed ceiling and floor points.

And clean open space is a feature of the gallery.

The downstairs space is a pristine 300 square metres without a single supporting column. The 500 square metres of timber flooring is recycled Australian ironbark, specially sprung and reinforced to support heavy loads.

"It will be wonderful for the state to have this extra gallery space and I think visitors will find the Samstag Museum an exciting addition to the SA art scene."

[top^](#)

---

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[Site help](#) | [Open Day](#) | [UniSA Events Calendar](#) | [Read this page](#)

Latest content revision: Monday, 7 September 2009



## UniSANews

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

# ITEK reaps what it sows

by Vincent Ciccarello

ITEK's investment in technology and intellectual property developed by UniSA has yielded dividends with the sale of satellite communications business DSpace to leading US wireless and satellite communications company, EMS Technologies.

Founded in 1995 by Mark Rice and Jonathan Whalley at UniSA's Institute for Telecommunication Research (ITR), the company developed advanced satellite systems technology and in 2002 attracted venture capital from Playford Capital, CM Capital and Foundation Capital.

DSpace has been successful in creating multi-user decoding and turbo coding technology for the mobile satellite industry in areas of defence, intelligence and emergency services.

The company will become an operating part of EMS following the \$6.75 million sale and remains based at Mawson Lake's Technology Park.

Itek's commercial director, Bruce Tilbrook supported the development of the business as a board member.

"DSpace was one of ITEK's first investments and has been successful in a number of ways," he said.

"Over the years, DSpace has continued to use the University's research capacity to develop more technology by providing funding of around \$800,000 to ITR."

DSpace is the first sale of 10 early stage businesses in which Itek has invested some \$2.5 million covering material sciences, health sciences and technology as part of UniSA's commitment to taking University technology from the laboratory to the marketplace.

ITEK's Commercialisation Manager, Greg Macpherson said early stage business development is a complex and time consuming process.

"The sale of an investment such as DSpace demonstrates our ability to grow businesses out of good ideas and research," he said.

[top^](#)

## UniSA News

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## Keeping good company

by Vincent Ciccarello

Small and medium-sized enterprises [SMEs] can turn to UniSA for advice on how to improve their business.

From a field of 75 applicants nationally, the University of South Australia has been named one of only 10 partner organisations in a new Federal Government 10-year, \$350 million program to support and advise SMEs.

Through the newly formed Australian Industry Productivity Centres, 45 business advisers will offer SMEs in the manufacturing and services sectors with a turnover of \$2 million or more a free diagnostic service to identify ways those businesses can improve their performance.

From October 1, UniSA – the only university other than the University of Western Sydney to be selected - will be home to one of those business advisers, thanks to the funding agreement which has a potential value of \$2 million over 10 years.

Operations and Business Development Manager at UniSA's Centre for Advanced Manufacturing Research (CAMR), Evangelos Lambrinos said the agreement was a coup for the University.

"It is recognition of the University's engagement with the manufacturing industry and CAMR's track record," he said.

"The Department of Industry certainly was impressed by the strength of the joint CAMR and Defence and Systems Institute submission."

In the highly competitive global business climate, Lambrinos said it was critical for SMEs to be more productive and efficient.

"SMEs are resource strapped and time poor. This initiative will give them access to a free diagnosis of their business and gives them the incentive to go to that next level by improving productivity."

He said the business adviser will provide the business with a report detailing potential areas of improvement and expert contacts to help execute suggested changes.

"Those businesses can then apply for a \$20,000 Tailored Program grant to engage specialist consultants to facilitate change."

More information about the Australian Industry Productivity Centres and how businesses can take part in the scheme will be available in coming months.

[top^](#)





## UniSA News

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## Acting for children

by Vincent Ciccarello

"Never work with children or animals," WC Fields warned budding actors, if only because they tend to steal the limelight.

It seems he didn't have much advice, though, for actors performing for children.

Professional actors may be trained to deliver soliloquies – but how do they react to a child standing at their feet, arms raised, wanting to be picked up?

This is where UniSA's Professor of Early Childhood Education, Wendy Schiller helped actors in Windmill Performing Arts' new production for one-to three-year-olds, *Cat*.



"People who come from formal drama training have no background in this at all," she said. "It is totally foreign to them and can be very threatening."

Prof Schiller has already undertaken a major longitudinal study into children's responses to live theatre with Windmill under a five-year Memorandum of Understanding.

Flowing from that relationship, she provided advice to actors in Windmill's hugely successful *The Green Sheep*, based on a book by Mem Fox.

"Windmill's artistic director Cate Fowler asked me to give the actors some insight into what they might expect of an audience of very young children," she said.

"For example, young children call out, and they don't sit still, so making eye contact, whole body movement, using body language and nonsense rhymes are all important when interacting with preschoolers."

The *Green Sheep* audience was mostly four to five year-olds; *Cat* takes the same principles but applies them to an even younger group.

"There's a big increase in language from the younger to the older group," Prof Schiller said. "That's why the focus of *Cat* is on music and movement, and the rhythm and rhyme of words.

"For most of the children, *Cat* will be their first experience of live performance. And so it has been designed in such a way that the concepts are very clear.

"The children are accompanied by an adult but they must be able to see and the show must be in a form that they can understand and communicate ideas that they can take away with them."

While *Cat* has an obvious literacy connection by exposing children to words and setting, Prof Schiller said it is not deliberately designed as an educational intervention.

"It is performance and it's giving very young children's drama the same kind of expertise that we would put into quality adult drama," she said. "From our point of view, this is really important for early literacy, because language experience leads to an interest in books and an interest in reading."

Lecturer in the School of Education Jeff Meiners, who also advised on the movement for *Green Sheep*,

said the movement he created for *Cat* focused on the interactions between parents, carers and young children.

"*Cat* models to parents and carers playful ways of interacting with their kids," Meiners said.

"We undertook a two-week research and creative development period at Margaret Ives Children Centre working in the babies' room, the toddlers' room and in the kindy room with parents and actors. Part of my role was to set tasks that related to the book, dealing with the concepts that we wanted to get across.

"I drew on my movement analysis background of working with early child development to help the performers understand how young children develop physically and also the emotional connections between movement and feelings."

Education students, who from time to time have worked on Windmill productions on a voluntary basis, also contributed in the development of resource materials for parents and child centre workers to take away with them.

"Where we can, we link students so that they get experiences in community settings as well. It's really valuable for them as teachers," Prof Schiller said.

"It's a superb opportunity for us as educators to be involved in ventures such as this. It brings child development to life and arts into everyday experiences.

"And it's terrific for the actors, as well, as this is the hardest audience in the world to play to."

Prof Schiller is the first to admit, though, that even she can't anticipate how every child reacts to live performance. The day after she took her neighbour's three-year-old child to see *Green Sheep*, he painted the family dog blue!

[top^](#)



## UniSA News

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## Sculpture's symbolic welcome

*Different Forms of Intelligence* is a public art work of exceptional imagination by significant South Australian artist, Fiona Hall. It will be prominently displayed in a specially crafted glass vitrine on the corner of Fenn Place and North Terrace.

Commissioned by the University, with support from the Government of South Australia through Arts SA, Hall's thought-provoking and iconic work of art presents a powerful symbolic welcome to this landmark building.

In *Different Forms of Intelligence*, each of the five platonic solids (tetrahedron, octahedron, cube, icosahedron and dodecahedron) is represented physically in the form of a human brain, whose physiognomy has been altered to conform to the shape of each of the solids. The five "platonic brains" are made from different materials – bronze, wood and marble. A sixth sculpted form in the ensemble of works is an anatomical depiction of a human brain cast in lead glass.

Fiona Hall lectured at UniSA's South Australian School of Art for many years, and she continues to live and work in South Australia, though her practice and reputation are now international in their scope. Her work is represented in all Australian state galleries and features regularly in exhibitions in Australia and overseas.

[top^](#)

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Latest content revision: Monday, 7 September 2009



## UniSANEWS

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## Urban Australia on view in Spain

by **Nicole Mikajewski**

Studio Head of Photography and New Media at UniSA's South Australian School of Art, Mark Kimber hopes his *Sun Pictures* will spark international interest in Australian photography and Australia as a photogenic landscape.

Kimber's series of photographs of ordinary urban landscapes at twilight will be on show at *Fotonoviembre 2007*, the biennial International Photography Festival in Tenerife, Spain later this year.

"Hopefully the exhibition will get international photographers and audiences interested in Australian artists, landscapes and what is happening in Australian art and photography," Kimber said.

*Sun Pictures* was one of only 80 photographic series selected from more than 1500 applicants for this special festival, which recognises outstanding technique and images in modern photography.

"The judging committee is very particular in selecting photographs with unique content. They also try to display the different ways that you can work in photography and the different techniques that you can use to capture images," Kimber said, adding that *Sun Pictures* is a marriage of old and new technologies.

"I wanted to combine the old world of photography and the new world of photography. To do so, I captured the photographs using an old plastic camera from the 1950s, however, I printed the photographs using digital techniques," he said.

"I used this technique to capture twilight moments in urban Australian landscapes, in particular, landscapes where there is a significant gap between lived-in space and the 'unlived', so the combination of light and space makes it look like an ephemeral bit of theatre.

"I would like people who view my work at *Fotonoviembre 2007* to find it compelling, different and will show them that ordinary places can, for a few brief moments, be quite spectacular."



[top^](#)



## UniSANEWS

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

### One from the archives

Lena Tornqvist, the National Library of Sweden manuscripts librarian responsible for the Astrid Lindgren Collection, will present a keynote address at *Simply the Best 2: Reflections of women through records*, the fourth national conference of the Bob Hawke Prime Ministerial Library, to be held at the Bradley Forum from October 10 to 12.

Astrid Lindgren is a well-known Swedish writer holding a unique position in Swedish society during the second half of the last century. She is the author of *Pippi Longstocking* – one of the most famous children's books in the world – and her books have been translated into 85 languages and published in more than 100 countries.

The Astrid Lindgren Collection is a comprehensive archive, which contains original manuscripts, letters and press clippings. Her archive has been classified by UNESCO for inclusion in the Memory of the World Register and thus deemed important to preserve for the whole of humankind.

Lena Tornqvist's paper is entitled *From a box in the attic to a Memory of the World - Astrid Lindgren's remarkable archives at the National Library of Sweden*.

Conference convenor and library manager, Jenni Jeremy said the conference picks up the theme of the highly successful 2005 event, with the program divided into the topics *Women and Health, Women and Education, Women and Politics, Women and Research and Women and Social Justice*.

The Bob Hawke Prime Ministerial Library will also collaborate with Australian Library and Information Association Acquisitions to host a pre-conference symposium on October 10, *The Acquisition of Cultural Artefacts*.

"A range of speakers will explore the nature of artefacts and why libraries and archives collect such items, where they collect from and how decisions are made around selecting items for purchase or donation to our collecting institutions," Jeremy said.

Program and registration details for both the conference and symposium can be found at [www.hawkecentre.unisa.edu.au/library](http://www.hawkecentre.unisa.edu.au/library) or by contacting Jenni Jeremy on 8302 0318 or [jenni.jeremy@unisa.edu.au](mailto:jenni.jeremy@unisa.edu.au)



[top^](#)



## UniSA News

- [Archives](#)
- [Contacts](#)
- [Media Centre](#)
- [UniSA Home](#)

## It's a wonderful world

by Vincent Ciccarello

Two former UniSA students are among the twelve renowned and accomplished Australian artists featured in *Wonderful World*, the inaugural exhibition of the Samstag Museum.

On display will be a set of six colour photographs from the series *The Place in Between* by Narelle Autio, winner of the international Leica Oskar Barnack Award, American Picture of the Year Award and a Walkley Award.

Another multi-award winner, Simon Carroll – whose cinematography credits include *Walking with Dinosaurs*, *Blue Planet* and *The Matrix* – will share some of the astonishing time-lapse imagery he has captured over 19 years in the *History of a Day* project.

Samstag Museum director and exhibition curator, Erica Green said *Wonderful World* is an ambitious celebration of Australian contemporary art.

"The exhibition is a rich exploration of different ways that artists experience the world," she said.

"It brings us places of the imagination and glimpses of magical domains that only artists of mature creative power can effectively conjure."

*Wonderful World* also features the work of Jon Cattapan, Daniel Crooks, James Darling/Lesley Forwood, Robert MacPherson, Ningura Napurrula, Susan Norrie, Philip Wolfhagen and Anne Zahalka.

"All in all, *Wonderful World* is full of the mysterious alchemy that makes art such a special part of our lives. It is a perfect way for us to celebrate such an auspicious and historically significant event, as the opening of the Anne & Gordon Samstag Museum of Art," Green said.

The exhibition, which runs until December 7, employs all of the museum's three substantial and elegant exhibition galleries over two levels. The exhibition hours are Tuesday to Friday 11am–5pm, Sunday 2–5pm and it is open to the public.



[top^](#)

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