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UniSA News

A newspaper of the University of South Australia

Nov/Dec 2002 issue

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Environmental initiatives for a sustainable future

In a moment of complete resignation you begin to clean your desk, the Himalayas of paper are levelled in one huge sweep of your arm into the recycling box. [Full Story](#)



A new age for development

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Sleep disorders putting kids behind at school

A UniSA study has revealed that chronic sleep disorders are a major problem for 35 - 40 percent of school children over the age of six. [Full Story](#)



Extras

[Do you feel valued in your workplace?](#)

Dr Stephen Billett, a researcher on adult and vocational education at Griffith University, delivered a seminar last month on participatory practices at work. He spoke to staff and students at the Underdale campus about how an individual's position in the workplace directly affects their opportunities and their value within that environment; and how this, as a consequence, directly affects the way that individual learns.

[A world of opportunities with new technologies](#)

German poet and playwright Bertolt Brecht once said, "The world of knowledge takes a crazy turn when teachers themselves are taught to learn." Well it seems crazy times are upon us because the Education, Arts and Social Sciences Online Teaching and Learning Working Group are running a series of seminars discussing the ways that the internet can improve teaching methods.

[Whyalla staff give outdoor education centre the thumbs up](#)

Whyalla campus staff members were some of the first people to put UniSA's newly-established Outdoor Education Centre to the test during a recent two-day management training course at Roopena Station, north west of Whyalla.

Other stories

[Teaching the ABC's of Spinal Care](#)

Research from UniSA's Centre for Allied Health has found that one in six adolescents experience lower back pain on a regular basis and that excessively heavy and poorly carried backpacks contribute to this problem.

[Satellite solutions for rural communities](#)

Shared access points using leading edge technologies could make broadband satellite communications services for people in rural and remote Australia up to 10 times cheaper than existing commercial services, a UniSA study.

[Hard work the secret of Eliza's success](#)

Hard work, commitment and doing what you love are the keys to success at university, according to Eliza Marie Wilson, winner of the 2002 Tappa Tangka Manninendi Medal.

[Toys fight fat with fun](#)

With warning bells ringing about childhood obesity, UniSA has joined forces with toy manufacturers Orbit Products to put fitness back into the playtime agenda.

[One world but many kinds of knowledge](#)

Although the buzz words knowledge economy are all pervasive in the modern world - across corporations, governments and transnational organisations - they have a hollow ring for UniSA's Professor Jane Kenway

[Door opens for Bhutan business scholar](#)

For many Australians it would be hard to believe a life today without television or

[How happy are our campers?](#)

Researchers from the Centre for Environmental and Recreation Management (CERM) at UniSA, Parks Victoria and National Parks and Wildlife SA have announced a Cooperative Research Centre for Sustainable Tourism grant to study campers in national parks.

[Earth shattering research to quake-proof buildings](#)

South Australia is not known for its seismic activity, yet the government is helping fund UniSA research into the strengthening of old brick walls.

[Chancellor's Awards for Community Service](#)

[New chair pumps up water research](#)

South Australia will soon boast one of the highest concentration of research expertise in water sciences and water systems in Australia.

[McKay to advise Singapore on water pricing](#)

The Director of UniSA's Water Law and Policy Group, Professor Jennifer McKay, has been awarded a prestigious contract by the Singapore government to undertake a study on the sale of water across international and interstate boundaries in the Asia Pacific region.

[Our People - Roger Harris](#)

History is the stepladder for the future. It is important to me – my degrees were in that

access to the internet. But for citizens of Bhutan these only became a reality when their King lifted the ban on such communications media in 1999.

[Better designs through far sited teaching](#)

Architecture and interior architecture students from the Louis Laybourne Smith School of Architecture and Design recently had a chance to put theory into practice when they travelled to the picturesque Coffin Bay on the Eyre Peninsula to take part in a week long master class with acclaimed environmental architect Paul Pholeros

discipline. So I derive great satisfaction from reflecting that my great grandfather (Charles Hope Harris) was a lecturer in this institution (Surveying, School of Mines) in the 1890s and that I am also, a century later, on staff at this same institution.

[Tributes](#)

Dr Margaret Tobin
Josh Deegan

[Academic Board](#)

February 2003 issue of UniSANews

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[2003 UniSANews schedule](#)

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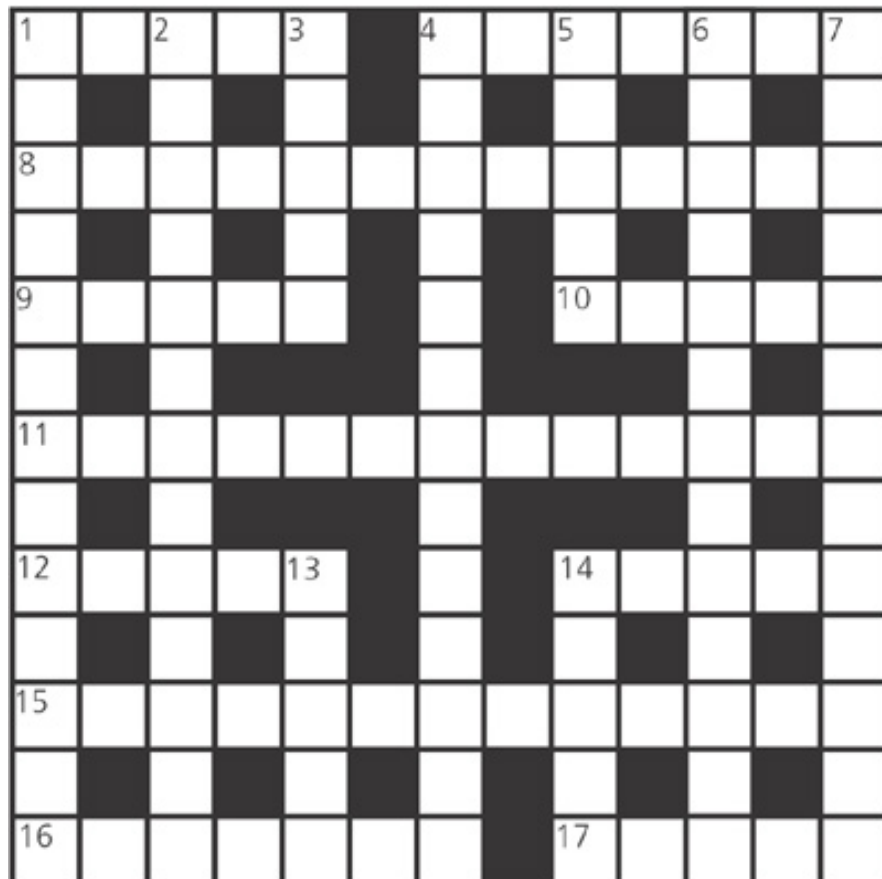
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Colgan's Cryptic [\(Click here for solution\)](#)



ACROSS

- 1. Refuse to remove youth leader from county (5)
- 4. Act to remove one from active service is void (7)
- 8. Watches over French covering arms (13)
- 9. Crow takes small bird (5)
- 10. Profiteer's trophy (5)
- 11. Vehicle is held up by unrestrained person defying authority (13)
- 12. Pluck a fibre (5)
- 14. Flyer has no time for a question (5)
- 15. Forty-niner briefly has an order to follow (3,10)
- 16. Take female qualifier inside and place in protective cover (7)
- 17. The drift is interrupted by Latin accent (5)

DOWN

1. Musicians accept stint for nothing; they're fanatics! (13)
2. Cover intended to control short waves inside (4,9)
3. European city maintaining duteous respect (5)
4. Taxes about to be stored in central location (6,7)
5. Containers of timeless substance (5)
6. Listless. Must speak from the floor. I almost cry (13)
7. Passing through Charleston, I juice fruit (13)
13. Be sorry for headless bird (5)
14. Aim to square off (5)

Win a bottle of wine

For your chance to win a bottle of wine worth around \$100, fax your completed crossword to (08) 8302 5785 marked attention Len Colgan by Tuesday November 26. October's winner was Bronwyn Ellis from Whyalla campus.

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From the Vice Chancellor



It is difficult to believe 2002 is coming to an end already. Despite the speed with which the year has passed, looking back, we have all accomplished a great deal. Our stand-out achievements this year include:

- UniSA gained its most outstanding results to date for the 2003 round of ARC Discovery Grants and Linkage Projects with an overall nation-wide position of 14th for combined grants. The results represent an increase of \$1.55 m in grants won in comparison to last year and success rates for both Discovery Grants (30.2 per cent) and Linkage Grants (75.0 per cent) that are the highest in the Australian Technology Network (ATN), well above the national average, and place the University in the top four universities nationally in terms of success rates for both schemes
- The Ian Wark Research Institute (IWRI) was awarded an SA Biosciences Fellowship from Bio Innovation SA which has helped to fund the visit of an internationally renowned researcher in the biosciences field, Professor Peter Majewski of the Max Planck Institute
- UniSA International was announced the winner of the Best International Office award by IDP Singapore
- The Board of SA Water approved the establishment of the SA Water Chair in Hydrosociences and Engineering at UniSA

2002 was also a year of launches, openings and celebrations. Some significant events include:

- Experiencebank was launched at the Experiencebank Careers Fair in March

- The Australian Centre for Community Ageing was launched with a signing ceremony in April
- July was a busy month at the Mawson Lakes Campus with the official launch of the new Information Strategy and Technology Services (ISTS) unit, and the opening of the School of Computer and Information Systems' Student Advisory Centre and the School of Electrical and Information Engineering's Sun Microsystems Real Time Computing Laboratory
- Medici Phase 1 and Library system (Voyager) celebrations took place in August to acknowledge and thank staff for their hard work and successful contributions
- The second Expanding Horizons seminar for alumni was held in September with nearly 300 graduates in attendance to see renowned author and speaker, Anita Bell
- UniSA Northern Adelaide Partnership (UNAP), the University's new approach to partnership in the northern Adelaide area, will be launched by the Premier at the Mawson Lakes Campus on November 29
- UniSA Celebrates – the University's end of year staff party featuring a performance by the UniSA Players group – Not the Festival of Arts – is taking place on December 4.

Finally, we met some major corporate objectives set in 2001, including a review of our Academic Profile 2010-2015 and Teaching and Learning Framework 2010, while we made significant progress on our capital management plan, Blueprint 2005, and on the University's Corporate Web Redevelopment Project. Thanks must go to all staff, students and external stakeholders who contributed to these crucial projects.

2002 saw the retirement of two well known University characters – Liz Watson, University Registrar and Professor Ruth Grant, Pro Vice Chancellor of the Division of Health Sciences. We welcomed Professor David Wilkinson to the senior management team as Ruth's successor and Dr Alan Bundy (whose very entertaining column you may have read last month) as Acting Pro Vice Chancellor: Access and Learning Support while Professor Kym Adey is on leave.

2002 has also been the year of the Nelson Review of Higher Education. Now the review process has concluded we all await, with some trepidation, Cabinets' decision on changes to Australia's universities.

My very best wishes to all members of the UniSA community for the festive season and for 2003. I have no doubt you will help to make it another year of achievements and successes.

[Professor Denise Bradley AO](#)

Vice Chancellor and President

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News in brief

Rudolph delivers early

Christmas will be \$6,000 sweeter for UniSA student Lidia Centrella this year after winning the Kelly & Co e-Christmas Card Competition.

Lidia's e-card will be used by Adelaide law firm Kelly & Co to send to their national and international clients and contacts.

In other competition results, Visual Arts student Jacqui Lapsley won the \$1,500 prize in the ninth annual Fisher Jeffries 2002 Christmas Card Competition. Lapsley won the competition with her design of a reindeer that uses the Fisher Jeffries logo for its antlers. The card will be sent to the law firm's clients and contacts throughout the world.

New statistics unit at Whyalla

The Whyalla campus now has an Applied Statistics Unit.

Directed by John Petkov, the ASU was established to provide training and consulting services to local business and industry in the fields of data analysis, effective survey and sampling techniques and data presentation skills.

From January 8 to 17 Petkov is also running the Statistical Analysis for Business summer school class.

For more information on the ASU and its services, or for more information on the summer school class, contact John Petkov on (08) 8302 6022 (city local call), (08) 8647 6022 (rural local call) or email john.petkov@unisa.edu.au

Information literacy group established

A new group has been formed to help UniSA staff and students to improve their information literacy skills.

The Information Literacy Consultation Group (ILCG) was established to advise on the

best ways to identify, access, evaluate, use and apply information, and particularly to help academic staff incorporate information literacy into teaching and assessment of their courses and programs.

The group is made up of representatives from each division, Whyalla, the Flexible Learning Centre and the library. For more information on how the ILCG can help you, contact one of the following representatives: Sue Tyerman (IEE), Vicki Feast (BUE) Maureen Nimon (EASS), Sharon King (HS), Vicki Ledo (Whyalla), Irene Doskasch (library) or Matthew Thomas (FLC).

New marketing scholarship

The Gerard Industries Marketing Scholarship will be available in 2003 for students starting an undergraduate degree with the School of Marketing.

Sponsored by Gerard Industries, the scholarship is valued at \$2500 per annum and will be provided for three years of full-time study. To be eligible, applicants must have attained a Duke of Edinburgh Award in the bronze, silver or gold category.

For more information contact the School of Marketing on, 8302 0285 or email mkt.enquiries@unisa.edu.au.

Rural health under the spotlight

The Spencer Gulf Rural Health School hosted a gathering of state and national research leaders and students at the *Rural Health Research in Action* seminar held last month in Whyalla.

The seminar included discussions on many topics, including workplace drug testing, domestic violence in rural culture, management of chronic disease in Aboriginal communities, and health issues for people with intellectual disabilities living in a rural community.

National leaders in primary health care research like Professor Fran Baum (Director of South Australian Community Health Research Unit), Professor Justin Beilby (Head of the Department of General Practice at Adelaide University) and Dr Karen Grimmer (Director of the Centre for Allied Health at UniSA), shared their ideas on research and its importance to rural communities. Colleen Prideaux and Jackie Ah Kit, highlighted research issues in indigenous health.

The seminar was jointly sponsored by the Primary Health Care Research Evaluation and Development program, which is funded by the Commonwealth Department of Health and Ageing to promote research and development among primary health care

professionals in rural areas.

Education the Key to Citizenship

Senior lecturer and researcher at the de Lissa Institute Of Early Childhood and Family Studies, Anne Glover, has released research highlighting the key role of education in fostering national citizens in new nations such as Papua New Guinea and East Timor.

Glover delivered her findings at the Education, Nation Building and Citizenship lecture on September 23 as part of the Hawke Institute's *Weaving the Social Fabric* series.

The research was drawn from case studies developed out of an AusAID \$26 million project designed to assist the government of PNG in implementing its Education Reform Agenda. The case study provided key insights into the approach to educational development in PNG, and how as a nation building exercise, Australia has much to learn from their celebration of diversity in education.

It was shown that different languages and cultural traditions have been incorporated into PNG's education agenda to promote accessibility of education and the value of recognising differences in communities' educational needs.

Glover pointed out that while Australia has supported this approach overseas, it often fails to incorporate its own multicultural issues in its education agenda.

For information on Glover's lecture or future events see the website www.hawkecentre.unisa.edu.au/institute/

Making sense of copyright

Changes to the Copyright Act have made life easier for educators to use new technologies in their teaching.

Screenrights, the non-profit organisation appointed by the government to monitor the Copyright Act and ensure rightful clearances, has entered new agreements with Australian universities to give educators greater access to use television and radio as a teaching resource.

Screenrights is providing a free online service where educators can access teaching resources and audio-visual material, as well as subscribing to an email television guide that notifies them of upcoming programs relating to their curriculum.

To access the service visit www.enhancetv.com.au, or for more information on the new agreements email licensing@screen.org or visit the Screenrights' website at www.

screen.org

Ducks run around the lakes

The Research Services Corporate Cup team, the Mawson Ducks, were one of the five fastest teams in the northern region Corporate Cup held at Mawson Lakes.

Mark Hochman, Maria Arena, Juris Wulfius, Lachlan Murdoch, Adam Fletcher and Vicki Allen competed in the 4.5 kilometre event that is two laps around the Mawson Lakes.

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Five to nine - Meet the Billy Bopper man

by [Gerry Clarke](#)

Would the real [Bill Cooper](#) please step forward? Is it the Bill Cooper that Institute of Telecommunications Research' staff have come to know and love as their IT Manager? Or is it the Billy Bopper Man, member of the extraordinary contemporary rock band, Axiomatics?

I was determined to discover the facts about Bill, Billy Bopper Man and the Axiomatics.

"I have always had a love of rock music and had an ambition to be in a rock band and dabbled in music for many years," said Bill – or was it Billy.

"I have been inspired by many bands over a few decades – including Led Zeppelin and the Sex Pistols in the '70s, The Human League and New Order in the '80s and Pearl Jam, Oasis and Ben Folds today.

"But I never had the time or inspiration to give music a serious go."

That was until Bill's love of technology stepped in to revive his musical passion.

"The advances in technology rescued me," Bill said.

"Suddenly, I was able to sit at home on my PC and make my own music.

"I could create the sounds, the special effects, mix, filter, add in some real guitar and add the vocals.



“It didn’t take long for me to put together my own virtual band – the Axiomatics were born.”

Could this be when the Billy Bopper Man took over? Billy is certainly proud of the Axiomatics first CD, *Self*, which features all original music and lyrics, including *Hunker in your Bunker* and *Don’t Waste my Time*.

Bill or Billy Bopper Man is not keen to come clean with the identities of the other members of the Axiomatics. Bill reluctantly agreed to the photo-shoot for the sake of Axiomatics' many fans.

Bill or Billy Bopper Man leaves me with some intriguing words.

“If Axiomatics ever go on tour, it will probably be with Billy Bopper Man on lead vocals and a bunch of robots playing the instruments.”

Surely not – Bill or Billy Bopper Man couldn’t be – or could he?

If you want to find out more about the Billy Bopper Man and Axiomatics and even listen to their music try their web page: www.axiomatics.org

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Browser Briefs

Discover your own back yard

With holidays just around the corner, you may want to check out the South Australian Tourism Commission's (SATC) website. If you find yourself at home with time on your hands, or if your holiday plans aren't firmed up yet, you will find useful information about accommodation, attractions, events, tours, regions, maps, traveller's tips, discovering SA's secrets, and so on. Whether you're looking for a day's outing or something a little longer, this is a good starting point. Attractions include the Adelaide Hills, the Barossa Valley, Beerenberg Strawberry Farm, wildlife parks, herb gardens, wine and food attractions, and so on. Contains useful links to a wide range of destinations and attractions in and around Adelaide. And if you can't quite find what you're looking for, you can always contact the SATC for help.

www.southaustralia.com/home.asp

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Classifieds

Advertising in the classifieds section is available to staff of UniSA. Email classifieds to unisa.news@unisa.edu.au.

Accommodation

House to let 3 bdrm plus study, and large family room, ff, available from December 2002 for 12 months. Suit visiting academic. No smokers or pets. \$275pw. Phone Maryanne 8271 5531

Hills cottage for rent Semi furn, 3 bdrm renovated cottage. Quiet rural outlook with magnificent views, 30 minutes from UniSA City West. Suit visiting academic. One year lease available from end of January 2003, \$250 p/w neg Contact: Lisa 0407 398 163 or 8390 1285

Fairview Ridge B&B Highest property in the hills close to Hahndorf, commanding stunning views of the surrounding countryside. Delightful, self-contained apartment for up to 5 people set amid rolling gum-studded pastures. Fully equipped kitchen/dining area, wood fire, aircon, TV and CD/stereo.

www.fairviewridgebb.com.au Phone 8388 1498

Beach apartment for rent 2 bdrm apartment in an historic stone building at Victor Harbour. Sunlit living room, large balcony, computer/internet, swimming pool, minutes to the beach, cafes and the Square. Sleeps 4. \$140 per night (UniSA discount & weekly rates available). Phone 0425 742 920. Availability Dec/Jan/Feb.

Accommodation wanted

Going away for a while? I'm the perfect tenant. Single professional woman, loves gardening, looking for accommodation from January 2003 (or sooner). ph: 8366 9218

Writing opportunity

All Write! magazine is a literary journal publishing writers aged 25 and under. For information on submissions and writing opportunities contact: All Write! Magazine, PO

Box 349, Penneshaw SA 5222 or email: allwrite@kin.et.au

For sale

Ducati Supersport 750cc, 1994, 3,500kms, reg, \$9,5000 ono. Phone 0405 18962 or 0401 504 760 after 2pm

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Student housing boom

by [Charlotte Knottenbelt](#)



Student Housing Association Manager, Tricia O'Donovan, right, at the Hartley Apartments at Magill with Damiao DeFreitas from Gaetjens Real Estate, left, and student association rep Daniel Fitzgerald.
Photo by Sam Noonan.

UniSA's Student Housing Association is poised to become the largest student housing provider in South Australia, with four new developments expected to be completed by July next year.

The new developments include two city apartment complexes – E-dge Townhouses in Cypress Street and Tobin House on North Terrace – as well as the Hartley Apartments at Magill and Mertz apartments at Mawson Lakes.

The association currently manages housing for approximately 100 students, but that number will triple by the end of 2003, with 176 places to be available by February and another 150 by July.

At the housing association's Management Committee AGM on October 23, association manager Tricia O'Donovan said they were providing the extra housing by working with developers – who are funding the construction of the apartments and will lease them to the housing association to manage.

“We now have a mixed business that we're finding works very effectively,” she said.

“Commercial involvement helps maintain our viability.”

Special guest, Lord Mayor Alfred Huang, commended the association’s success at providing quality, affordable student accommodation.

“UniSA has a very important role to play in providing appropriate accommodation for students, both domestic and international,” he said.

“We need more young people in Adelaide and the UniSA Students Housing Association is playing a vital role to the city and the community in helping to increase the housing options available to students in the city.”

The new apartments will be leased to students at below market rates, thanks to the fact that the UniSA Student Housing Association is a non-profit organisation.

O’Donovan says that the new apartments have been built with both local and international students in mind, with special provisions made for accommodating people with disabilities and special-needs groups such as Muslim women.

“International students want to mix with locals, and there’s certainly the demand there from local students as well,” she says, adding that local students also had access to the association’s subsidized housing scheme, which offers accommodation to students costing as little as \$35 a week.

O’Donovan says schools wishing to reserve apartments to provide accommodation for international students during term time were being encouraged to take out 12 month leases to guarantee availability.

For more information on student housing developments and accommodation services, visit the website at www.unisa.edu.au/accommodation

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Environmental initiatives for a sustainable future

by [Damien Rowett](#)

In a moment of complete resignation you begin to clean your desk, the Himalayas of paper are levelled in one huge sweep of your arm into the recycling box.

In an instant, your concentration is broken by the piercing screech of an alarm and the booming voice of a man dressed in full quarantine uniform telling you to “hit the floor”.

It’s the decontamination squad and your office has been blacklisted, again, for contaminating the recycling.

Far-fetched? Extremely, but the idea of listing the office numbers of ‘repeat contaminators’ and also the introduction of a ‘decontamination squad’, is not.

For [Neville Thiele, Director of the Services Unit](#), it is another option to be considered in the quest to make UniSA more environmentally sustainable.

“We need staff to be more connected with our programs, we have had a good response from most but we are still getting contamination in our recycling”, he said.

The environmental programs that they are operating are numerous but can be broken down into three main areas – energy management, greener motoring fleet, and recycling.

In conserving energy the Services Unit, in collaboration with the Australian Gas Light Company (AGL), has implemented a strategy to reduce the amount of carbon dioxide the University uses.

“We worked into our contract with AGL an energy survey that has enabled us to set



some benchmarks. They are assisting us in developing and implementing an energy management plan”.

By setting the energy targets they are expecting to reduce the carbon dioxide output significantly.

The expected CO2 savings include 86 tonnes on external lighting; 152 tonnes on lighting and air conditioning controls; 1258 tonnes on relamp/delamp; 409 tonnes on the air conditioning cycle; 162 tonnes on window air conditioning and 114 tonnes on split air conditioning in the computing pools.

Together with these savings it is expected that new equipment to manage Power Factor Correction will also save the University somewhere in the vicinity of \$110,000.

“The driver behind all of these plans is to make sure we are conserving energy”, Thiele said.

“The University is also part of the Green Motoring program which aims to reduce fuel consumption by 15 per cent by 2003”.

The program is a joint venture of the Australian Fleet Managers Association, of which UniSA is a member, and one of the strategies has been the purchase this year of three fleet vehicles on full gas. As the opportunity presents itself more of these vehicles will come into the University’s fleet.

The third area being developed and implemented is recycling.

“This year we started a five year contract with Tempo where we set them a key performance indicator to reduce waste and landfill by 50 per cent over three years”, Thiele said.

The methods used to reduce this landfill include the recycling of cardboard boxes, Yellow and White pages, cafeteria cans and bottles.

The biggest push so far though has been on recycling paper, the introduction of small and medium recycling boxes, as well as mobile garage bins around the campuses.

2,623 small boxes, 79 medium boxes, and 176 mobile garage bins have been placed around campuses in an attempt to get staff and students recycling their paper.

“The side of the boxes tells you what you can and can’t recycle, we have found that some people have put magazines or brochures in the boxes, this contaminates it”, Thiele said.

So watch out, the Contamination Squad is coming to an office near you.

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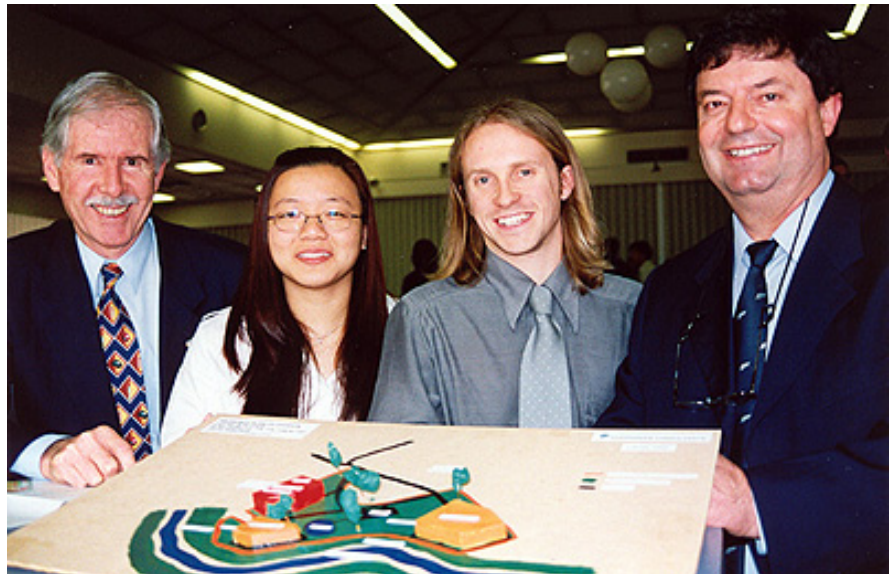
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A new age for development

by [Charlotte Knottenbelt](#)



Campbelltown mayor Steve Woodcock, left with George Zillante and students Sim Pei Ling and Adam Mellow

‘Development’ and ‘environmental responsibility’ are not mutually exclusive concepts, if the ideas of UniSA’s Construction Management and Economics students are anything to go by.

As part of their final year assessment, construction students were invited to submit proposals to the Campbelltown City Council on ways to develop Lochiel Park – a 14.5 hectare site adjacent to the River Torrens that is one of the largest remaining areas of open space in Adelaide.

The question of what to do with the area has been something of a vexed issue, with many residents wanting to retain the open space, the former Liberal state government keen to see it developed, the new Labor government now accepting submissions for the best use of the land, and the council caught in the middle.

One thing all parties agree on is that Lochiel Park needs attention, with burnt-out cars, vandalism and dilapidated buildings marring the area’s ambience.

The students’ brief was to come up with a development that would keep everyone happy – council, residents, environmentalists, developers and government – and the

seven groups all managed to come up with their own unique plans to address all the vested interests.

From a retirement village, to apartments, to an eco village, the ideas were varied, but one thing they all had in common was responsible environmental management, through attention to areas such as storm water management, revegetation and the retention of significant trees and historical buildings.

“It was great to see that of the seven proposals, the least amount of open space retained was 42 per cent, which is well above the 12.5 per cent required by the Development Act,” said program head, [Associate Professor George Zillante](#). (Incidentally, the highest amount of open space retained in any of the plans was 93 per cent.)

Prof Zillante said the presentations were part of an ongoing collaboration with the Campbelltown City Council, which had seen students submit proposals for developments all over the council area for the last seven years.

“It’s a great chance for the students to experiment, because next year they’ll be out working in the ‘real world’ and won’t always have that opportunity,” he said.

Campbelltown’s mayor, Steve Woodcock, said he was delighted with the results and was looking forward to a continuing collaboration with UniSA.

“It’s a win-win situation really, because it’s a chance for us to interact with a tertiary institution, and it’s a learning experience for the students,” he said.

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Sleep disorders putting kids behind at school

by [Geraldine Hinter](#)

A UniSA study has revealed that chronic sleep disorders are a major problem for 35 - 40 per cent of school children over the age of six.

Alarmingly, many parents think it is normal for their children not to sleep through the night after the pre-school years, according to sleep psychologist and researcher, Sarah Blunden, from UniSA's Centre for Sleep Research.

"If children after the age of six still wake up a lot at night or need parents to put them to sleep, and it happens on a regular basis, it becomes a sleep disorder that can lead to insufficient sleep and subsequently learning difficulties, poor academic performance, impaired memory and behavioural problems," Blunden said.

The study of more than 800 children from Adelaide's northern suburbs was the first detailed sleep measurement study in Australia to focus not only on children's snoring, but disorders such as nightmares, night terrors, sleep walking and talking, and teeth grinding.

Blunden teamed up with the Northern Division of Adelaide General Practitioners to study the sleep patterns of children in the community who had not been assessed by GPs for sleep problems.

"We surveyed children and parents to get information about six different groups of sleep disorders and conducted neuropsychological tests of memory, attention, intelligence and behaviour.

"We found that a subgroup of children who snored or suffered from other sleep



disorders had more behavioural problems – some had lower IQs and poorer performance levels on attention and memory tests than children without sleeping problems. Snorers had the lowest intelligence levels and attention span while children who had other sleep disorders exhibited worse behaviour and memory performance than snorers,” Blunden said.

When severe, snoring can obstruct the airway, resulting in reduced levels of oxygen to the body. In extreme cases breathing stops, oxygen levels drop and the snorer wakes up with an accelerated heartbeat. Lack of oxygen can cause neurological changes to the brain that affect problem solving and learning ability as well as heart problems associated with high blood pressure, while snoring at all levels results in restless sleep.

So at what level does snoring become a problem? Blunden says that while snoring has to be fairly severe for adults to show deficits, for children it’s another story. “Even children who are very mild snorers (snoring once or twice a week) are showing some deficits,” she says.

“What we do know is that when children have fragmented sleep for whatever reason, they are potentially in deficit,” Blunden said.

In previous UniSA studies of children referred to the Women’s and Children’s Hospital for assessment of snoring, all improved after having tonsils or adenoids removed, even very mild snorers. Their snoring stopped or was greatly reduced, they slept better and their performance at school improved.

“Other studies have shown that children who snored between the ages of two and six, when this is most prevalent, and had no treatment, still did not fare as well as their non-snoring peers when interviewed at age 16,” said Blunden. “Even some who had been treated were below average in performance levels. This suggests that some injuries caused by oxygen deprivation may not be completely reversible, which is serious.

“We found that children with sleep disorders who go to school tired can’t concentrate, become inattentive, disruptive and restless because they need to stay awake, and may even move into the hyperactive range of behaviours, unable to control emotions, becoming aggressive and withdrawn.

“Children who don’t have a regular bedtime, want parents to be with them when they go to sleep, or don’t like sleeping in the dark, may be helped with psychological guidelines such as changing the children’s or family’s behaviour, getting children to bed at the right time, not exciting them before they go to bed and not allowing them to watch violent movies. Where there is household, financial or emotional stress, psychologists can help if family members are able to express their problems.”

Treatments are available, but only if the problems are identified in the first place. “The biggest problem is that community awareness is very poor,” says Blunden. “Children’s sleeping disorders are being missed in 80 per cent of cases, with parents either not reporting them or doctors not picking them up.

“Doctors in the northern suburbs are now much more tuned in to children’s sleeping disorders, so when a parent complains about being constantly tired and their child’s in trouble at school, GPs can more easily identify this as a potential sleeping disorder and refer the child for treatment.”

UniSA’s sleep psychologists are the first group in Australia to join respiratory physicians (Women’s and Children’s Hospital), and GPs (Northern Division), in particular Chris Seiboth, Bernie Lorenzen and R Balendran, in studying children’s sleep.

“I strongly believe that in partnership with education, community health and research bodies, we can increase community awareness of children’s sleep disorders. We hope to secure funding to screen children in schools for sleep disorders and implement a sleep smart education package that emphasises the importance of sleep for children to learn and function properly. I am also passionate about establishing a children’s sleep research referral centre to advance this new science and to improve children’s learning outcomes.”

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Do you feel valued in your workplace?

by [Damien Rowett](#)

Dr Stephen Billett, a researcher on adult and vocational education at Griffith University, delivered a seminar last month on participatory practices at work.

He spoke to staff and students at the Underdale campus about how an individual's position in the workplace directly affects their opportunities and their value within that environment; and how this, as a consequence, directly affects the way that individual learns.

"Learning is not just institutional. It is ongoing throughout our lives. How people learn in the workplace is directly affected by their place within that workplace. People that are valued are afforded more opportunities, while those that aren't are given fewer," said Dr Billett.

This was highlighted through his study of the participatory practices of three workers over a six-month period, which he presented in the seminar.

His analysis of a union worker, grief counsellor and a school-based information technology consultant demonstrated the differences in workplace esteem based on participation, performance and learning.

"The grief counsellor worked independently, he was valued as a professional in a workplace that allowed him to shape how he conducted his work," said Dr Billett.

"In the beginning the IT specialist was just helping teachers fix printers and computers. Later on though there was a change in his status, he worked on the school's administrative systems. He was afforded greater status, more privilege and felt more valued in his role."

"The union worker was continually negotiating her position in the workplace, often in circumstances where factions and alliances were constraining her efforts and direction."

Dr Billett is the Associate Professor of Adult and Vocational Education and the Director of Adult and Vocational Education Studies at Griffith University in Brisbane.

His lunchtime seminar was organised by the School of Education at the Underdale campus.

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A world of opportunities with new technologies

by [Damien Rowett](#)

German poet and playwright Bertolt Brecht once said, "The world of knowledge takes a crazy turn when teachers themselves are taught to learn."

Well it seems crazy times are upon us because the Education, Arts and Social Sciences Online Teaching and Learning Working Group are running a series of seminars discussing the ways that the internet can improve teaching methods.

[Dr Ingrid Day](#), from the School of Communication, describes the monthly seminars as "a chance for peers to talk to peers about teaching online, to share the possibilities of this approach".

The first seminar began last month when [Dr Matthew Thomas](#) and Dr Day spoke about using online discussions, or forums, in their teaching.

"My students love it, in a highly focussed online environment they are able to talk to other students from Australia, Hong Kong, Singapore, Japan and the United States about cultural and media issues," Dr Day said.

[Dr Denise Wood](#) and Associate Professor [Rigmor George](#) will run this month's seminar at Magill, on Tuesday November 26. The topic being discussed will be the use of peer reviewing instruments for online courses and program websites.

The seminars will conclude for the holiday period but are scheduled to return again in March next year.

For more information contact [Storey Chambers](#) on (08) 8302 4443 or email storey.chambers@unisa.edu.au.

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Team building in the great outdoors

by [Cathy Hughes](#)

Whyalla campus staff members were some of the first people to put UniSA's newly-established Outdoor Education Centre to the test during a recent two-day course at Roopena Station, north west of Whyalla.

Ten UniSA staff were divided into two teams, supported by specialist consultants in management and rock climbing, to gain first hand experience of the concepts of team building and management theories via bush walking, rock climbing and abseiling exercises.

There was a competitive element to the course, with teams accruing points for various exercises that challenged participants to think creatively to solve problems.

Some exercises were as simple as building a tower out of newspaper in a given time with a limited range of resources, whereas other activities – like the six hour bush walking and navigation exercise – tested the endurance, communication capacity and comfort levels of each team member.

Whyalla's Dean, Professor [Scott Bowman](#), said that staff had gained a lot – both personally and professionally – from the course.

“People behave in different ways when under pressure, so team members have to learn how to deal with these challenges in order to achieve certain goals,” Prof Bowman said. “Hopefully participants will go away and be able to apply what they've



learnt to the situations they experience in their everyday work environment.”

Admin officer [Evelyn Stevenson](#) she found the experience worthwhile.

“It was challenging at a physical level, but also very rewarding,” she said, “but it wasn’t as hard as I perhaps initially imagined it might have been. I certainly gained a lot from it and I’d probably go back and do it again.”

Teresa Holland can’t wait to put on the abseiling gear again.

“I had a great time, especially the more physical activities like the abseiling,” she said. “After I came down the first time I just wanted to go back and do it all again. It was such an adrenaline rush.

“Everyone I’ve spoken to who went out there said they were thankful for the opportunity. It’s not like you can get to do it every day in Whyalla. It obviously takes a bit of organizing but it really is a worthwhile experience.”

Enquiries about future outdoor education courses should be directed to [Annette Travers](#) (email annette.travers@unisa.edu.au)

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Teaching the ABC's of spinal care

by [Thel Krollig](#)

Research from UniSA's Centre for Allied Health has found that one in six adolescents experience lower back pain on a regular basis and that excessively heavy and poorly carried backpacks contribute to this problem.

The study arose from community concerns for adolescents carrying heavy school bags, coupled with international scientific recognition of the potential for heavy loads to damage growing spines, according to Associate Professor Dr Karen Grimmer.

In response to this research UniSA's Centre for Allied Health Research and South Australia's Department of Education have teamed up to produce spinal care guidelines for school aged children.

The new guidelines were launched by the Minister for Education, Trish White, at Adelaide High School in late October. This is the first time in Australia that this step has been taken.

Posture, use of computers, load carrying, locker use and physical activity were the five key areas identified by the backpack team where students and schools could improve spinal care according to Head of the Centre for Allied Health Research, [Associate Professor Dr Karen Grimmer](#).

"We have known for some time now that our kids are suffering by carrying heavy and inappropriate backpack loads but there is still a lack of information for students, parents and school communities on how to minimise damage to growing spines," said Prof Grimmer.

"We needed to identify basic, workable solutions to encourage students not to carry lots of books, portfolios, musical instruments and bags around the school, and to and from home."

Many of these solutions are already within their reach says Prof Grimmer.

“Kids tend to stoop, so from a young age we need to encourage young people to stand tall, shoulders back and tummy in - basic good posture, that will encourage a healthy spine.

“We also need to encourage students to use their lockers as a storage point and to carry only essential educational material with them. Schools need to consult with students about the most appropriate and convenient location for their lockers so as to encourage student use of these facilities.”

Prof Grimmer also highlighted that schools should look at varying the height and size of school desks and chairs to meet the different needs of different size students.

“Students in the 21st century have to contend with more frequent use of desktop and laptop computer resources that may add further stress to the spine if not properly supported,” she said.

“There are a number of areas where improved knowledge, altered attitudes and changed habits would make a big difference to spinal health. The investment we make in this now has the potential to save hefty ongoing costs to individuals and the community by preventing serious back problems later in life.”

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Satellite solutions for rural communities

by [Geraldine Hinter](#)

Shared access points using leading edge technologies could make broadband satellite communications services for people in rural and remote Australia up to 10 times cheaper than existing commercial services, a UniSA study shows.

While broadband services are increasing rapidly, many rural people don't have access to satellite technology because of its prohibitive cost, according to [Dr Sylvie Perreau](#), Senior Research Fellow at UniSA's Institute of Telecommunications Research (ITR).

"Some rural communities have one satellite dish for their school and a dish for the medical centre, as well as satellite dishes purchased by individual users who want a satellite connection. That's very expensive," Dr Perreau said. "At the moment the dishes are subsidised by the government, which is not economically viable.

"Our aim is to provide satellite broadband access to remote areas using Rural Access Points (RAP) with a single satellite link. While the concept of supplying communications needs through a single satellite hub is not new, combining a number of leading edge transmission and network technologies enables the satellite link to be shared very efficiently between many users," Dr Perreau said.

Using turbo coding, a new technology developed at ITR, multiple users will be able to access the broad bandwidth satellite link simultaneously, with greater flexibility than existing systems, according to [Professor Bill Cowley](#), Director of ITR and supervisor of the RAP project, which is being coordinated by Dr Perreau, with Senior Research Fellow, Dr Adrian Barbulescu, ITR's specialist in turbo coding.

"With multiple users sharing one connection, the network traffic has to be shaped and managed to eliminate congestion, maximise the number of users and to override some users to give priority based on certain criteria. Priority use could include rare occasions when greater bandwidth is required for transmission of large documents that need urgent attention, such as interactive telehealth services," Dr Perreau said.

A Network Performance (NP) device has been developed at Foursticks Pty Ltd to monitor and manage network traffic and ITR researchers are working with Foursticks to adapt the company's NP device for RAP applications.

Dr Perreau said that in determining the service and traffic class priorities, discussions should take place within rural and remote communities to ensure a fair share of the bandwidth and to further improve the performance of the network, perhaps with certain 'bandwidth-hungry' applications given low priority until off-peak periods.

"All of the technology is already available and we are now seeking funding to build a demonstrator ground station using the turbo coding approaches and traffic shaping in this community ground station context," Professor Cowley said.

"With suitable funding and support from medical and education authorities, we could set up a demonstration Random Access Point in a rural community within six to eight months.

"Satellite communications using Rural Access Points will not only provide financial benefits, but the diverse needs served will bring the community together, resulting in additional socio-economical benefits," Prof Cowley said.

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Hard work the secret of Eliza's success



Tappa Tangka Manninendi Medalist, Eliza Marie Wilson at Indigenous Open Day, with Leanne Smith, left, and Maria Lane. Photo: CK

Hard work, commitment and doing what you love are the keys to success at university, according to Eliza Marie Wilson, winner of the 2002 Tappa Tangka Manninendi Medal.

The visual arts student was awarded the medal – which acknowledges the Indigenous student with the highest grade point average – on October 18 at Indigenous Open Day.

Eliza said she was thrilled to win the award, and that if she could pass on any advice to young Indigenous people considering tertiary study, it would be to “go for it.”

“I think any one of the people here today could do the same thing as I have – they just have to be committed and be doing something that they really love,” she said.

“It’s hard work but it’s worth it. There’s so much support in universities for Aboriginal students these days, it just makes it much easier.”

Eliza said she wanted to thank the South Australian branch of the Australian College of Educators (who established the award a decade ago), Dr Alby Jones, Tony Ryan and

[Maria Lane, manager of UniSA's Aboriginal and Islander Support Unit.](#)

Indigenous Open Day was organised by UniSA's Aboriginal and Islander Support Unit, which has been providing a range of pastoral, academic and social support services to the 2,000 Indigenous students who have passed through the doors of the University since 1973.

Visitors on the day participated in discussions on the value of tertiary education and enjoyed a barbecue, along with entertainment, face painting and jewellery making.

For more information on support available for Indigenous students at UniSA, visit the Aboriginal and Islander Support Unit's website at www.unisa.edu.au/aisu/

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Toys fight fat with fun



With warning bells ringing about the rise in childhood obesity, UniSA has joined forces with toy manufacturer Orbit Products to put fitness back into the playtime agenda. Last month children from the Magill campus childcare centre were invited to test a range of toys, designed by industrial design students in collaboration with early childhood education students, in an effort to promote active outdoor play. Orbit Products supported the project by providing feedback on designs, and sharing their knowledge of the toy industry. They are also looking at the designs for possible production and commercialisation. The children pictured above are testing construction toys for the bath, designed by Aaron Petrone and Mark Schaefer.

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One world but many kinds of knowledge

by [Michèle Nardelli](#)



Jane Kenway, centre at her inaugural professorial address with her mother Joan Fox and daughter Vashti Kenway

Although the buzz words ‘knowledge economy’ are all pervasive in the modern world – across corporations, governments and transnational organisations – they have a hollow ring for [UniSA’s Professor Jane Kenway](#).

Delivering her inaugural professorial address on October 1, Prof Kenway discussed issues of globalisation, the evolution of tribal divisions in society, the rush and impact of consumerism, the development of hybrid and oppositional styles of knowledge, and how these issues affect education. Kenway argued that the new ‘knowledge economy’ represented a thin and narrow understanding of knowledge.

“One of the key aspects of globalisation across transnational organisations has been to transform education into a commodity and that process has diminished the modern understanding of knowledge,” she said.

“In a world now dominated by economic rationalism and the full scale promotion of consumerism, knowledge and education have lost much of their richness and power. Visual, emotional, ethical and interactive aspects of knowledge have all slipped away in

this tide, leaving us with narrow, pragmatic concepts of knowledge.”

Prof Kenway said the new knowledge order was set against the backdrop of an increasingly fractured world society.

“The world now includes four key global tribes – the new global elite, people who spend much of their lives travelling, removed from everyday life due to their wealth and power; the new poor, in their distressed millions; the anti-globalisation activists; and the myriad of consumer tribes all vying for fulfilment through products. It is this fractured but dynamic mix that may indeed force policy makers to open their minds to a deeper understanding of knowledge.”

Prof Kenway says the challenge for educators is to determine what kinds of knowledge should be taught in schools and tertiary institutions.

“Two years into the 21st century and many years on from the first wave of people’s conscious engagement with globalisation we still have no idea of what it might mean to teach the young to become successful and contributing global citizens.”

“What is clear is that the knowledge economy is not the glittering prize it is made out to be and that in the drive to build global profits we are sacrificing a richer and ultimately more valuable understanding of knowledge and global relationships.”

Prof Kenway’s lecture – Reshaping Education in Globalizing, Tribalizing and Hybridizing Times – was presented by UniSA’s Hawke Institute with the Centre for Studies in Literacy, Policy and Learning Cultures. Prof Kenway also spoke on the impact of globalisation in country towns at the Australian Association of Women Educators Conference in Adelaide last month.

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Door opens for Bhutan business scholar

by [Cathy Hughes](#)

For many Australians it would be hard to believe a life today without television or access to the internet. But for the citizens of Bhutan these only became a reality when their King lifted the ban on such communications media in 1999.

In trying to develop a nation the King has had to find a balance between maintaining the cultural and environmental heritage of Bhutan with the necessity of economic development – which has seen the development of new relationships with countries around the world, including Australia.

Education and human resource

development training have been some of the ways that Australia has supported this modernisation push by Bhutan to upskill its citizens with internationally recognised qualifications. Once such recipient has been Kinzang Tobgay (pictured).

Tobgay won a government scholarship in 2000 to study anywhere in the world, and he chose to come to UniSA's Whyalla campus. Now many people may ask why, but for Tobgay the choice was easy.

"Bhutan is a very small place and the community and social life aren't that different from here, so coming to Whyalla wasn't as big a change for me compared to if I had chosen Adelaide or Sydney," he said.

Already a practicing accountant with a Bachelor of Commerce (Honours) degree, Tobgay has been extremely motivated to achieve a CPA recognised qualification as



part of the UniSA program, especially designed for international students. The program involves the completion of the Bachelor of Business in two years in order to provide the requisite courses to undertake the one year intensive CPA program.

“I have been very grateful for all the support I have received. It’s been really lovely. The best thing about studying at Whyalla is that you know your lecturers really well. They went out of their way to look after us. All I had to do was ask and people were willing to help me,” said Tobgay.

Along the way Tobgay has been rewarded for his academic achievements by winning the 2001 Alumni Certificate of Achievement for the Bachelor of Business as well as numerous CPA Australia awards including a medal for excellence in accounting studies and a Certificate of Merit for achieving the highest High Distinction in the compulsory CPA segment – Reporting and Professional Practice.

Tobgay will return to Bhutan at the end of the year where he will resume his position as an accountant at Chulcha Hydro Power Corporation, which is the biggest corporation in the Bhutan.

For more information about tailoring business programs for international students, contact Janet Sawyer Whyalla’s business and enterprise program director email janet.sawyer@unisa.edu.au

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How happy are our campers?

by [Frances Van Ruth](#)

Researchers from the Centre for Environmental and Recreation Management (CERM) at UniSA, Parks Victoria, and National Parks and Wildlife SA have announced a Cooperative Research Centre for Sustainable Tourism grant to study campers in national parks.

The study is to develop a better understanding of campers in national parks, their service expectations, and to improve management of nature-based tourism at these destinations.

The research team aims to identify campers' expectations and perceptions of service quality and to better understand the process of knowledge generation and use by staff within national parks.

Attributes of customer service quality will be identified from numerous areas including; research by Australian national park and natural area agencies, relevant CERM PI information, camper focus groups, and interviews with research collaborators from Parks Victoria and National Parks and Wildlife SA.

A survey will be conducted over 21 days in April and May next year, incorporating up to 5,000 campers from five locations – Mount Remarkable National Park (Mambray Creek campground) in SA, Lake Eildon National Park (Fraser campground), Cape Conran Coastal Park, Mt Buffalo, and Grampians National Park in Victoria.

The second component of the research project is aimed at understanding how staff and researchers respond to the research process and the degree to which findings are implemented. Approximately 10 research team members from CERM PI, Parks Victoria, and NPWSA will be interviewed repeatedly during the research project, each asked to keep a 'learning log' in relation to various dimensions of the research process.

The reporting of findings to industry partners will occur at three levels resulting in five individual park reports, two regional reports and one consolidated report.

Anticipated benefits from this research project include: a record of the research process to better understand knowledge generation and management; identifying service quality gaps ; development of new research methods for national parks; better service provision to nature-based tourists; and more sustainable national parks as managed destinations. [Gary Crilley](#) is the lead researcher in the study and is a senior lecturer from the School of Environmental and Recreation Management..

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Earth shattering research to quake-proof buildings

by [Damien Rowett](#)



South Australia is not known for its seismic activity, yet the government is helping fund UniSA research into the strengthening of old brick walls.

Shih-Wei Chuang is almost two years through a Civil Engineering PhD study investigating methods of reinforcing masonry structures.

“The South Australian Government is quite concerned. The old buildings are unreinforced masonry, and not built to withstand earthquakes”, he said.

While the shifting of tectonic plates has not generally been a predicament here in Adelaide, the government is concerned by the potential damage should an earthquake suddenly strike, as was the case in Newcastle.

In 1989 an earthquake, measuring 5.6 on the Richter Scale, struck the New South Wales city. It killed 13 people and was estimated to cause over A\$4 billion in damages.

“In the Flinders Ranges there have been earthquakes that measured six on the Richter Scale but because no one was around there was no damage. The same thing in

Western Australia but the most famous case was Newcastle.”

The government, fearing a similar situation, hired EQE International in 1996 to assess the seismic resistance to government buildings in the Adelaide CBD.

The results showed a need to improve the resistance to potential earthquake damages.

Shih-Wei Chuang’s research addresses this problem with the use of Fibre Reinforced Polymer strips (FRP) attached to the un-reinforced masonry (see picture).

“The FRPs improve the structure’s ability to absorb the earthquake. It transfers the loading, increasing the strength, ductility and energy dissipation of the force”, he said. “The results from testing show an improvement with the FRPs. The walls are three or four times stronger than unreinforced walls”.

Shih-Wei plans to finish his testing next year and has received a Mawson Lakes fellowship that will enable him to go to Japan to further test his results.

Shih-Wei also holds a Masters degree in Structural Engineering from Cornell University in New York, his supervisor was the designer of the World Trade Center. He has also received a Bachelor of Civil Engineering, with first-class honours, from the National Taipei Institute of Technology.

Shih-Wei’s knowledge of earthquakes is excellent. After completing his Masters degree he worked in Taiwan retrofitting damaged structures after the Chi-Chi earthquake, that measured 7.3 on the Richter Scale.

His PhD research is part of the School of Geosciences, Mineral and Civil Engineering based at the Mawson Lakes campus.

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Chancellor's Awards for Community Service

Winners

The Development Office Team

in partnership with contributing organisations including St Andrew's Hospital, PodSquared, OneSteel Whyalla, Boulderstone Hornibrook, Gerard Industries, Built Environs, Whyalla City Council and Trojan

Team members: Yvonne Clark, Chris Michelmore (Connell Wagner), Susan Seymour, Troy Shiels, Desiree Utting, Sheila Bailey

Mothercarers Team

for their 'Post Partum Household Assistant Project' in partnership with the Foundation for Young Australians, the Department of Human Services, General Motors Holden, North West Adelaide Health Service, Lyell McEwin Hospital Campus, The Playford Partnership, TAFE Para West, Smithfield Plains High School and Centrelink

Team members: Annette Summers, Beth Grinter, Gus Dekker (Lyell McEwin), Di Beveridge (Lyell McEwin) and Cathy McDonald (Project Officer)

Podiatry Clinical Outreach Team

in partnership with the Nganampa Health Council, Umoona Health Service, Diabetes Outreach Services

Team members: Sara Jones, Helen Banwell and participating undergraduate podiatry students

Coorong Restoration Team

in partnership with the Ngarrindjeri people

Team members: Joan Gibbs, Richard Mills and participating undergraduate environmental and recreation management students

UNIQUE CONSTRUCTIONS TEAM

in partnership with the Patjarr Aboriginal Community

Team members: David Morris, Nick Opie (deceased), Matt Rumbelow, Gerhard Schurer, Oli Schulz (graduate), Nicko Young (graduate) and approximately 150 participating undergraduate architecture students

OCCUPATIONAL THERAPY COMMUNITY PROJECTS TEAM

in partnership with twenty nine community agencies

Team members: Susan Gilbert-Hunt, Sue Hartshorne, Merle Weston and fourth year occupational therapy students (2001)

SCIENCE AND TECHNOLOGY AWARENESS TEAM

in partnership with local northern Adelaide area schools including Urrbrae Agricultural High School, Windsor Gardens Vocational College and Smithfield Plains High School and industry partners including eLabtronics, ITEK and the Electronics Industry Association

Team members: Zorica Nedic, Andrew Nafalski, Ozdemir Gol, Graham Mitchell, Paul White, John Wilson, Jarrod Pitt (student), Ben Mercorella (student), Sahar Ardalan (student) and Priyamvada Ravindra (student)

SUZANNE MILLS FROM THE PORT LINCOLN ABORIGINAL AND ISLANDER STUDY CENTRE

in partnership with the Indigenous community and community organisations in the Port Lincoln Region

SPECIAL COMMENDATIONS

BOB HAWKE PRIME MINISTERIAL CENTRE 'VISIONS FOR A NATION' TEAM

in partnership with the Centenary of Federation Office

Team members: Elizabeth Ho and Louise Barnes

UNISA IBW 2002 TEAM

in partnership with Austrade and 15 individual organisations

Team members: John Kerr, Jennifer Clark, Allison Schwer, Sally Waterman, Rosemary McKay, Lucy Dodd, Christopher Pryor, Mathew Waterman, Cathy Hughes, Tony Spawton, Dianne Watts, Howard Harris, Saadia Carapiet, Robert Heath, Dennis Taylor

Commendations

- SORA (Supporters of the RUHSA – Rural Unit for Health and Social Affairs – in India)
- Cultural Diversity Project Team
- Regional Mental Health Plan Project Team
- Aboriginal Health Directorate Team, Spencer Gulf Rural Health School
- Survivors Organising Team
- Visual Communication Consultancy Team
- Weena Mooga Gu Gudba Family Violence Project Team
- Immunisation Course Team
- Centre for Research into Nursing and Health Care and ACH Group Team
- Kirsten Wahlstrom from Computer and Information Science
- Connie Barnes, Mall Walking Adelaide

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New chair pumps up water research

by [Michèle Nardelli](#)



South Australia will soon boast one of the highest concentrations of research expertise in water sciences and water systems in Australia. Support of \$1.75 million from SA Water combined with UniSA funding over the next five years will support research and a new \$2.65 million Chair in Water Sciences and Engineering at UniSA. The funding will boost UniSA research into storm water, wastewater management and water recycling, purification and desalination. Government Enterprises Patrick Conlon, pictured from left with Head of SA Water technology Jack McKean, UniSA's Pro Vice Chancellor for IT, Engineering and the Environment [Professor Robin King](#), and SA Environment Minister John Hill, announced the foundation of the new chair during National Water Week. The position will be advertised internationally.

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McKay to advise Singapore on water pricing

by [Geraldine Hinter](#)

The Director of UniSA's Water Law and Policy Group, [Professor Jennifer McKay](#), has been awarded a prestigious contract by the Singapore government to undertake a study on the sale of water across international and interstate boundaries in the Asia Pacific region.

An international expert on the legal aspects of water supply arrangements, Prof McKay will assess the region's water supply arrangements intrastate and internationally; describe the quality of the water, raw and treated; the pricing mechanism and approach, and assess the value of the water for Singapore's Public Utilities Board. Malaysia currently supplies raw water to Singapore where it is then treated. Some of the treated water is used in Singapore and the remainder is sold back to Malaysia.

"We will determine the value of the water and give the Public Utilities Board advice on pricing methods and how to draft their own water supply agreements," Prof McKay said.

As part of the contract, Prof McKay and researchers from the Water Law and Policy Group and the School of International Business will conduct five case studies to look at what and how environmental and catchment protection measures are embedded in Singapore's water supply agreements with Malaysia.

Prof McKay's expertise in water policy and law has also been recognised in Texas, where she was presented with the key to Adelaide's Sister City of Austin and made an honorary citizen.

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Our people - [Roger Harris](#)

History is the stepladder for the future. It is important to me – my degrees were in that discipline. So I derive great satisfaction from reflecting that my great grandfather (Charles Hope Harris) was a lecturer in this institution (Surveying, School of Mines) in the 1890s and that I am also, a century later, on staff at this same institution.

And it is also with great satisfaction that I reflect that I will have served the Underdale Campus from its beginning (1976) to its end (2004). Some may believe that such long service is not something to boast about – but I see it differently (and good on the University for celebrating long service last year).

I believe that service, loyalty and the ‘wisdom’ that comes from an understanding of the history of the institution are important features of organisational life that are too rapidly becoming lost and downplayed in modern corporatism. I think the loss of corporate memory and loyalty in the rush to ‘right size’ and rationalise economically is very sad indeed.

In my career at Underdale, I have witnessed many changes. The campus has been through four institutional name changes, and I have been involved in too many faculty clusterings to mention here. Particularly in Education, there have been many schools, but now – just happening – there will be for the first time only one School of Education in this University.

My students over the years have nicknamed (hopefully endearingly!) the campus as



'Wonderdale', 'Bonehead College' and 'The Celery Patch', but it has continued to provide high quality education to many thousands of professionals.

As I reflect now, one word stands out – pressure. There used to be a time when my colleagues and I could find space in our week to play squash on Henley Beach Road or tennis in the University gym across the river – but not now. Working life is full on!

But the University remains a great place to be. For me, it has provided friendships, variety and flexibility in work, and wonderful opportunities for research, leadership and travel – and of course, I could not survive the pressure without the flat whites at Pat's Patch!

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Better designs through far sited teaching



Paul Pholeros, right, with architecture students at the Coffin Bay master class.

Architecture and interior architecture students from the Louis Laybourne Smith School of Architecture and Design recently had a chance to put theory to practice when they travelled to the picturesque Coffin Bay on the Eyre Peninsula to take part in a week long master class with acclaimed environmental architect Paul Pholeros.

Supervised by lecturers [David Morris](#) and [Matt Rumbelow](#), the students camped and worked together with the clients on site to design an environmentally sympathetic family home incorporating permaculture principles.

Pholeros says the process of using 'real world' projects and learning through 'doing' has a profound influence on the students, staff and community involved.

"In a national architectural education environment where programs are becoming more remote from the communities in which they exist and more focused on abstract design teaching, projects such as this provide an important alternative," he said.

Matt Rumbelow said the tasks were designed not only to improve the student's ability to communicate with clients and work in a team, but to think on their feet and learn when how to deal with pressure.

“With only three days in which to develop a plan, the students had to come up with quick, intuitive solutions. It is common for students to labour on their concepts and get side-tracked, but the truth is sometimes your best designs are your first designs.”

The project was an opportunity for students to design for specific environmental conditions that most had never experienced, especially for one of the six international students who made the trip, Norwegian interior architecture student, Stine Haugland.

“It was interesting to be thinking about things like fly screens, whereas in Norway we’re more concerned with double glazing,” she said. “It’s nice to see the difference because it makes me realize what I take for granted.”

More information about the master class programs can be found at www.archdesign.unisa.edu.au/masterclass/

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Tributes

[Dr Margaret Tobin](#)

Many will be aware of the tragic death of the Director of Mental Health in South Australia, Dr Margaret Tobin.

Dr Tobin graduated in medicine from the University of Melbourne in 1978, and she completed postgraduate training as a psychiatrist in 1986. After holding clinical and administrative posts in Victoria and New South Wales, she was appointed to head the state's mental health services in July 2000.

Doctor Tobin constantly advocated for the most disadvantaged, marginalised and alienated people in our community and her efforts often focussed upon education. Through more informed and compassionate awareness of mental health issues she was determined to bring about improved services for people alienated by mental illness. She supported staff and students from the School of Nursing and Midwifery and Spencer Gulf Rural Health School (among others) in the areas of clinical research and education. One of her major contributions was in the form of financial and logistical support to UniSA staff to develop educational models in transcultural mental health. She strongly supported culturally and linguistically diverse communities, including consumers and carers to work with mental health professionals to learn about coping with mental health issues, early intervention to prevent problems of living and what practical help they can give themselves and members of their family. This collaboration has since influenced the education of health and human service professionals in South Australia, New South Wales, Victoria and Queensland.

Dr Tobin was an outstanding person who was determined to break down the prejudices, ignorance and fear surrounding mental illness and to advancing health services for the mentally ill. Her legacy will be the much improved mental health services for all South Australians.

[Assoc Professor Nicholas G Procter](#)

School of Nursing and Midwifery

Josh Deegan

Former classmates and lecturers were shocked and saddened to hear of the passing of Josh Deegan (pictured right, with Stuart Graham, left, at their graduation), who died as a result of the Bali bombings on October 12.

Josh graduated from UniSA with a Bachelor of Applied Science (Human Movement) in 2000, and went on to use his degree in his work managing an Executive Fitness Management franchise.

He is remembered as an honest person, a loyal mate and someone who looked for the best in everyone.

Sport was his life, and when he wasn't at work or playing for Sturt Football Club, he loved golf, mountain biking and body boarding. One of his favorite pastimes while at UniSA was playing table tennis with his friends in the cafeteria at Underdale.

Friend, fellow footballer and former uni colleague Stuart Graham (pictured left, with Josh at their graduation), said Josh would be remembered for his strong work ethic and positivity.

"Josh had an enormous network of friends and he would go out of his way to make time for all of them. He never had a bad word to say about anyone and he always gave 100 per cent to everything he did, whether it was at uni, work, or on the football field," he said.

Kathryn Jackson, UniSA lecturer in nutritional science and applied sports nutrition, remembers Josh as a "quiet achiever" who was well mannered, polite, and popular.

"He was a talented sportsman, a delightful young man, an excellent student, and it's just so sad that such a promising life has ended so suddenly," she said.

The University of South Australia extends its deepest sympathies to Josh's family, friends, and all those who knew him.



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Academic Board

The following was noted at the October 2002 meeting of the Academic Board.

Commercialisation initiative for the University of South Australia

The Executive Director of Business Development, Mark Hender, delivered a special presentation on a new commercialisation and innovation strategy for the University, which will involve the implementation of an integrated framework for the management of intellectual property, and the introduction of a new model for managing our commercialisation initiatives from 2003.

The University made its first major commitment to the commercialisation of intellectual property through incubation when it established ITEK in 1999. However, in reviewing the University's approach to commercialisation of intellectual property it became evident that we could make improvements to how commercialisation is managed.

In September 2002, University Council endorsed a paper from the Director of Business Development, which reaffirmed the University's commitment to commercialisation of intellectual property, and supported the broad strategy for commercialisation and innovation proposed in the paper.

Commercialisation is seen as an important future source of income for the University, which will help to offset the impact of declining Commonwealth Government funding for our core activities, and also reduce our dependence on income from international activities.

The University looks towards a range of methods to achieve its strategy including the formation of spin-off companies, licensing and the sale of intellectual property. In doing so, the University not only seeks returns for itself, but also for the staff and students involved in the creation of intellectual property and the community generally. Indeed, success in commercialisation realises the maximum value of the University's intellectual capital for the community.

Key elements of the new strategy, which will be implemented on a trial basis in 2003-2004, are the implementation of an integrated framework for the management of intellectual property from early stage research through to commercialisation.

ITEK will become responsible for all aspects of the management of our intellectual property, not only incubation, and the Executive Director for Business Development will chair the company to provide the necessary bridge between ITEK and the University.

Two new areas will be created in ITEK. A new Technology Management Group will be established to assume responsibility for managing all aspects of intellectual property. In addition, a new Commercial Group will be set up to provide an enhanced centralised commercial and legal capability for the University, that will build on the current functions of the legal officer located within the Research Services Unit.

The future earnings stream of ITEK will be used to create a Commercialisation Fund to support the commercialisation of intellectual property through incubation. A Commercialisation Panel will also be established, which will include representatives from the business community, to advise on decisions for investment from the Commercialisation Fund.

ITEK will be restructured to act as a holding vehicle for the University's investments and external companies, and a new subsidiary will be created to provide incubation, incubation training and business coaching services.

ITEK will also support research marketing, with the Marketing and Development Unit providing \$60,000 to produce a research marketing toolkit. The toolkit will provide a valuable marketing resource for research centres.

It is anticipated that eventually, up to three new businesses will be created each year as part of the new commercialisation initiative.

The University has agreed to make a significant resource commitment to support commercialisation of intellectual property, and success in the initiative will be crucial in underpinning our longer term prosperity in an increasingly tight funding environment. At the same time, it will enhance the University's reputation as a centre of excellence in research, innovation and commercialisation.

Teaching and learning priorities 2003

Academic Board approved new Teaching and Learning Priorities for 2003. The new priorities will build incrementally on the Teaching and Learning Priorities for 2000-2002, and are derived from the Corporate Priorities established for 2003 and approved by Council in August, which include research education, transnational education,

budgetary frameworks, workloads and productivity and the Northern Adelaide Initiative.
Review of teaching and learning awards and grants

The final Report of the External Review of Teaching and Learning Awards and Grants was received. The recommendations arising include, inter alia, the establishment of a new system of Teaching and Learning Awards for Early Career Achievement, Scholarly Teaching and Excellence in Teaching. In addition, the criteria for awards and grants have been revised, as have the selection processes.

[Peter Cardwell](#)

Executive Officer

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UniSANEWS deadlines 2003

Issue

Feb (with Students@UniSA insert)

Advertising/copy deadline

Distribution

March (with The Graduate insert)

Friday Jan 24

Friday Feb 14

April (with Students@UniSA)

Tuesday Feb 25

Friday March 14

May (with The Graduate)

Tuesday March 25

Tuesday April 15

June/July (with The Graduate)

Thursday April 24

Tuesday May 15

Friday June 20

Monday July 7

August (with Students@UniSA)

Friday July 25

Friday August 15

Monday August 25

Monday Sept 15

September (with The Graduate)

Thursday Sept 25

Wed October 15

October (with Students@UniSA)

Monday October 27

Mon Nov 17

Nov/Dec (with The Graduate)

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UniSA News

Guidelines for contributors

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Unsolicited submissions are welcome, but publication is not guaranteed. Normal editorial rights to cut copy apply. It is recommended that you contact the editor to discuss your idea first - it may not be suitable, or there may already be someone working on a similar story.

Word limits

Articles can be anywhere from 100 to 600 words.

Deadlines

[Click here for specific dates](#), but generally the deadline for contributions is the 25th of each month before publication (eg: for the August/September issue, deadline is July 25), with distribution on the 15th.

Audience

Consider the audience when preparing submissions. *UniSA News* not only goes out to UniSA staff, but also registered alumni (when *The Graduate* is included), and a 'corporates' mailing list, which includes members of parliament, journalists, careers counsellors, and friends of the university. *UniSA News* is also distributed in cafes, shops etc around Adelaide. Therefore it is important not to assume that all of the readers have an intimate knowledge of UniSA. Spell out acronyms in the first instance and avoid jargon. (If you must use jargon, at least explain it in plain English).

Timing

Timing is of utmost importance. Consider when the article you are writing may appear in the publication. For example you may want to publicise something happening in early August, but the August edition doesn't come out until the 15th and the deadline is July 25, in which case you need to get information about your event in time for the July issue. In some cases correct use of tense (with the distribution date in mind) will overcome some

timing issues. In others you may need to consider an alternate way to get across your message – via email, posters etc.

If writing about an event that has already occurred, please submit as soon as possible after the event – stories that are months old by the time they are submitted will not be given the prominence of more timely articles.

All articles must be approved by the people quoted in the article.

Photographs

Some tips to maximise your photo's chance of being published:

If you are photographing a person, in most cases you should go for a mid shot (above the waist). Take your time and take a few shots, try it from different angles, so you've got some choice later. Use an interesting prop or background. No more photos of people in front of signs please (unless it's a stunning professional shot, or the person you're photographing is actually a sign writer). If you're using a digital camera, switch the quality to as high as you can. Large groups of people can be a problem – it's rare that we have the space to blow them up large, so if you must get 10 people in a shot, try it with one or two people in the foreground and the others in the background.

Photographs are used with the permission of the photographer. If you are sending in a photo, please include a caption, along with the photographer's name, making sure you have permission from the photographer. If emailing photos, ensure they are sized appropriately (about the size it should be published) and at least 300 dots per inch, in jpeg or tiff format.

Once again, normal editorial rights to choose what photos to publish (according to quality of the photo, significance of the event/research, and space available), apply.

Advertising

Advertisements (for organisations outside of the University) can be booked through KRL media ph: (08) 8231 5433 fax: (08) 8212 1238 email: krl@katron.com.au

If you are from within the University and want to place an ad, contact the editor on 8302 0578. Classifieds are free for UniSA staff members.

News values

The following is an excerpt from the 'Understanding the Media' section on the MDU website. For greater detail go to http://www.unisa.edu.au/mdu/forstaff_mediarepub.htm and click on the understanding the media link (staff access only). It was written with the external, mainstream media in mind, but many of the same principles also apply to UniSANews.

The term news as defined in the Australian Macquarie Dictionary is a report of any recent event or situation. However, the difference between what is technically news and what the media may classify as newsworthy is often vast. There are many shades of news, from the hard hitting disaster story, to the octogenarian who breeds cockroaches for an annual race at Tibooburra. The one thing all news has in common is a sense of action. What newspaper and radio journalists look for are stories with these qualities - action, controversy, change, potential, immediacy.

If you expect to attract attention to a story about something that happened last month or a visit from an important academic last week - think again. Similarly, it is difficult to attract media attention for a plan - they will only be interested when the plan or program takes shape.

News must be timely, it must have aspects that relate to the world around us. Finding the news in meetings - conferences - small-scale changes or concepts for programs can often be difficult. More often than not the news will be in the recommendations, outcomes and keynote speakers - where the action is.

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