



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News index](#)

UniSA News

A newspaper of the University of South Australia

September 2002 issue

[Extras](#) (additional online stories)

[Colgan's Cryptic Crossword](#) (with solution)

Regular sections

- [From the VC](#)
- [News in brief](#)
- [Five to nine](#)
- [Browserbriefs](#)
- [Events](#)
- [Lifelines](#)
- [Classifieds](#)

Main stories

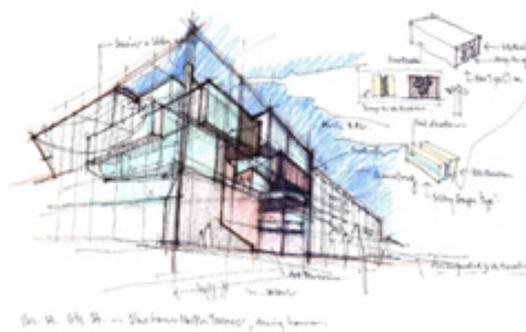
Game on for augmented reality researchers

Fancy running around outside with a wearable computer shooting digitised monsters as they lunge towards you from behind the student bar of a real world university campus? Well now is your big chance. [Full Story](#)



\$100m development a step closer

Initial designs for UniSA's \$100 million Blueprint 2005 development have been released, giving a taste of transformations to take place on campuses over the next three years. [Full Story](#)



Uncovering the Murray's flood history

Described as the greatest catastrophe in South Australia's history, the 1956 River Murray flood is the largest ever recorded in our state. Now UniSA researchers are causing more than a ripple with a new wave of investigations revealing an even greater prehistoric flood. [Full Story](#)



Forensic psychology gets emotional

The person in the street would probably expect that human emotion would be a central topic for research in psychology.

[Full Story](#)



Natures Teaser holds scientist's interest

The mystery of why a chicken produces a shell with an organic membrane that protects the egg white and yoke is one of the teasers of biotechnology that keeps internationally renowned scientist, Professor Peter Majewski, guessing.

[Full Story](#)



Extras

[Fulbright scholar's visit a coup for UniSA](#)

For members of UniSA's Centre for Applied Economics and School of International Business, the recent visit of Professor Lawrence White as a Fulbright Scholar to UniSA was nothing short of a coup.

[E-team gets a taste of uni life](#)

Four Adelaide High School students enjoyed a taste of university life last month when they spent a week at UniSA as part of project designed to give students workplace skills.

[Women singers wanted](#)

A call has been made for UniSA women to join a choir being formed to sing at this year's Clare Burton Memorial Lecture.

Other stories

[An eye-opening exchange](#)

They may be studying to become accountants, bankers and economists, but there was much more than numbers on the minds of 18 young Austrian students who were in town last month as part of an exchange between UniSA and Vienna University of Economics and Business Administration

[Record Business Week tally nudges the 3000 mark](#)

Whether you were a business person hoping to exploit export potential, someone keen to start a new venture in a rural area, or just a person who enjoys a good glass of red, the 14th annual International Business Week had something for everyone

[Forget the waffle, crunch the numbers](#)

To say the newly appointed Head of UniSA's School of Marketing, Professor Gus Geursen, knows a thing or two about communicating with mass markets would be something of an understatement.

[Getting the balance right in multimedia](#)

Since the 1980's participation rates of women in higher education computing worldwide have declined to an all-time, current low of 20 percent.

[Ever the Twain shall meet](#)

Mark Twain once observed that he never let his schooling interfere with his education. Given the state of formal learning in the US in the mid-nineteenth century, one could hardly blame him.

[Encouraging a fair go in Malaysia](#)

UniSA's School of International Studies has appointed its first full time off-shore staff member to head a new program offering work skills to disadvantaged Malaysians.

[Rewarding service and excellence](#)

Nominations are now being called for the 2002 Chancellor's Award for Community Service and the Vice Chancellor's Award for General Staff Excellence

[Bill Board](#)

Open day attracts 10,000

South Australia's Footy Showdown on Sunday, August 18 did not stop more than 10,000 people from flocking to UniSA's City West Campus for Open Day 2002.

It's in the cards

When Nicole Kennedy, a technical assistant at the de Lissa Institute at Magill campus, gives you her card it is likely to be one she made herself

[Our People - David Round](#)

I recently joined UniSA from the 'other end' of North Terrace - I had been at the University of Adelaide for 30 years. The change has not been far in spatial terms, but in almost every other aspect life is now quite different.

[Academic Board](#)

[Research update](#)

October 2002 issue of UniSANEWS

Closing date: 25 September 2002
Distribution: 15 October 2002
Copy should be sent via email
to unisa.news@unisa.edu.au

Copy should be sent by email to unisa.news@unisa.edu.au
or disk to UniSANEWS, Marketing and Development Unit, City West.
Include all related files, such as pictures, non-standard fonts (screen and printer), logos, other
graphics.

Editor:

[Charlotte Knottenbelt](#), ph (08) 8302 0578

Research and Events columns editor:

[Karen Williams](#)

Design:

Visual Communications Consultancy
South Australian School of Art

Desktop publishing:

Brian Donaghy, [Karen Williams](#)

Contributions to UniSANEWS including articles and photographs are welcome but will be published at the discretion of the publisher (UniSA's Marketing and Development Unit) and the editor. The University takes no responsibility for accuracy of or omissions in any material published. No article or advertisement published necessarily reflects the views of the University, the publisher or the editor.

[▲ Back to top](#)



[For staff](#)

[For the media](#)

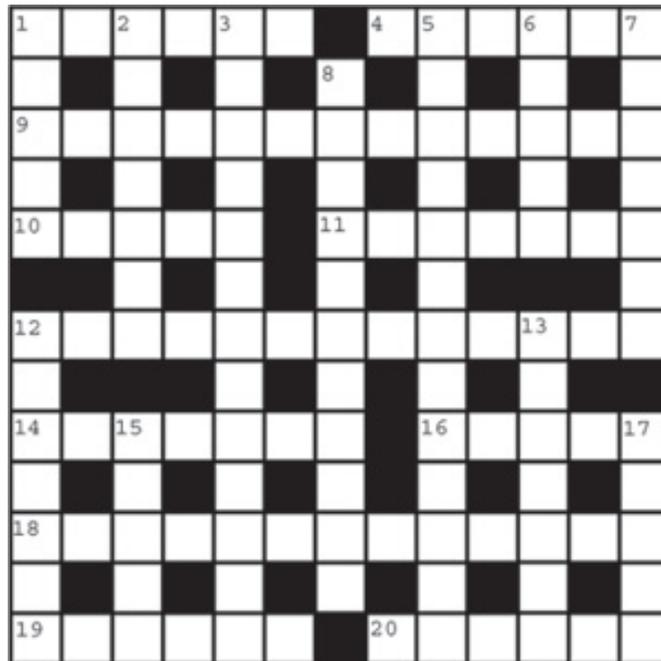
[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Colgan's Cryptic Crossword



ACROSS

1. Settle, receive a cue, and take off! (6)
4. Dim fool pockets one pound (6)
9. Local headquarters have affected a trail in mountains (6,7)
10. Writer has large article of dress (5)
11. Gain possession of test components (7)
12. Old-timers have duties in naval manoeuvres (13)
14. Rent-a-party has a class at the regatta (7)
16. Machine to stretch one's neck (5)
18. Delegates aim to interrupt visitors (13)
19. The standard required of a sailor (6)
20. Mineral aggregate spotted behind cheat (6)

DOWN

1. Takes off bullies; not on! (5)
2. It's introduced in defence of a portion of butter (7)
3. Shifty business grew at English town (6-7)
5. Is Nike hurt by success? (6,7)

- 6. One who entices sovereign into Left/Right switch (5)
- 7. Are such people worth their weight in gold? (7)
- 8. Lodge part of division in front of parliament (11)
- 12. Possibly a composition (7)
- 13. Produced a leading American film (7)
- 15. Founder with philosophical American uncle (5)
- 17. A salty course? (5)

Win a \$100 bottle of wine

For your chance to win a bottle of 1993 Clarendon Hills Shiraz, fax your completed Colgan's Cryptic to Len Colgan at (08) 8302 5785 by Tuesday, September 24. Last month's winner was Corrine Stone.

Solution

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P | A | R | O | D | Y | | T | W | I | L | I | T |
| I | | A | | O | | S | | I | | U | | A |
| C | A | M | P | U | S | C | E | N | T | R | A | L |
| K | | P | | B | | H | | G | | E | | E |
| S | H | A | W | L | | O | V | E | R | R | U | N |
| | | R | | E | | O | | D | | | | T |
| A | N | T | E | D | I | L | U | V | I | A | N | S |
| R | | | | E | | H | | I | | M | | |
| T | O | R | N | A | D | O | | C | R | A | N | E |
| I | | E | | L | | U | | T | | D | | P |
| C | O | M | M | I | S | S | I | O | N | E | R | S |
| L | | U | | N | | E | | R | | U | | O |
| E | N | S | I | G | N | | G | Y | P | S | U | M |

[▲ Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

[> Publications > UniSA News September 2002](#)

From the Vice Chancellor



Corporate Plan

The University's Corporate Plan 2003 gained the support of Council at its August meeting.

The University has moved from detailed annual plans to medium-term (three-four year) strategic plans. We hope this approach will lead to greater engagement in the process across the University.

2001 was a good year for UniSA. We saw the results of our efforts to increase revenue and contain costs. Revenue exceeded budget projections and we achieved a net consolidated result of \$6.89m. This robust financial performance was matched by improvements in graduate satisfaction with teaching and in research performance.

UniSA can demonstrate it is a flexible, innovative, responsive and responsible organisation in every aspect of its operations. Achievements included:

- Internationalisation of the University proceeded more rapidly than we had predicted and now over 25 per cent of our students are citizens of other countries
- we met our 2005 target for involvement in seven Cooperative Research Centres (CRC) four years ahead of schedule
- we are the first Australian university to have a partnership with TMP Worldwide to provide an international online careers service for graduates – Experiencebank
- the number of new students entering through our access program – USANET – increased to over 500

- 99 per cent of our clients for research and consultancy services reported they would recommend the University to others
- Learning Connection has made student support available online 24 hours a day
- our International Office was restructured to provide strategic oversight of all aspects of our international activities
- we implemented a new student administration system which allowed 70 per cent of continuing students and 40 per cent of new students to enrol off campus at the beginning of 2002.

Our intentions for the future build upon our strong achievements in 2001. Some issues of concern that have been taken into account as part of the University's planning include: decreasing Australian student demand, managing quality in transnational education, managing the research training scheme, increasing workloads, unsatisfactory graduate employment outcomes and the potential implications of deregulation.

The University has identified five corporate priorities for 2003:

- Transnational education
- Productivity and workload
- Research education
- Costing and profitability analysis
- Northern Adelaide strategy

We will also focus on a range of priorities in our three core business and support areas:

- In teaching and learning we will work towards: tapping into alternative sources of student demand; improving student satisfaction; improving our program profile; remaining innovative in all aspects of delivery (content, support and delivery modes); improving graduate employment outcomes and continuing to strengthen the adoption and promotion of our graduate qualities.
- In research and research education we will focus on: improving

research degree completions; change and renewal; further developing our mature research concentrations; building new skills and new alliances internally; strengthening industry links; and increasing commercialisation activities.

- In relation to our people and resources we will work towards:
creating a safe, fair, productive and innovative workplace; providing services 24/7/52; increasing and improving online services; engendering internal alliances; building better physical facilities; and creating environmentally sustainable facilities and services.

Corporate Planning was improved significantly this year through the incorporation of medium-term (three year) financial planning, led by Paul Beard, Executive Director: Finance and Resources. This ran parallel to the corporate planning and resulted in the development of the 2003 Budget.

All Divisions and Units have developed medium-term financial and strategic plans. Next year Divisions and Units will only need to provide minor updates of their strategic plans, as part of their annual review.

As we head towards 2005, everyone in the University is involved in achieving our goal. All of us can help to make UniSA an even greater success than it is at present.

[Professor Denise Bradley AO](#)

Vice Chancellor and President

[▲ Back to top](#)

[For staff](#)[For the media](#)[For alumni](#)[For potential donors](#)[For prospective international students](#)[> Publications > UniSA News September 2002](#)

News in Brief

Students win place in the Sun

Electrical and Information Engineering (EIE) students at UniSA's Mawson Lakes campus are in a unique position to gain industry project experience in designing complex hardware and software for real time applications thanks to the support of Sun Microsystems.

The computer giant has donated 20 Sun Blade 100 workstations to UniSA worth more than \$100,000, providing the foundation for one of the most advanced real-time labs of its kind in SA.

EIE head of school, Professor Andrew Nafalski, says the equipment grant from Sun Microsystems would allow students to build a level of real world experience in systems design that had not been possible before.

"With the introduction of the workstations our students will have the computer grunt to work on complex computer systems design projects and our aim will be to forge collaborations with industry so that the projects they are working on have application in the working world."

Prof Nafalski said one of the key experimental advantages of the new lab is that students and staff could work on experiments via the internet so that distance was no barrier to education and research.

Prof Nafalski congratulated Sun Microsystems on its strong investment in education and its ongoing support for the development of next generation professionals in the engineering and IT industries. The support of John Noonan, National Education Business Development Manager from Sun, was decisive in winning the grant.

Warm welcome for international students

More than 500 new international students from 42 countries were welcomed to UniSA recently in what has been pronounced the most successful International Student Orientation.



Held at City West, the orientation was a culmination of months of planning and organisation by Learning Connection International Student Advisory Services staff.

The program included workshops on topics such as successful study; managing money; safety, driving and legal issues; and 'South Australia's Secrets'. There was an accommodation help room staffed by student volunteers, special sessions for postgraduate students, and 18 information booths.

Social events included a welcome reception at the Townhouse on Hindley, Lebanese lunch and Aussie barbecue, as well as bus tours to Cleland Wildlife Park, the Adelaide Hills and Port Adelaide.

Each campus had its own orientation program, where students could meet with staff and other students from their discipline.

Project officer Kate Borrett said the orientation program had been a success thanks to cooperation across service units.

"Thank you to everyone involved, especially the student 'buddies' who assisted new students to look for accommodation, make contacts and find their way around UniSA," she said.

Digital resources online

A new facility to enable students to access electronic copies of articles from course readers is currently being developed by the library.

The Digital Resource Management Centre can digitise and record course readers, making it possible to access readings from any computer on campus, or from home.

Project manager Sharron Zuodar said that the new system allowed readings to be stored as individual items, and that they could be accessed through the library's catalogue and in some cases through UniSAnet.

"This makes it quicker and easier for students to obtain materials. There will be no

more queuing, and no disappointment because the material is lost or stolen or someone else is already using it," she said.

Academic staff who want their course materials available online should contact the Digital Resource Management Centre on 8302 6549 or email drmc@unisa.edu.au

Teachers under pressure

A report by a UniSA researcher highlighting the pressures faced by teachers will be used by the Australian Capital Territory branch of the Australian Education Union to argue for better pay and conditions for teachers and improved consultation in upcoming enterprise bargaining negotiations.

To Much with Too Little: Shift and intensification in the work of ACT teachers, written by the School of Education's Dr Lew Zipin, says that teachers in the ACT are struggling to keep their focus on teaching and learning in the face of ballooning workloads.

Based on focus group sessions held with 40 teachers randomly-selected from ACT AEU membership, the report cited resource starvation; successive waves of reform without enough consultation; and the increasing needs of students and families due to shifting socio-economic prospects, as some of the reasons for teachers' growing malaise.

In the wake of administrative staff cuts and increased departmental demands that have characterised a shift to school-based management, principals were so busy that junior staff were often left to run schools, taking on roles that they were not ready for.

Dr Zipin said he hoped the report, which was commissioned by the ACT branch of the AEU with research assistance from the Australian National Schools Network, would help bring about changes to ease the pressure on teachers.

"Teachers are struggling against great odds to have the time and support they need to do good quality teaching, and they're paying many prices for it including costs to their health and families," he said.

[For staff](#)[For the media](#)[For alumni](#)[For potential donors](#)[For prospective international students](#)[> Publications > UniSA News September 2002](#)

Five to Nine

Quiz night uncovers the real brains at UniSA

Competition was fierce in the build up to Brain Drain 3, UniSA's annual staff quiz night, that sought to discover the real brains behind UniSA for 2002.

The Magill Library team was eager to retain their crown, with the union equally determined to recapture the title they had surrendered last year. There was a horde of well-credentialed challengers primed to stake their claim. The smart money said that Assurance Services had done their homework and were the team to beat. For other teams, like the Human Resources and Marketing and Development Units, it was a matter of salvaging some pride and seeking a measure of respectability to prevent becoming the laughing stock of the quiz night circuit.



Tempo Services had stepped in as proud sponsors of Brain Drain 3, ensuring that all proceeds (\$3,000) would go towards UniSA's Research for Life appeal.



An international theme for the occasion added a touch of colour to the quiz arena (aka Magill Kaf). Quizmaster Gerry Clarke (pictured left) was valiant (albeit unsuccessful) in his attempts to control the Master of Mayhem, 'Uncle Ian' (Jeff Kasparian) as he danced and pranced, sang, kidded, cajoled and bullied quiz combatants. Staff member and opera performer David Cox delivered a stirring rendition of Advance Australia Fair and all was in readiness for the first question.

'What US President claimed a tax deduction for the underwear he donated to the Salvation Army?' The brains and conversations were in overdrive.

'What was the name of the villain in the TV cartoon series, 'The Wacky Racers'?' The contest was on in earnest.

'What is the name of the piece that is flipped into the cup in Tiddly Winks?'

Brain Drain 3 was going down to the wire.

The winning team was French Connection (pictured right), representing the Human Resources Unit. The issue of where the real brains of the University belong had been settled for another year. It is back to the drawing boards for other teams.



If you are looking for the answers to the questions above, they are Bill Clinton, Dick Dastardly and the Wink. If you correctly answered all three questions please nominate for the annual quiz draft as there are teams that desperately require your services.

[▲ Back to top](#)

[For staff](#)[For the media](#)[For alumni](#)[For potential donors](#)[For prospective international students](#)[> Publications > UniSA News September 2002](#)

Browser Briefs

From the mythical to the frivolous

www.astrology.com/ - So what actually does happen when the moon is in the seventh house and Jupiter aligns with Mars? Right now we could well make a fervent wish for peace to guide the planets, but if it is just a little personal divining you are after, you can't go past astrology.com. This site is an all around a bit of astrofun and while serious astrofreaks might get drawn into the fee for service items, there is a range of free readings on offer, including one calculated on your exact birth date, place and time. So dust off your birth certificates, ring hospital records and get the minute you were born on file and enjoy the results of your free personalised horoscope with the charts and funny symbols and all! The site also has links to your Chinese astrology, karmic readings and other things mystical and frivolous.

▲ [Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Classifieds

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

For sale

TREO Simplify The Handspring TREO integrates mobile phone, Palm OS organizer and wireless data in one compact communicator. Brand New, \$700 ONOContact Teresa 86476044

Brand new red ladies mountain bike \$130.00 ONO Phone: 0418 889 797

House sitter

Are you looking for someone who you can trust with your home and treasures? Look no further! I am an animal lover, non-smoker and experienced house sitter. Excellent personal references are available for your perusal. 3mths minimum. Mobile: 0402 253 658.

For lease

Brand new City quality 3-storey townhouse, near Market/Parklands. 3 bedrooms, 3 baths, balconies, garage u.m.r., weekly rental bid from \$360 p.w. Ph 8373 3629

▲ [Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Game on for augmented reality researchers

by [Geraldine Hinter](#)



Using a gun with simulated recoil, you will be able to destroy the bloodthirsty aliens in a new game produced by students from UniSA's School of Computer and Information Science.

The ARQuake system, developed by Wayne Piekarski and Ben Close under the supervision of Associate Professor Bruce Thomas, is one of the first systems in the world that allows users to play augmented reality games outdoors. Augmented reality allows viewers to move around in the physical world while experiencing computer-generated graphical monsters and other objects.

ARQuake is an extension of an existing virtual reality desktop-based game, Quake, where a player moves around a virtual or artificial world using a monitor, keyboard and mouse to shoot at monsters, collect objects and complete objectives.

"In ARQuake we take the monsters out of the Quake game and allow them and the players to roam around a real environment. This augmented reality process involves

overlaying and aligning computer-generated graphics and images onto a real-world view and allows users to have 'X-ray vision', visualising objects that may not be visible in the real world," Piekarski said.

In developing ARQuake, students from the Wearable Computer Lab, part of UniSA's Advanced Computing Research Centre, started by mapping Mawson Lakes campus, building a Quake environment out of it and adding the digitised monsters.

"The software has been set up so that when the players move in the real world, the Quake world moves as well, keeping the two aligned," Prof Thomas said.

"Players in the game wear a transparent head-mounted display with an internal mirror that combines the computer-generated images with the player's real-world view."

This display is combined with a wearable computer equipped with a specially modified version of Quake, a digital compass, GPS satellite position tracking, and a custom made plastic gun. When integrated, these components allow players to control the computer while moving around in the real world.

Equipped with the ARQuake system, players can sneak up on digitised monsters hiding behind real buildings by peering around corners and shooting them with real-life (plastic toy) weapons, before these monsters take a piece out of the attacking player.

Games are just one of the applications of the research being done at the Wearable Computer Lab. The lab's main activity is to perform research into the use of augmented reality computers outdoors using a software known as Tinmith-evo5, created by the 24-year-old Piekarski. The system can model large 3D structures outdoors in a natural and intuitive way, and has a large number of possible applications in the future such as surveying, building construction, disaster relief and defence. The work has been presented at a number of international conferences and is some of the first in the world in this area.

"In recognition of his outstanding research, Wayne has been named one of three finalists for the inaugural Australian Computer Society Eureka Prize for ICT innovation. The prize is awarded to an individual, team or organisation for outstanding development or implementation of projects related to the Information and Communications Technology," Prof Thomas said.

"To reach the finalist stage for this prestigious awards is an outstanding achievement and confirms what we already knew - that Wayne Piekarski's AR research is truly world-class."

For more information on the Wearable Computer Lab's projects, visit the website <http://>

[▲ Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

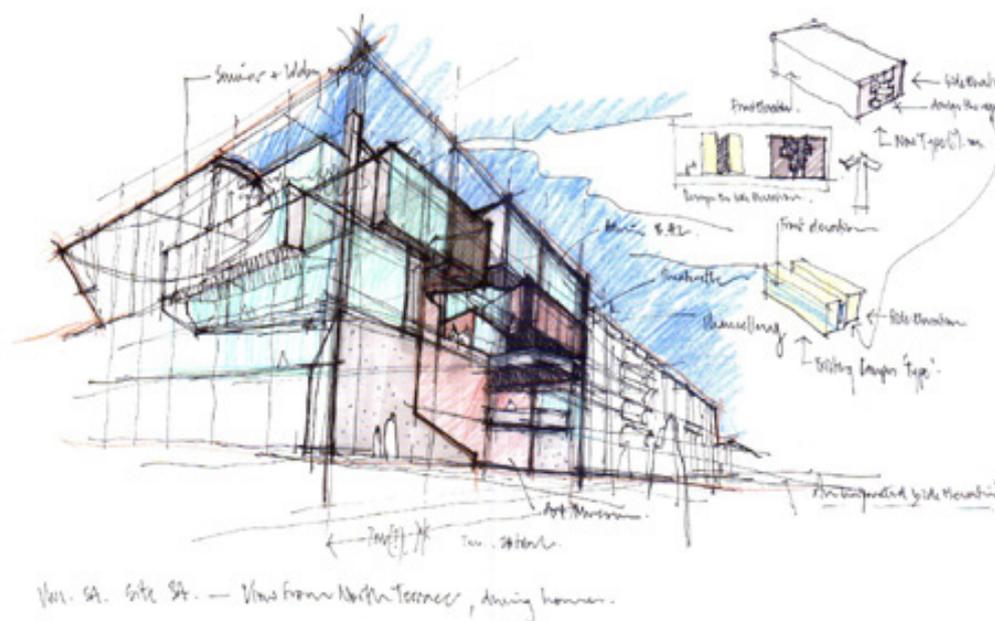
[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

\$100m development a step closer

by [Charlotte Knottenbelt](#)



Early designs by John Wardale Architects show a view of City West Campus from North Terrace

The development will see the construction of the second biggest art gallery in South Australia, new state of the art pharmaceutical laboratories, lecture theatres at City East and Mawson Lakes and a 450-seat auditorium at City West.

Library extensions for City West and Mawson Lakes Campus, a building to house the Bob Hawke Prime Ministerial Library, and new accommodation for the Louis Laybourne Smith School of Architecture and Design, SA School of Art, and part of the School of Education, are some of the other major works being planned.

Some plans have been revised, with the School of Physical Education, Exercise and Sport Studies now to be relocated from Underdale to City East and Mawson Lakes.

Acting director of UniSA's Property Unit, Philip Clatworthy, said the development – which has been in planning since 1999 and is expected to be completed in time for the start of the 2005 academic year – would improve facilities while reducing the University's overall operational costs, partly through a net reduction in floor space.

"The development will see a higher critical mass of students on campus, making for a more vibrant social environment, and the new facilities will make for a better teaching and learning experience," he said.

John Wardle Architects are working in association with Hassell on the biggest campus development, City West. Some of the better known projects that John Wardle has worked on include the residential tower in the Queen Victoria Project in Adelaide, and two buildings for RMIT in Victoria.

John Wardle said he was excited to be part of such a major development. "To build something that will be experienced by so many people, linking two of Adelaide's primary streets is a great honour – it's absolutely the pinnacle of architectural commissions," he said.

"It really is a wonderful project, and we believe that we are planning something that will excite not only the university but the whole of South Australia."

Updates on Blueprint 2005 will appear in UniSANews on an ongoing basis. For more information visit the website at www.unisa.edu.au/blueprint or the Property Unit website at www.unisa.edu.au/pro/blueprint2005.htm

Blueprint breakdown

What to expect on your campus

Mawson Lakes

Plans include an extension to the library (building C), and a new building for the schools of Education and Physical Education, Exercise and Sport Studies. Principal consultants are MGT Architects and Russell & Yelland Architects in association, while Thomson Rossi architects are consultants for the library extension. Key stakeholders have been consulted and involved in the development of schematic designs, and consultants are now starting design development for each of the buildings.

City East

A new Health Sciences building which will include laboratories for the School of Pharmaceutical, Molecular and Biomedical Sciences and specialised laboratories for the School of Physical Education, Exercise and Sport Studies, has been designed by consultants Cox Grieve Gillett (CGG). CGG will be lodging a development application with the Adelaide City Council by the end of September.

City West

Plans include a library extension and two new buildings for the South Australian School of Art and the Louis Laybourne Smith School of Architecture and Design. A third building will house chancellery, the Art Museum, a 450-seat auditorium, and the Hawke Centre. Principal consultants are Hassell Pty Ltd and John Wardle Pty Ltd Architects working in association. The consultant team are currently completing the schematic designs for each of the buildings.

▲ Back to top



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Uncovering the Murray's flood history

by [Geraldine Hinter](#)



Main Street Mannum, at the height of the 1956 flood

Described as the greatest catastrophe in South Australia's history, the 1956 River Murray flood is the largest ever recorded in our state. Now UniSA researchers are causing more than a ripple with a new wave of investigations revealing an even greater prehistoric flood.

Honours students Amanda Sulley and Derek Snowball from the School of Environmental and Recreation Management used the Black Box gum (*Eucalyptus largiflorens*) to interpret the pre-1840 salinity and flood history of the river.

Sulley and Snowball's research, funded by UniSA's Division of Information Technology, Engineering and the Environment, uncovered valuable data that more fully reflects the Murray's flooding history, according to Adjunct Professor Robert Bourman, who supervised the study with Joan Gibbs and Dr Fleur Tiver.

To establish the reliability and timing of pre-historic floods, the researchers looked at the distribution of the Black Box Gum in the river valley.

"Black Box is considered to be a reliable biological indicator of past flood levels because it grows in distinct horizontal lines on the River Murray floodplain. Its seeds germinate in the debris deposited on the floodwater fringes of the riverbank," Prof Bourman said.

"Radiocarbon dating of samples collected from existing gums revealed that the trees were of a modern age, with establishment in the last 250 years. This gives us an indication of the possible timing of the pre-historic flood of around the year 1750.

"The researchers also undertook a survey to obtain the heights of individual trees at their bases. This showed that the palaeoflood reached a maximum height on the River Murray at Overland Corner of 18.01 metres, 2.11 metres above the 1956 flood height.

"Having measured the cross-section of the river, they applied the Manning Equation to determine the discharge of the prehistoric flood. This was estimated to be 7,686 cubic metres per second, almost double the discharge of the 1956 flood, which measured 3,950 cubic metres per second," Prof Bourman said.

"Given the calculated discharge and proposed age of the flood, the students were able to calculate when on average a palaeoflood might return. This was measured at 1000 years, compared with 160 years for the 1956 flood.

"A flood with a return interval of 1000 years means that every year there is a 1000 to one chance of a flood of that magnitude occurring, as it certainly will, at some time in the future."

The findings showed that houses, shacks and other structures even above the 1956 level were at risk, he said. He believes that limits should be placed on construction of permanent structures within the area covered by the pre-historic flood.

So what's the good news on floods?

Flooding should not be seen as disastrous for the River Murray but as an important part of the natural system, and as a partial solution to salinity, according to Gibbs. "Extreme floods are nature's way of flushing out the salt," she said.

"A healthy river should have salinity levels of less than 25,000 parts per million. Medium level flows of water through the River Murray are needed to control salinity levels.

"Sadly, the River Murray has high salinity levels averaging 34,000 parts per million caused by the removal of 80,000 to 100,000 megalitres of water each day for irrigation. This is severely affecting vegetation, causing salt stress and destroying the river's aquatic ecosystem.

"Amanda studied the effects of varying salinity and flooding levels on the seed germination, root growth rates and seedling development of three Black Box Gum varieties. This was necessary to establish the conditions required for the gums to germinate and grow," Gibbs said.

"Her research showed that while adult trees were tolerant of saline conditions, juvenile trees were very salt intolerant. Flooding is essential for juvenile Black Box trees to grow, to flush salt from their roots.

"If you think that the prehistoric River Murray flood was the greatest catastrophe in South Australia's history, the River Murray's high salinity levels could be an even greater catastrophe affecting all of us in the near future."

[▲ Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Forensic psychology gets emotional

by [Professor Kevin Howells](#)

Director, Forensic and Applied Psychology Research Group

The person in the street would probably expect that human emotion would be a central topic for research in psychology.

After all, emotions such as anger, fear and sadness are part of everyone's experience and it's easy to see that intense emotions can influence the development of a wide range of mental health and social problems. But it is only relatively recently that emotions have started to receive serious research attention.



The neglect of emotion stems in part from the belief that emotions are too intangible to be studied in a scientific way and are better left to the artists and philosophers.

Things have started to change. There is now a lot of interest in trying to define the nature of different emotions, to understand the communicative functions of emotions for the person and to investigate mechanisms of self-regulation.

Negative emotions such as anger, fear and sadness are being examined by UniSA's Forensic and Applied Psychology Research Group (FAPRG), with three students having submitted doctoral theses relating to emotion in the past year.

Michael Proeve investigated remorse, looking at how it is distinguished from allied emotions such as guilt and shame, and why remorse is so important in the criminal justice system and influential in sentencing. Hayley Whitford examined jealousy and how it influences anger and intrusive behaviours (such as stalking), while Michele Murphy investigated links between anger and depression. Another PhD researcher, Sharon Casey, is currently looking at community fear of crime.

A recent study by members of FAPRG (Cognitive Appraisals Associated with High Trait

Anger by Jack Hazebroek, Kevin Howells and Andrew Day, 2001) found that people with high levels of anger appraise unpleasant social events in an excessively negative way. Their biased, often paranoid thinking appears to promote angry reactions.

Of particular interest is the extent to which people can regulate their angry emotions in communicating with others. High anger is involved in a wide range of serious offences, including homicides, assaults, rape, violence to children and violence between partners in long-term relationships.

Anger problems are also a feature of some mental disorders (for example, post-traumatic stress disorder) and even physical diseases (cardiovascular problems), and treatments – popularly known as ‘anger management’ – have been developed to control excessive anger reactions. Intriguingly two participants in the recent Big Brother series confessed on air that they had been referred to anger management programs – a sign that these treatments have become part of everyday thinking, at least in Australia.

In a study completed in 2001 (involving Andrew Day, Karen Heseltine, Paul Williamson, Ann Parker, Susan Bubner and others) we looked at whether anger management programs effectively reduced anger and aggression. While published literature showed that anger management worked for the majority of participants, our study looked specifically at people convicted of violent crimes. In a study of 200 people conducted in prisons in two states we found that treatment was hardly more effective than doing nothing.

However some offenders did benefit – those who were ready and motivated for treatment and those who had the highest levels of anger in the first place. This has led us to investigate what makes people ready to do something about their anger problem. Can we devise programs to make them more ready and more able to benefit from treatments on offer?

The study also found that Indigenous prisoners had higher levels of anger than their non-Indigenous counterparts. In a joint project with the Aboriginal Research Institute, FAPRG plans to look more closely at this finding and to address its implications. Emotion and its control will certainly feature in our future research agenda.

[For staff](#)[For the media](#)[For alumni](#)[For potential donors](#)[For prospective international students](#)[> Publications > UniSA News September 2002](#)

Nature's teaser holds scientist's interest

by [Thel Krollig](#)

The mystery of why a chicken produces a shell with an organic membrane that protects the egg white and yoke is one of the teasers of biotechnology that keeps internationally renowned scientist, Professor Peter Majewski, guessing.

That's how he explains to the uninitiated his enthusiasm and fascination for a field of research that leaves some people befuddled.

More specifically he is excited about the many applications of biotechnology. Some already being applied and some that can only be imagined.

Professor Majewski, deputy head of the Material Synthesis and Microstructure Design Department of the Max-Planck Institute for Metals research in Stuttgart and most recently visiting Professor at the University of Wollongong, believes there are enormous opportunities to take on a leadership role in biotechnology if research is supported.

"There is money to be made in the future applications of biotechnology and vast opportunities for the South Australia economically," said Prof Majewski.

"The practical applications of such research include better delivery of drugs and safer storage of drugs, better coatings for implants and sensors and better manufacture and storage of minerals and various materials."

Prof Majewski joins UniSA in 2003 as a Fellow with the Ian Wark Research Institute. The fellowship is part of a joint project between the South Australian State Government



and the three South Australian universities. The project is set to boost the State's capacity for innovation in biotechnology thanks to a \$1.5 million State Government investment in research, which is matched by the universities. Professor Majewski will fill the first of three Biotechnology Fellowships.

His current research covers materials processing in innovative areas such as solid oxide fuel cells, high temperature superconducting cables and magnetic storage systems.

The Minister for Science and Information Economy, Jane Lomax-Smith said the fellowships are considered the best long-term investment for research and economic development.

"These fellowships will give South Australia's science students and researchers the chance to be taught by and work with some of the leaders in this fast changing field and ensure our bioscience research continues to receive international recognition."

[▲ Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Fulbright scholar's visit a coup for UniSA

by [Charlotte Knottenbelt](#)



Visiting Fulbright Scholar, Lawrence White (centre), at UniSA with David Round and David Klingberg

For members of UniSA's Centre for Applied Economics and School of International Business, the recent visit of Professor Lawrence White as a Fulbright Scholar to UniSA was nothing short of a coup.

One of the world's leading trade practices experts, Prof White has consulted for scores of high-powered institutions, including the International Monetary Fund, Asian Development Bank and US Department of Justice. He also has an academic record to bring economists to their knees with cries of 'we're not worthy', having gained degrees at Harvard and the London School of Economics before working at Princeton, and is currently the Arthur E Imperatore Professor of Economics at New York University's Stern School of Business.

During his three week visit Prof White spoke about corporate responsibility as part of UniSA's Working Links seminar series, and presented talks at the Reserve Bank, Australian Prudential Regulatory Authority, Australian Competition and Consumer Commission, and the Adelaide Bank, as well as addressing a group of Federal Court judges in Melbourne and talking with groups of trade practices lawyers.

He also found time to talk with UniSA's Vice Chancellor Professor Denise Bradley and Chancellor Professor David Klingberg about "ways to help UniSA propel its way

forward and upward.”

“In many ways UniSA is like New York University 20 to 25 years ago,” he says. “It has a great deal of potential, but has to find the right mix of money, people and programs to find its proper place in the world.”

Director of the Centre for Applied Economics, Professor David Round, said Prof White's visit helped raise the centre's profile in the regulatory and business community.

“It was fantastic to have him here because of his depth and breadth of experience, both as a member of a prominent school of business, and as someone who has researched and written so widely in the area of anti-trust,” he said.

For Prof White, the feeling was mutual: “I had a great time in Australia. I learnt a lot professionally, met some wonderful people and saw some great sights. My wife and seven-year-old son came with me and we had a great time together.”

[▲ Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

E-team gets a taste of uni life

by [Charlotte Knottenbelt](#)



Four Adelaide High School students enjoyed a taste of university life last month when they spent a week at UniSA as part of project designed to give students workplace skills.

Andrea Kasikovic, Vanja Dagic, Minh Lam and Helen Luu were the 'E-Team' and their task was to find ways to improve the production of marketing material for UniSA's School of Accounting and Information Systems.

First they sent out an email survey to school staff to find out what staff thought of the current system, and then they set about planning an improved method of data collection that would make for more accurate brochures and a smoother process.

At the end of the week the students gave a presentation, outlining where they saw problems and how they thought they should be fixed.

Vanja said being on the E-Team had been a fantastic learning experience. "It was awesome...I didn't know that I could ever do something like this," she said. "Its was a great opportunity – to see what uni's like and to spend some time in the workplace. I definitely recommend it to other students."

Project officer Lisa Laws (pictured top left) said the students had proven that they were up to the task. "They were very motivated and the quality of their work was excellent for high school students," she said.

The E-Team program is a national initiative developed by the Australian Quality

Council, aiming to give high school students the skills that they will need when they enter the workforce. For more information on the program, contact Best Practice Initiatives Australia on (08) 8272 4183.

▲ Back to top

For queries relating to links contact: [UniSA Webmaster](#) | [Disclaimer](#) | [Copyright \(c\) 2000](#) | Latest content revision: October, 2002



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Women singers wanted

A call has been made for UniSA women to join a choir being formed to sing at this year's Clare Burton Memorial Lecture.

UniSA staff and students are invited to be part of the University of South Australia Women's Choir for the event, which will take place on November 6, 2002 from 5.00 to 7.30pm in Brookman Hall at City East.

The guest speaker at the lecture will be Moira Rayner, who will speak on the topic, ***A pound of flesh – women, politics and power in the new millennium.***

There will be six rehearsals, held at Brookman Hall on Friday lunchtimes from 12.30 to 1.30pm on September 27, October 4, 11, 18, and November 1. Bryan Eyers will be the conductor.

Organisers need at least 20 voices to make a choir. Experience is not necessary. If you would like to join please contact [Leonie Challans](#) by Wednesday 25 September by e-mail (leonie.challans@unisa.edu.au) or by phone on 8302 1756.

▲ [Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

An eye-opening exchange



Austrian students Natalie Rehak, Heidi Zinoecher, and Lucas Leuprecht with exchange co-ordinator Paul Vyskovsky.

They may be studying to become accountants, bankers and economists, but there was much more than numbers on the minds of 18 young Austrian students who were in town last month as part of an exchange between UniSA and Vienna University of Economics and Business Administration

Lectures about Aboriginal culture were up there with a visit to the German Austrian Chamber of Commerce and a reception at the Adelaide Town Hall hosted by Lord Mayor Alfred Huang as highlights of their six-week stay.

Other activities included a discussion on ABC radio on export opportunities to the European Union with UniSA's [Professor Rick Sarre](#).

With a range of subjects delivered by UniSA lecturers to choose from - on everything from accounting, risk analysis and human resources to language and tourism - 25-year-old commerce student Natalie Rehak said the educational aspect of the exchange had been worthwhile.

"I learnt a lot about Australian social and economic systems, and I was impressed by the way the theory was balanced with practical exercises," she said.

Lukas Leuprecht, a 22-year-old business administration student, said what he appreciated most was the exposure to different cultures.

"Meeting an Aborigine who was one of the stolen generation was a really eye-opening experience, and I also got to meet people from places like Malaysia and Indonesia for the first time. I think experiences like this will help me in the future, as I want to pursue postgraduate study overseas."

Exchange coordinator Paul Vyskovsky said the program – now in its sixth year – was continuing to expand and strengthen Austrian-Australian academic relations.

"We have staff exchanges both ways, and there is now the opportunity for UniSA students to go to Austria and study at the Vienna University of Economics and Business Administration, which is the world's largest business university," he said.

"And in the near future we're hoping to expand to include things like work-sponsored exchanges."

[▲ Back to top](#)

[For staff](#)[For the media](#)[For alumni](#)[For potential donors](#)[For prospective international students](#)[> Publications > UniSA News September 2002](#)

Record Business Week tally nudges the 3000 mark

Whether you were a business person hoping to exploit export potential, someone keen to start a new venture in a rural area, or just a person who enjoys a good glass of red, the 14th annual International Business Week had something for everyone.

IBW organisers are celebrating the most successful program yet, following a record attendance of almost 3,000 people at the series of seminars, debates and workshops held across the State last month.

The event – of which UniSA is the principal and naming rights sponsor – began with a panel of representatives from export assistance organisations traveling to nine regional centres around the state. A special feature of the regional program saw UniSA's visiting Smart Link Fellow, Dr Lynn Massey, visit Whyalla and Mt Barker to discuss how 'lean thinking' could deliver competitive advantage.

The metropolitan-based part of the IBW program was launched on August 12 by the [Vice Chancellor Professor Denise Bradely](#), in front of 400 local business identities at an SA Great luncheon at the Hilton Adelaide.

UniSA hosted seven of the 30 IBW seminars held around Adelaide, with the most popular event a wine discussion and tasting seminar organised by the Wine Marketing Research Group. Other seminar topics included the use of international graduates in local business; [Professor Dennis Taylor](#) on joint venture Sino-Australian businesses; and [Professor Robert Heath](#) discussing risk, crisis and sustainable management with the World Trade Centre tragedy as a case study.

Pro Vice Chancellor for Business and Enterprise, [Professor Kevin O'Brien](#), said he was delighted with the response from the business community and students to UniSA IBW 2002.

"UniSA's support of the IBW program is just one of the many positive business initiatives the University undertakes, and it demonstrates our commitment to furthering knowledge and skills in international business and trade," he said.

[▲ Back to top](#)

For queries relating to links contact: [UniSA Webmaster](#) | [Disclaimer](#) | [Copyright \(c\) 2000](#) | Latest content revision: October, 2002

[For staff](#)[For the media](#)[For alumni](#)[For potential donors](#)[For prospective international students](#)[> Publications > UniSA News September 2002](#)

Forget the waffle, crunch the numbers

To say the newly-appointed Head of UniSA's School of Marketing, [Professor Gus Geursen](#), knows a thing or two about communicating with mass markets would be something of an understatement.

With 30 years' industry experience, Prof Geursen has launched or managed more than 50 major products around the world – including Mainland Cheese and Lipton Tea – and worked as a senior executive for companies such as Cadbury Schweppes and the world's largest consumer company, Unilever. He has also consulted for government and companies such as Hewlett Packard and Shell.

He made the shift to academia eight years ago when he started work as a research fellow for Monash University's Department of Accounting and Finance. He later became a senior research fellow at Monash's Faculty of Business and Economics and an Associate Professor in Accounting and Finance before moving to the Department of Marketing.

Prof Geursen has authored numerous papers in refereed journals, and is a member of the University of Illinois' Marketing and Entrepreneurship Advisory Board and a Governing Executive Member of the Australian Institute of Management Accountants, as well as being on the editorial board of three international journals.

He thinks it's important to encourage staff to be 'balanced' academics, concentrating on both teaching and research, and his pet hate is 'intellectual silos'.

"Marketers live in a multi-disciplinary environment," he says. "Today's situation is where people marketing an organisation have to make it work for all the different stakeholders."

He thinks the best skill a marketer can have is a firm grasp of marketing theory and of figures.

"We need to equip our marketing students with the ability to work within rigorous

numeric contexts, so that the things they propose are not just 'marketing waffle' but an exhibit of great managerial decision making and responsibility."

"Marketing is one of the most critical things in an organisation because it supplies operational cash flows, so it's very much the basis of business."

He says the common criticism leveled at marketers – that they'll say anything just to sell a product – is far from the truth.

"In my experience if companies could actually mislead consumers and survive in the long-term, we wouldn't see as many product failures as we do."

[▲ Back to top](#)

[For staff](#)[For the media](#)[For alumni](#)[For potential donors](#)[For prospective international students](#)[> Publications > UniSA News September 2002](#)

Getting the balance right in multimedia

By [Paula Roberts](#)

Lecturer in Multimedia School of Communication, Information and New Media

Since the 1980s participation rates of women in higher education computing worldwide have declined steadily to an all-time, current low of some 20 per cent. Remarkable then is the achievement of the School of Communication, Information and New Media in having large numbers of females graduating in computing. In 2001, there were 16 females of the 21 graduates of the BA (Multimedia Studies). This year 43 per cent of the 33 multimedia graduates are females – a lesser percentage, but still highly commendable.

This high percentage of successful females can be attributed to the multimedia major's setting in a BA award. The participation rate of females in this school's similar multimedia major in a Computing Science award is considerably less than in the BA.

In Australia, another significant increase in non-traditional, female career participation has occurred in engineering, when engineering is offered as a double degree with Arts. Researchers attribute this remarkable turnaround to the humanising effect of the arts (with its emphasis on communication and human concerns), which makes engineering study more palatable for women, and also produces better engineers of both sexes.

The BA (Multimedia Studies) strongly supports the University's mission of equity and access. Its most popular course, Desktop Publishing, attracts annually some 700 students, across all disciplines. In an interesting twist to this story, the highest achieving student in semester two, 2001, was a male engineering student from Mawson Lakes!

Another achievement is the gender balance in the Multimedia teaching team. With the appointment of Dr Denise Wood as senior lecturer and program director, the teaching team now comprises three women and three men.

Dr Wood is leading a review of the Multimedia Major to fine-tune and update the program, ready for international promotion. As many overseas scholars have

remarked, the program's gender-inclusivity is so rare, it should be bottled and marketed like fine Australian wine.

[▲ Back to top](#)

[For staff](#)[For the media](#)[For alumni](#)[For potential donors](#)[For prospective international students](#)[> Publications > UniSA News September 2002](#)

Ever the Twain shall meet

by [Dr. Ian Richards](#)

Director, Postgraduate Journalism Program



Mark Twain once observed that he never let his schooling interfere with his education.

Given the state of formal learning in the US in the mid-nineteenth century, one could hardly blame him.

Far less understandable is the prevalence of similar views among many Australian journalists at the turn of the twenty-first century. Perhaps because undergraduate tertiary journalism education only began to replace on-the-job training in the past few decades, the notion that there might be a place for

postgraduate study has been treated

with suspicion by many sections of the industry.

Thus, when tentative agreement was reached in 1999 to set up South Australia's first postgraduate journalism program in UniSA's School of Communication, Information and New Media, those of us responsible for the decision had no idea of just how successful it would prove to be. While we were reasonably optimistic, given the longstanding success of the UniSA undergraduate BA (Journalism), we really couldn't be sure how postgraduate study would be received.

Three years later, I'm delighted to report that the postgraduate experiment has proved a resounding success. The three awards – MA (Journalism), Graduate Diploma in Journalism and Graduate Certificate in Journalism – have between them attracted almost 100 students from a wide range of backgrounds.

The students' labours are already bearing fruit in the form of an expanding foundation of solid journalism research, while most of those who have completed their studies have obtained work in journalism and related areas. The program is also attracting an increasing number of international students, from Europe, Asia and North America.

Overall, the Postgraduate Journalism program represents a finely balanced combination of theory and practice. Determining just how much of each there should be in any program is one of the eternal dilemmas facing journalism educators around Australia – and, indeed, in most other developed countries. In common with many other professional areas, journalism education is caught between the pressures of industry, which invariably wants courses to be as practically oriented as possible, and academe, which for obvious reasons favours more academic approaches.

That we have "got the balance right" is suggested by the fact that, although there are more than 30 journalism programs in Australia, the UniSA program is one of only five regularly highlighted by academics and editors as Australia's best (see, for example, a national survey in *The Australian* newspaper in January, 2002). This impression is strengthened by the growing professional success of our students. While it is still early days, our postgraduates are already on the way to emulating the achievements of others who have studied UniSA Journalism and are today employed in a wide range of journalistic and media-related positions here and overseas.

In common with most areas of life, the UniSA Journalism program cannot stand still. This year we introduced computer-assisted reporting, an innovative approach developed in the US, and further minor adjustments are inevitable. But even though our postgraduate journey has really only just begun, it already seems clear that future Mark Twains will openly acknowledge that schooling and education happily coincided when they studied journalism at UniSA.

[▲ Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Encouraging a fair go in Malaysia

by [Charlotte Knottenbelt](#)

UniSA's School of International Studies has appointed its first full time off-shore staff member to head a new program offering work skills to disadvantaged Malaysians.

Anne Swan will spend the next three years in Kuantan, Malaysia, as director of the Diploma in Industrial Communications program.

The program has been designed specifically for the Bumiputera people, a group that Swan says has not done as well in the employment stakes as some of Malaysia's other ethnic groups.

"The Bumiputera people are often not as assertive in getting themselves into employment situations, and have generally had less access to education facilities – partly for geographical reasons," said Swan.

"This program aims to boost their skills and confidence, and help address an educational imbalance that has sometimes led to tensions between different ethnic groups."

Part of a Malaysian government strategy to develop a more professional workforce, the program is being run by UniSA in conjunction with Malaysian partners, Majlis Amanah Rakyat (MARA) and Apex Communications.

The three year program consists of intensive English language preparation, university foundation studies, and studies at first year degree level from a broad range of disciplines (presented by guest lecturers from the Divisions of Arts, Education and Social Sciences, Business and Enterprise, and IT, Engineering and the Environment.)

Swan has a dual role – upgrading the students' English to the level required for international communication, and overseeing the professional development of the group of local staff involved.

Seven weeks into the program, and she says everything is on track. "Not only are our

numbers greater than expected, but the students' level of English is higher than expected," she said.

"I love teaching them and I also love the collaboration – I'm learning a lot from my Malaysian colleagues, and they're learning from me."

"It's a very exciting opportunity and the program has a lot of potential. I think UniSA is doing something quite strong for Malaysian-Australian relations."

[▲ Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Rewarding service and excellence

Nominations are now being called for the 2002 Chancellor's Awards for Community Service and the Vice Chancellor's Awards for General Staff Excellence.

Chancellor's Awards for Community Service

The Chancellor's Awards for Community Service recognise activities that provide a significant benefit to community groups. They are open to academic staff, general staff and students, or to groups which represent combinations of these, such as research groups, work units or teaching teams. Both groups and individuals may apply. A successful nomination must meet all of the following criteria:

- extend the University's core activities of teaching, research or administration
- demonstrate a significant community benefit
- involve a community partner in the planning, implementation and evaluation
- provide benefit to both the community and UniSA.

Nominations are due by Friday October 11, 2002

Vice Chancellor's Awards for General Staff Excellence

The Vice Chancellor's Awards for General Staff Excellence offer University-wide recognition of outstanding contributions by general staff to their area or the University as a whole. The awards aim to:

- acknowledge staff who have demonstrated behaviours and activities that have benefited UniSA
- showcase these employees as role models
- foster, support and recognise achievement through the establishment of an environment of shared success and commitment

- build common understandings of our intent and directions.

In 2002 the awards will introduce the following categories of excellence:

- Providing Quality Service
- Building Bridges
- Working Smarter/Getting Results
- Leading Change

The awards are open to individuals and teams and to contract and continuing staff.

Nominations are due by Friday October 18, 2002. Further information and nomination forms are available from the Chancellery website at www.unisa.edu.au/cha/nboard.htm under 'Chancellery Awards'.

[▲ Back to top](#)



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Bill Board

Open Day

South Australia's Footy Showdown on Sunday, August 18 did not stop more than 10,000 people from flocking to UniSA's City West Campus for Open Day 2002.

High school students, their parents and prospective mature age students descended on City West, eager for information about what UniSA has to offer them.



With more than 50 lectures covering all program areas and an equal number of information booths staffed by academic and general staff, prospective students' thirst for information was satisfied. There was a special session describing what UniSA student life is like from the inside as well as a session for mature age entrants on the variety of pathways to UniSA.



City West Campus took on a festival atmosphere for the day with a sausage sizzle provided by the UniSA Students' Association and a showcase of world music and culture to keep people entertained in between lectures.

Footy fans were not overlooked, with a large screen set up in the 'Showdown Shed' to keep them up to date with all the live footy action.

At the end of the day most people left City West better informed about the unique UniSA educational community and with a smile on their face after a day of education,

information and entertainment – except, perhaps for Crows supporters who waited, in hope, until the bitter end.

Whyalla Campus opened their doors to the public on Friday 16 August, and with campus tours held on all metropolitan campuses, UniSA ensured that South Australians were kept informed about programs and life at UniSA.

It's in the cards

When [Nicole Kennedy](#), a technical assistant at the de Lissa Institute at Magill campus, gives you her card it is likely to be one she has made herself.

Struck by the price hike in greeting cards – many that have a little flair or something unique about them retail at up to \$5 – Nicole has made a hobby out of making simple gift cards and now she is sharing them around.

Every day she sells her cards – nothing over \$2 – in the Magill bar at lunchtime between 12.30 and 1.15 pm.

Simple designs, bright colors and quality paper are hallmarks of NK cards and Nicole is happy to take orders for anything special such as kids party invitations or other small orders.

[▲ Back to top](#)

[For staff](#)[For the media](#)[For alumni](#)[For potential donors](#)[For prospective international students](#)[> Publications > UniSA News September 2002](#)

Our People

David Round

I recently joined UniSA from the 'other end' of North Terrace – I had been at the University of Adelaide for 30 years. The change has not been far in spatial terms, but in almost every other aspect life is now quite different.



In the language of those who, like myself, enjoy the occasional glass or three of fine red wines (shiraz, of course, although a visit to the University of Canterbury in Christchurch last year as Visiting Erskine Fellow has brought many a glass of merlot to my lips since), I can say that my new environment has great flavour and intensity, with excellent cellaring potential. The soils are productive, the vines have variously youthful vigour and great maturity, and the vineyard management is progressive and entrepreneurial.

Several factors prompted me to make the move to UniSA. I was for many years an Associate Commissioner of the Australian Competition and Consumer Commission. And so I believe in the need for markets to be competitive and for the consumer to be treated fairly. I saw that sense of social purpose as a key part of UniSA's culture, in its approach to teaching, its research profile, and in its outreach to the community.

At the same time I was impressed with its enthusiasm for everything it did, its entrepreneurial approach to funding people and ideas, and the reputation its senior managers had of being accessible, and of listening to academics.

I haven't been disappointed. It is not often that an economist can say his expectations or predictions were correct!

I might add that it is also wonderful to be in a school where there appears to be more Port Power supporters than Crows supporters. And where you can always find someone happy to go for a coffee.

One thing I did notice when I started here is that UniSA appeared to think it was the army – it moves on its stomach. I have never seen so many meetings where so much food is provided. I'm pleased that my office is on Level 4 and that the elevators in Way Lee are so slow that I use the stairs. The exercise is definitely needed to keep the waistline in check!

[Professor David Round](#) is the Director of the Centre for Applied Economics

[▲ Back to top](#)

[For staff](#)[For the media](#)[For alumni](#)[For potential donors](#)[For prospective international students](#)[> Publications > UniSA News September 2002](#)

Academic Board

The University's distinctive teaching and learning environment

The Director of the Flexible Learning Centre (FLC), [Associate Professor Bruce King](#), delivered a presentation on the University's distinctive teaching and learning environment.

Prof King reported that the University's Teaching and Learning Framework went back to 1993, when funding was sought from the Universities Quality Audit to substantially change the study environment.

The three key features of the 'Future Learning Environment' were seen as student centred learning, a focus on the outcomes of higher education, and flexible delivery. The flexible delivery of programs would be the enabling concept which formed the basis for the two other commitments.

The encouragement of choice, reflection and the possibility of exercising personal responsibility over one's own learning are of particular importance.

A focus on the outcomes of higher education is closely linked to the applied and professional dimension of the University's mission. It is based on quality in terms of 'value-adding', rather than simply on the basis of entry requirements, staff qualifications and the like as is the case in more traditional universities.

In order to demonstrate 'value-add' we clearly identify how students will be helped to change while studying at university. This is translated into an agreed set of graduate capabilities and attributes – the seven qualities of a University of South Australia graduate.

Flexible delivery is central to understanding the University's approach to teaching and learning. It involves the provision of resources and the application of technologies to create, store and distribute course and program content, enrich communication and provide support services.

In 1995, the FLC brought together all student services to assist in the move towards more flexible delivery. The technical backbone for the system was also created at around this time, supported by systems such as Microsoft Exchange.

UniSAnet was implemented in 1999. At the same time in 1999, Campus Central gave students more control over the administrative aspects of their studies. The establishment of Learning Connection in 2000, and Experiencebank in 2001, were important steps in consolidating support for student centred learning, and linking curriculum to the outcomes of higher education for the professions.

Management of teaching and learning is now coordinated by the Deans: Teaching and Learning, who work with Divisional and School Teaching and Learning Committees (TALCs), and at the corporate level by the University TALC, supported by the Pro Vice Chancellor (Access and Learning Support) and the FLC.

The University 's distinctive Teaching and Learning Framework has eschewed the traditional 'transmission' teaching model, and seeks to change the relationship between teachers and students. It has involved embracing an emerging organisational culture that supports social accountability, student diversity and customer service. It has also led to the emergence of important non-academic roles involving general staff in the support of students' learning.

The introduction of UniSAnet Version 2 in Semester 2, will expand the existing 1000 courses already online to include all courses. It will also be able to be used for a variety of purposes beyond course delivery, and allow for integration with the University's information technology infrastructure including Medici, the LookUp student portal and Windows 2000.

Review of Academic Program Review Committee (APRC)

The Acting Pro Vice Chancellor (Access and Learning Support), Dr Alan Bundy, advised Academic Board that APRC would undergo a wide ranging review by Assurance Services, with a final report due in October 2002.

TALC membership and terms of reference

The board approved changes to the terms of reference and membership of the University Teaching and Learning Committee which include, inter alia, the formal co-optation of the Student Ombud and the Dean of Students for the Division of Education, Arts and Social Sciences, as well as the inclusion of an academic staff member from each division, and amendments to the terms of reference to reflect its new equity role.

Peter Cardwell

Executive Officer

[▲ Back to top](#)

For queries relating to links contact: [UniSA Webmaster](#) | [Disclaimer](#) | [Copyright](#) (c) 2000 | Latest content revision: October, 2002



[For staff](#)

[For the media](#)

[For alumni](#)

[For potential donors](#)

[For prospective international students](#)

> [Publications](#) > [UniSA News September 2002](#)

Research Update

Below is a list of new grant and fellowship opportunities that have become available in the last month. If you would like details of other current grant or fellowship opportunities please visit our website:

Current Grant Opportunities

<http://www.unisa.edu.au/orc/grants/grants.htm>

Current International Funding Opportunities

<http://www.unisa.edu.au/orc/grants/international.htm>

For further information please contact the Grants Officer on 8302 3954 or by email

Maria.A.Arena@unisa.edu.au

New grant opportunities

Australian Research Council

Linkage - Australian Postdoctoral Fellowships (CSIRO)

The scheme aims to encourage and develop long-term, capacity-building, strategic research alliances between universities and CSIRO. For further details refer to www.arc.gov.au/ncgp/linkage/csiro/default.htm

Internal closing date 11 October.

External closing date 25 October.

Linkage-Projects (Round 2) - Readvertised

Linkage-Projects aims to encourage and develop long-term strategic research alliances between higher education institutions and industry in order to apply advanced knowledge to problems.

<http://www.arc.gov.au/ncgp/linkage/projects/default.htm>

Internal closing date 22 November

External closing date 6 December

Federation Fellowships

This is a highly prestigious award designed to develop and retain Australian skills. By

providing an internationally competitive salary, the Federation Fellowships will support and encourage Australian researchers to stay in, or return to, Australia to conduct research of significant national economic, environmental and social benefit. www.arc.gov.au/ncgp/fellowships/default.htm

Internal closing date 11 October

External closing date 25 October

Bonnie Babes Foundation

Invitation for Research Funding

The foundation supports research institutes and clinical units undertaking research with a focus on stillbirth, miscarriage and prematurity. The support is generally for the purchase of equipment essential for a research project or for maintenance funds, salaries or PhD scholarships for new, innovative research.

Internal closing date 27 September

External closing date 4 October.

James N Kirby Foundation

Research Grants

Applications are invited for grants in the areas of health, education, technology and science, art, literature and the conservation, maintenance and development of Australia's natural resources. Particular attention will be given to technical education projects to assist young Australians achieve their highest standards.

Internal closing date 18 September

External closing date 28 September

The Cass Foundation

Science and Medicine Grants

To fund projects, research and development in Science and Medicine. Awards of up to \$50K may be offered.

<http://www.cassfoundation.org/>

Internal closing date 2 September

External closing date 16 September

The Gordon Darling Foundation

Visual Arts Scheme

To support Australian-wide activities in the visual arts and to assist in the dissemination through public institutions of knowledge and enjoyment of all aspects of the visual arts to the widest possible audience.

Internal closing date 16 September

External closing date 30 September

Joint Coal Board Health and Safety Trust

Health and Safety Trust Research Grants

To fund research projects that contribute to improvements in mineworkers health and safety.

<http://www.jcb.org.au>

Internal closing date 6 September External closing date 20 September

International grant opportunities

Canadian High Commission

Research and Teaching Grants

(Note that subjects in the pure sciences, mathematics and engineering are excluded)

Faculty Research Program

For individual academics in universities and research institutes to undertake short-term research about Canada or aspects of Canada's bilateral relations with Australia and New Zealand, including interdisciplinary and comparative studies.

Internal closing date 16 September

External closing date 30 September

Program for International Research Linkages

This program aims to promote and facilitate international collaborative research between research teams from Canada and, one or more countries, where Canadian Studies are represented. Specifically, the program will fund research seminars or other forms of research linkages.

The Canada-Asia-Pacific Award in Canadian Studies

This program aims at promoting the understanding of bilateral and multilateral relations between Canada and the Asia-Pacific Region. This award assists scholars in higher education institutions or research and policy planning institutes in the Asia-Pacific Region, to undertake short-term research, including collaborative research.

Internal closing date 1 November

External closing date 15 November

www.poweup.com.au/~acsanz/

Fellowship opportunities

Australian Research Council

Linkage - Australian Postdoctoral Fellowships (CSIRO)

For further details, refer to <http://www.arc.gov.au/ncgp/linkage/csiro/default.htm>

Internal closing date 11 October

External closing date 25 October

[▲ Back to top](#)

For queries relating to links contact: [UniSA Webmaster](#) | [Disclaimer](#) | [Copyright \(c\) 2000](#) | Latest content revision: October, 2002