

Adelaidean

Volume 10 Number 9

News from Adelaide University

October 2001

I N S I D E



**Tasting
Australia**

October 5-14



**Food critics
summoned**

centre spread



**Science on
a plate**

centre spread



Action needed to avert wine price crisis

WINE prices could fall significantly by 2005, according to new research to be presented at a major wine industry conference in Adelaide this month.

The 11th Australian Wine Industry Technical Conference will be held at the Stamford Plaza Hotel from October 7-11.

A workshop at the conference run by Adelaide University's Centre for International Economic Studies (CIES) has several recommendations for the industry, based on the centre's expertise and research on global market prospects.

Professor Kym Anderson, Executive Director of the CIES and Professor of Economics at Adelaide University, will open the workshop with an overview paper with David Norman and Glyn Wittwer on "Globalization and the world's wine markets".

He will also present a paper on developments in Australia's wine industry, while other participants from a dozen major wine countries will present comparable papers on their regions.

Professor Anderson said Australian wine prices are likely to decline within the next four years unless a major expansion in marketing is forthcoming.

"Our global model of wine markets divides the world into 47 different countries or country groups, thereby being able to take account of the different wine styles and qualities produced in different countries. We based our data on 1999 markets and projected that to 2005, given recent trends in vine plantings, incomes, changes in taste towards premium wine, and macroeconomic factors such as the strengthened US dollar," he said.

"Our preliminary model results show that real premium wine prices in Australia would be 7-10% lower in 2005 than in 1999. This suggests the need for substantial promotion of Australia's wines, both generic and brand promotion, if prices are to be maintained over the next few years."

Australia currently ranks third on the list of world suppliers in terms of the price of our wine exports, behind New Zealand and France. Professor Anderson said a number of strategies were open to Australian winemakers to improve their share of the premium wine market.

"The most crucial thing is knowledge: about new technologies, evolving tastes, marketing and distribution systems, and how to use and influence them," Professor Anderson said.

"Competitiveness in global wine markets can be improved by greater collaboration among



As a marketing student at Adelaide University, Elly Wright knows the value of promoting good food and wine. This month Tasting Australia (October 5-14) will be doing just that. "Hot and Happening" is this year's theme, so the *Adelaidean* is getting hot and happening too! The chillis and wine shown here are just two of the many hot topics of food and drink research at the University. Photo: David Ellis.

firms and at an industry-wide level. Sharing important knowledge can have benefits for all.

"By working together, companies can get more return from their investment in research, education and training, better promotion at national and regional levels, stronger lobbying for tax reform at home, and be more effective in negotiating lower barriers to market access abroad.

"Firms can benefit from a wide range of alliances. More collaboration between grape growers and wine makers, and alliances between wine makers and marketers/distributors, including across national borders, could greatly benefit the Australian industry," he said.

Professor Anderson, who is a Director on the Board of Australia's Grape and Wine R&D Corporation, believes a rise in the research and development levy paid by producers and matched by the Federal Government will yield high dividends and help to keep Australia at the technological frontier.

"Australia already supplies a disproportionately large volume of the world's wine research papers, and yet less is invested in this field than in many other Australian rural industries per dollar of gross output."

There was also scope to diversify Australia's wine export markets, he said. Currently close to 80% of Australian wine exports go to just four English-speaking markets: the UK, US, Canada and New Zealand.

European nations, such as Germany, and over the longer term East Asia, were potentially strong markets for Australian wine.

Professor Anderson will point out that the Australian Government could cushion the wine industry from a fall in prices by phasing down the Wine Equalization Tax ("Australia's consumer tax on wine is higher than in most other wine-exporting countries") and by seeking more market access abroad by lobbying for lower import barriers in overseas countries.

"Australia has always had the natural resource endowments to produce plenty of excellent wine, and its reputation overseas is very strong. But Australian wine producers need to capitalise on their chances now to reap the rewards in the medium and long term. This is not the time for producers to be sitting back with their feet in a bucket of sparkling wine."

The workshop and the conference are being held during this month's major food and wine event, Tasting Australia. All authors at the workshop will be drawing on the CIES's massive new database on global wine markets, the publication of which (in print and CD-ROM formats) will be launched at the start of the workshop.

Called *Global Wine Production, Consumption and Trade, 1961 to 1999*, the statistical compendium was compiled by Professor Anderson and economics student David Norman. It provides a comprehensive source of information about the global wine market.

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From seagrass to shiraz: new professor

NEW Professor of Viticulture Steve Tyerman is the first to admit that wine science has never been his area of expertise. But Professor Tyerman is an excellent example of how scientific expertise can lead from one place (and field of study) to the next, and be applied in different areas.

As a Botany PhD student at Sydney University, he started by studying the physiology of seagrass to determine how some plants can cope with very high salinity levels. Some years later he moved to West Germany where he used a world-first instrument to measure the hydrostatic pressures in individual cells, and developed this to measure movement of substances into and out of plant cells.

Returning to Australia, he took up a position at Flinders University and adapted even further techniques (some based on animal physiology) to allow researchers to view the activity of single protein molecules in the membranes of living plant cells.

Much of his work has focused on how plants take up beneficial nutrients, such as potassium, and exclude toxic salts, such as sodium and chloride. His work has included not only plant physiology, but also areas such as bio-physics.

With papers published in *Nature* and *Science*, and himself the editor of two international journals on plant physiology. Professor Tyerman brings a wealth of expertise to his new role.

The Chair of Viticulture which he now occupies at Adelaide University (in the Department of Horticulture, Viticulture & Oenology), has strong industry sponsorship, with support from the Australian Wine Research Institute, BRL Hardy, Mildara Blass, St Hallet Wines, Southcorp, Yalumba, Orlando Wyndham, Petaluma and Wirra Wirra.

The *Adelaidean* spoke with Professor Tyerman about his work.

Why come to Adelaide University?

"The chance of getting into viticulture and the wine industry was a chance too good to



Professor Steve Tyerman. Photo: David Ellis.

miss. You're basically talking about an industry that's progressive, expanding, one of the most important export industries in South Australia, and it's one where I perceive that the industry people have a fairly broad and open mind about research, and the benefits that research could bring to the industry.

"So the attractiveness was first and foremost the fact that it was in viticulture, and that it was industry sponsored.

"The other issue was that Adelaide University, and particularly the Waite Campus, has a large number of scientists working in the plant biology area all in the one place—you've got the AWRI, CRC Viticulture, CSIRO Plant Industry, and CSIRO Land and Water. I've already collaborated with scientists in CSIRO over a fairly long time, and I've also had links with people in Plant Science and a little bit in HVO. So the chance of getting into a campus where so many people are working on

plant biology was very attractive too.

"As far as these plant sciences are concerned, Adelaide University is the premier institution in South Australia. It's the place to be."

How important is the support from industry?

"In terms of monetary support it's very significant. More than 50% of my position is funded by industry. It's also very important in terms of providing mentors in the industry that I can contact and talk with about research issues, and research and development. It's important in the education we provide, because the oenology and viticulture students are looking at going into the wine industry to work, so it's important to establish a good relationship with industry. We also get plenty of feedback from the industry on what they think we should be teaching. So for the education and the research, it's vital to have those industry links.

"Professor Peter Høj alerted me to a basic

calculation that one can make which shows the impact of research and development on the profitability of the wine industry. They get a huge value return out of what we invest in research. The amount of R&D that's gone into viticulture, winemaking, I don't think anybody would dispute the fact that it's probably added around five to 10 cents per bottle of wine. If you work that out in terms of the number of bottles of wine that are sold, that's a huge amount of money; it's several times the amount of money that's being invested into R&D. So I'm sure the industry has done its sums too, and it knows what kind of a return they get for that.

"I must admit that I was surprised that they would be interested in me to begin with because I didn't have a specific viticulture background, but I think they could see that having a strong plant physiology background and a good research track record, that if I could bring that to bear in viticulture, then it will boost the whole research area. That's what I'm trying to do, and it's exciting for me because this is a new part of my career."

What kinds of research problems will you be looking at in viticulture?

"I'm involved in a sub-program of the CRC Viticulture on grape berry development and berry shrinkage. Shiraz berries, at a certain stage in development, sometimes shrink and shrivel, and this is not seen to be a good thing by the growers because they are paid by the tonnage. Some winemakers select for it because it gives specific flavours to the wine, and others don't like it at all. So the industry would like to know why it's happening and whether there are ways of growing vines or conditions that would prevent it from happening. Or perhaps there are varieties of shiraz to which it won't happen.

"There are other researchers who have done quite a lot of work into this area, and I'm looking to collaborate with those people. There are techniques that I can bring to bear on the problem which will hopefully shed some more light on it.

Continued Page 7

LETTERS TO THE EDITOR

Indigenous music successes



It was good to see once again the proud reporting (*Adelaidean*, Sept. 2001) of some of the many involvements and achievements of students and staff of CASM [the Centre for Aboriginal Studies in Music].

The cause of Aboriginal music education has come a long way and so has the wider University's acceptance and appreciation of its place in the scheme of things.

The first modest local bands of the mid '70s as (e.g. 'No Fixed Address' and 'Us Mob') have spawned an unending array of new combinations, including a choir now performing with the cream of Australian artists and on a national scale. However, it may be

useful to remember that success has by no means come easy.

Established in 1974 at the initiative of the then Vice-Chancellor, Professor Badger, its early years were very problematic from many perspectives.

Controversial but dedicated ethnomusicologist Cath Ellis, gracious and courageous urban Aboriginal poet and community leader 'Auntie' Lilah Rankine and cross-cultural administrator Ben Yengi were stressed on all fronts as few in academia seemed to care.

There was a time, in the late '70s and early '80s when I was in the Chair of the University's CASM Committee, that attitudes amongst many academics were very dismissive and negative to say the least.

In fact it was proposed that the Centre would be abolished due to financial hardship.

Although there was financial backing from the Arts Department of the State Government, I recall having to argue rationally as well as passionately in the then extremely powerful Education Committee for the relatively small sum of \$12,500.

In the end a small minority in favour prevented the closing down. And since then CASM has never looked back.

I trust that CASM's place in the University will go from strength to strength, and it is a joy to follow their successes.

**Albert Gillissen
Aldinga Beach**

LETTERS TO THE EDITOR

The *Adelaidean* welcomes letters to the editor. Letters should be no more than 500 words, and should be addressed to:

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Dial turns to FM for community station

THE newest FM radio station in Adelaide is also Australia's oldest and most respected community station.

From October 1, 5UV Radio Adelaide begins broadcasting on 101.5 FM. The change means that the city of Adelaide will finally be able to hear Adelaide University's station in glorious stereo, and with a much stronger signal.

5UV was the very first community radio station in Australia, beginning broadcasting in 1972. Since then the station has built a reputation as a provider of quality broadcasting, winning national awards year after year.

The station has waited more than 12 years to convert from the AM to the FM band, but it's been worth the wait.

The quest to go FM dates back to September 1988. After several setbacks, the Australian Broadcasting Authority (ABA) notified the community broadcaster in November last year that it had recommended a permanent FM licence. The station finally got the green light last month.

"The FM licence is a major step forward for 5UV Radio Adelaide," said Station Manager Ms Deborah Welch.

"The most obvious benefit will be the clarity and power of our signal, putting us on equal terms with the 'big' commercial stations. From the listeners' point of view, the quality of our broadcast will be strengthened, which means they will get to enjoy our programs even more. The increased power of our signal also means that we have access to a much larger audience in Adelaide which, unfortunately, often couldn't tune into us on the AM band."

The frequency of 101.5, in the centre of the FM dial, means that more listeners in Adelaide will be able to "discover" the station,

Ms Welch said.

"It certainly gives us more 'visibility' and provides radio listeners with a chance to make the discovery that many couldn't make before. As people tune through their radios they will begin to hear this new station at 101.5, and our aim is to catch their interest with the sort of innovative and independent programming not heard elsewhere.

"Some recent examples include the station's special coverage of the Festival of Ideas, which generated great interest, and unique live broadcasts from local music festivals, such as Womadelaide in February, and coming up, the Glenelg Jazz Festival."

Ms Welch said staff and the hundreds of volunteers at Radio Adelaide were thrilled about the change to FM.

"There are so many people who put their hard work into our programs, and now we feel that we are finally getting the chance to be heard the way we should be heard.

"Our obscure position on the AM dial has tended to make us one of Adelaide's best kept secrets, but we have an excellent and unique range of programming, and now it will sound better than ever."

The move to FM does not mean that the programs on the station will change, at least not radically.

"With our wide mix of music, arts, lifelong learning and current affairs, and the diversity of our broadcasting team, 5UV Radio Adelaide will stand out from the crowd of music-only stations on the FM dial," Ms Welch said.

"Our aim is to reflect Adelaide in all of its diversity, and our new name, Radio Adelaide, is part of this evolving identity."

One person who has waited longer than most for 5UV's FM conversion is long-serving broadcaster and producer Ewart Shaw.



Ms Deborah Welch and volunteers at 5UV Radio Adelaide – now on 101.5FM. Photo: Ben Osborne.

"Going FM is important for me because I know the listeners will be able to hear the music I play as I hear it. We have been playing the music in stereo for so long, but now it will be heard in stereo," he said.

"I'm also hoping the station will start to receive more fan mail from local listeners, and

not just from those wonderful people in Alaska who are listening to us on the internet."

5UV Radio Adelaide will still be broadcast on 531 AM until the end of the year, and can be heard by "tuning into" the internet at: www.radio.adelaide.edu.au

—David Ellis

BRIEF HISTORY OF 5UV

1972 – 5UV begins broadcasting as VL5UV, the first public station in Australia. The station was made possible by a bequest from Kenneth Stirling, a graduate of Adelaide University.

1974 – the station moves to 530 on the AM band, later changed to 531, where it has stayed until this year.

1988 – then station manager Jill Lambert submits a formal request for FM conversion.

1990s – the next station manager, Jeff Langdon, takes up the job of lobbying for an FM licence.

1992 – Dr Langdon gets the go-ahead from the then Minister Michael Duffy, but weeks later the Broadcasting Act is amended and the newly established ABA decides to start the entire process from scratch.

1999 – new station manager Deborah Welch continues the push for FM.

2000 – 5UV told by the ABA that it will go to FM.

2001 – FM licence finally granted. 5UV Radio Adelaide begins broadcasting on October 1 on 101.5 FM.

Roseworthy Open Day highlights taste of tomorrow

DID you know that:

- research at Roseworthy has helped farmers grow the grain that's used to make breakfast cereal?
- Roseworthy Campus graduates are in great demand in Australia and overseas, and industry wants more of them?
- Roseworthy Campus has a fully operational commercial farm?

The Roseworthy Campus of Adelaide University is recognised nationally and internationally as a premier research and education facility in agricultural science and natural resource management. It's home to some of South Australia's leading scientists, and includes campus partners PIRSA, SARDI and TAFE.

Roseworthy's Open Day (October 7) will highlight the key role of the agricultural and horticultural industries, and the research and education that underpin those industries.

You can find information on the array of careers available to students through academic programs at the University. You can also find out about the excellent job prospects that ensure the majority of graduates are snapped up by industry before the ink on their final exam papers is dry.

Visitors will be able to discuss recent research findings and current projects with staff and PhD students in the areas of livestock production, animal health, genetic selection, sustainable resources, pastures, nutrition, reproduction and biotechnology, and see the Roseworthy Farm in action.



And then there's all the family fun of a community show day—slow tractor races, food tastings, fashion parades, horse riding, a CFS demonstration, cutting edge farm technology, art and craft, animal farm, model railway, farm museum, and archery!

The Roseworthy Campus Open Day is an official event of Tasting Australia 2001.

Roseworthy Campus Open Day
Wasley's Road, Roseworthy
10am - 4pm, Sunday, October 7
entry: gold coin donation

Uni mourns former Chancellor

THE DEATH of former Chancellor Mr Bill Scammell CBE, aged 81, has caused widespread sadness among the Adelaide University community.

Adelaide-born Mr Scammell, a former Managing Director and Chairman of F.H. Faulding, was appointed University Chancellor in 1991 and re-appointed for a second term in 1995. He retired from the position in 1998.

Paying tribute, Vice-Chancellor Professor Cliff Blake AM said Mr Scammell had been one of the most popular Chancellors in the University's history.

"His gift for communication and his genuine interest in people endeared him to students and staff alike," Professor Blake said.

"Coming from the world of business as he did, Bill Scammell helped to establish much closer links between Adelaide University and the business community. He recognised the importance to South Australia of bringing 'town and gown' together and, during his two terms as Chancellor he played a major part in ensuring that this happened.

"His consultative approach to decision-making and his natural empathy with people won him the support and admiration of the University community. After he retired as Chancellor, he maintained a close interest in the University's affairs. He was a regular visitor to the North Terrace Campus and, until a few weeks before his death, had been attending lectures in history and politics.

"On behalf of the entire University community, I extend sympathy to his wife Pat and family on their sad loss."

Mr Scammell was educated at Queen's College and St Peter's College in Adelaide. He went on to study industrial chemistry at



Portrait of Bill Scammell.

the School of Mines but his studies were interrupted by war service.

In 1948 he joined F.H. Faulding, following in the footsteps of his uncle, Alfred Scammell, who had been company chairman for 31 years. Bill Scammell went on to turn Faulding into a player of international significance in the global pharmaceuticals industry. In recognition of his achievement, he was made a Commander of the British Empire in 1983.

During his distinguished career Mr Scammell also served as a board member of Advertiser Newspapers Ltd, the AMP Society and Santos. He was a keen sports fan and in 1993 became the No.1 ticket holder for the South Australian football club, the Port Adelaide Magpies.

—John Drislane

Pitting olive against olive at uni tastings

WITH our Mediterranean climate, olives and olive oil are big business for South Australia. That means the quality of olives being produced in this State is highly important to industry.

Olives are also an important item on the University's research menu, with research efforts spearheaded by the Department of Horticulture, Viticulture and Oenology (HVO) at the Waite Campus.

HVO recently played host to the official tastings for the 5th Extra Virgin Olive Oil Awards and the 2nd Table Olive Awards, a combined annual event run by Olives South Australia.

The main prize is recognition within the industry. The awards also help producers gauge the quality of their oils and table olives, with judging criteria developed by HVO staff, based on international standards.

At the tastings last month, two classes of olives were judged: black table olives with stones, and spiced or dried table olives. This year there were 14 entries for table olives and 67 entries for olive oil.

"Several criteria are assessed, including appearance, colour, texture and flavour," said Dr Jenny Guerin, a Postdoctoral Fellow with the University's olive research team.

"Flavour, saltiness, bitterness and overall balance of flavours are all important factors in table olives," she said.

The judges included South Australian food experts Maggie Beer, Zannie Flannigan and Mark Gleeson, and Professor Stan Kailis

from the University of Western Australia.

Dr Guerin said events such as this were valuable for both the University and the olive industry.

"Adelaide University has close links with the industry and we regularly update results from our research projects to the industry via Olives South Australia.

"The main issues in olive research at the moment are the selection of new varieties from superior feral olive trees, developing methods for reliable olive identification, and understanding the main factors that influence oil yield and quality," she said.

Research projects into olives at the Department of HVO are led by Professor Margaret Sedgley and show the breadth and depth of scientific expertise at work:

- Selection of superior olive trees from the feral populations in southern Australia, with the aim of producing new olive varieties adapted to Australian conditions that are high yielding and have unique oil flavours (Dr Jenny Guerin, Professor Margaret Sedgley and Research Associate Dr Michael Burr);
- DNA fingerprinting for variety identification of olives (Dr Jenny Guerin, Dr Graham Collins and Prof Margaret Sedgley);
- Pollination compatibility between varieties for good fruit set and high yields (PhD student Shubiao Wu, Dr Graham Collins and Prof Margaret Sedgley);
- Chemical and sensory analysis to



determine olive oil quality (Dr Graham Jones);

- Construction of a genetic map using morphological and molecular markers (PhD student Shubiao Wu, Dr Graham Collins and Prof Margaret Sedgley).

HVO isn't the only department interested in olives, with other research projects found elsewhere at the University. These include an examination of the history of the olive

industry in South Australia (by Department of History Masters student Craig Hill), and work into the irrigation of olives (by Dr Ian Nuberg from the Department of Agronomy and Farming Systems, Roseworthy Campus).

The results of the olive tastings are yet to be known, with the judges' final decisions to be announced at an award presentation lunch on Sunday, October 7 at Zac's Restaurant, West Lakes.

Top government manager appointed

AN EXECUTIVE with the Premier's Office has been appointed Executive Director of Student and Staff Services at Adelaide University.

Ms Susan MacIntosh will take up her appointment on October 22, replacing Mr Ian Creagh, who has taken a position at the City University of London.

An Adelaide University graduate, Ms MacIntosh is currently Executive Director, Corporate and Organisational Development at the Department of the Premier and Cabinet, where she has worked since 1993. Her previous positions in the Department were as Director of Executive Services and Program Coordinator, and Director of the Cabinet Office.

Ms MacIntosh is also a former Director of the Department of Labour and Administrative Services and has held senior positions in the Department of Personnel and Industrial Relations and the South

Australian Health Commission.

The Vice-Chancellor, Professor Cliff Blake, said he was pleased that the University had attracted a senior administrator of Ms MacIntosh's calibre.

"Her extensive experience in top-level management positions makes her a valuable asset to the University," he said.

"The Division of Student and Staff Services plays a critically important role in providing administrative, academic and support services to our 13,000 students and 2500 staff. These services are essential to support our core activities of learning, teaching and research.

"Ms MacIntosh has the skills and experience to provide strong and purposeful leadership and ensure that the University stays client-focused and responsive to the needs of students and staff."

—John Drislane

Students promote tolerance in wake of U.S. attacks

STUDENT leaders at Adelaide University have urged the people of Adelaide not to blame Islamic members of the community—including students—for the recent tragedies in the United States.

Adelaide University's Students' Association and the Islamic Students' Society have jointly condemned the recent terrorist attacks in America and urged all South Australians to remain calm and tolerant during this time.

"It is important to remember that this act of violence, no matter who committed it, is blatantly against the teaching of Islam and the beliefs of the Muslim people," said Asad, President of the Islamic Students' Society.

Students' Association President Tom

Radzevicius said: "The Students' Association recognises the importance of a diverse and vibrant community and the strength and tolerance of beliefs that it promotes.

"During this time of sadness it is imperative that all members of the community—including university students and staff—come together and support each other.

"We need to realise that any acts of hatred and intolerance towards Islamic members of our community would only serve to perpetuate the divisive agenda of those responsible for this heinous crime.

"Rather than being divided, we should be united through tolerance and understanding," he said.

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Enhanced internet needed more than ever

FRUSTRATED by the internet? Finding it too slow, too complicated, or just confusing? Shouldn't it be more accessible, and cheaper?

The new Centre for Internet Technology Research at Adelaide University aims to address some of the current internet problems, to make it faster and more pervasive.

The centre, which opened officially last month, has been established to bring together the best expertise in internet technology in one place.

The centre's work will be based upon basic and applied research to improve and develop the technology that drives the internet. It will also undertake research to examine ways to improve the use of the technology in social and business environments.

The University's Pro Vice Chancellor

International and Executive Dean of the Faculty of Engineering, Computer and Mathematical Sciences, Professor Ian Young, said the centre's work was more important now than when it was initially conceived.

"As the internet has developed, the inadequacy of its technology has become more apparent. Its success and wide adoption now require a greater focus on the science and technology that underpin it to enable the internet to mature."

Professor Young said the centre's work would be the kind of fundamental and basic research that leads to important breakthroughs in the development of technology.

"Development of new and advanced technology for the internet must continue, despite the downturn and crises in the global

industry in the past 12 months," he said.

"The research to be done by the centre is often highly specialised and complex, but can lead to the necessary technical breakthroughs that, ironically, make the technology easier to use, cheaper and more functional."

The centre, located in Adelaide University's building on 10 Pulteney Street, Adelaide, will in turn be connected to the national Cooperative Research Centre for Smart Internet Technology, which the university is also involved in.

Professor Young said the centre would also collaborate with Adelaide's recently established mNet Corporation, a wireless technology platform for mobile internet supported technologies with North Terrace as its testing site.

—Collette Snowden

Why we're feeding the public on child nutrition

WIDESPREAD obesity is a curse of modern times, and also of developed countries where food is plentiful and available to all. Ironically those are the countries where education is also available to all. You might expect that the education would help reduce the obesity.

Nutritional advice is, in fact, freely available, but often in the form of slimming advice for the already overweight. New diets—some sound, many absurd—grace the pages of many magazines, but proper nutritional attitudes are best developed not in adults anxious about their body images, but in the very young, along with other important life skills.

The National Child Nutrition Program is a community grants program funded by the Commonwealth Department of Health and Aged Care. It is aimed at boosting child nutrition throughout Australia, and will assist around 120 communities. Its many projects will be delivered through collaborative partnerships with local organisations, to develop innovative strategies which improve the nutrition of pregnant women and children.

In the first round of applications there were 93 successful projects. Four of them in South Australia aim to develop sound nutritional attitudes in children from 0 to 5 years of age, with most of their efforts directed at children in child-care centres. The four projects combine the efforts of about a dozen partners, of whom Adelaide University is one.

The **Start Right - Eat Right Child Care Nutrition Award Scheme** has its two-year pilot project in Adelaide. It is designed to strengthen the capacity of childcare centres to provide a nutritionally adequate menu, good hygiene practices and a supportive and enjoyable eating environment for children. It will provide training and support for centre cooks and managers.

Talking to Families About Nutrition will increase the awareness and understanding of nutrition in families with young children by working with community dieticians and nutritionists to develop ongoing strategic links at the local level.

The **Healthy Food Choice in Family Day Care Project** will work to increase the capacity and confidence of Family Day Care providers to promote healthy food choices to children in their care and to their families.

The youngest children will be served by Adelaide University's **Breastfeeding in Public: Improving Community Attitudes**. This project aims to improve community acceptance of public breastfeeding through the accreditation and promotion of businesses that are friendly towards breastfeeding.

"The objective of this study is to pilot the accreditation and promotion process in three areas in South Australia: Whyalla, Elizabeth and Mount Barker," said Rose Boyd, the project manager (Department of Public Health).

"The project will then be implemented nationally in 2002, with the aim of accrediting breastfeeding-friendly public places and businesses throughout Australia," she said.

The project, developed in collaboration with the Australian Breastfeeding Association, involves the distribution of a sticker that can be shown by restaurants and other businesses.

"This marketing aid will show mothers that they are welcome to breastfeed at the venue," said Ms Boyd.

"At the same time it will raise the awareness of the community that breastfeeding is acceptable in public."

Details of the program and projects can be found at www.health.gov.au/pubhlth/strateg/childnutrition/index.htm.

—Rob Morrison



Breastfeeding in public is one of the issues being tackled to raise public awareness of child nutrition. Photo: Brenton Edwards.

Fine music and fine food



MUSICIANS from Adelaide University will share the spotlight at a major festival of popular classical music performed as part of this month's Tasting Australia.

The inaugural City of Adelaide 'Terrace Proms' is a classical music event open free to the public and performed among some of the beautiful buildings, art centres, public open spaces, parks and gardens along North Terrace. The venues include Elder Hall at Adelaide University's North Terrace Campus.

To be held on Sunday, October 14, the Proms is an important part of the Feast for the Senses 'Food & Wine Fair' to be staged in Elder Park during Tasting Australia.

At Elder Park, the Adelaide University Choral Society performs on the main stage at 2.00pm, while Mozart on the Menu at 4.30pm features the Elder Conservatorium Chamber Orchestra, acclaimed pianist Simon Tedeschi and opera singers Wendy Hopkins and Andrew Foote, all

conducted by Tim Sexton.

The Chamber Orchestra, Tedeschi, Hopkins and Foote will also hold a Mozart concert earlier in the day at Elder Hall (2.00pm), again conducted by Tim Sexton.

Some other fine young musicians from the University's Elder Conservatorium will also feature in performances along North Terrace.

Outside the University, the Conservatorium Winds will perform at 1.00pm and again at 3.00pm; out the front of the Art Gallery, the Elder Brass Ensemble will be heard from 11.30am and 3.00pm; and the Conservatorium Strings will play outside the Museum from 12.30pm and again at 3.00pm.

Some of Adelaide's most respected classical musicians will also make appearances during the day, many of whom are Adelaide graduates.

For more information about the Terrace Proms event, phone (08) 9481 0499 or check the official Tasting Australia website: www.tasting-australia.com.au.

Jazz wraps up concert series

THE ANNUAL jazz concert on Thursday, October 11 in Elder Hall presents Adelaide University's most outstanding jazz ensembles and performers in a spectacular finale to the 2001 Elder Conservatorium Concert Series.

Jazz - Then and Now, compiled by the ABC's jazz broadcaster Jim McLeod, weaves together a tribute to a century of vocal jazz styles.

The huge line-up features international jazz vocalist Anita Wardell, the Adelaide Connection jazz choir directed by Ross Burford and the Adelaide University Big Band directed by Hal Hall.

Also featured are vocalist Jo Lawry, Adam Lee (guitar) Marvin Leung (sax), Derek McLure (bass), Shane Ellery (piano) and Con Koutsouliotas (drums).

Director Ross Burford has compiled an affectionate look at the history of the Adelaide Connection, from its formation in 1982 by founding Director John McKenzie, through the six-year leadership of Connaitre Miller to the present day.

There'll be a retrospective selection of highlights from the Adelaide Connection's four-CD collection including *Makin' Whoopee* (1984), *Nice 'N' Easy* (1988), *Gotcha* and *Nature Boy* (1999).

Both Anita Wardell and Ross Burford are themselves distinguished Alumni of the Adelaide Connection, so this promises to be a homecoming reunion.

Since it was formed in 1978 by Hal Hall, the Adelaide University Big Band has performed with such jazz luminaries as Lee Konitz, Don Rader, James Morrison, George Golla and Don Burrows. It has toured extensively

throughout South Australia and interstate, and has featured at the Monsalvat Jazz Festival, and at the Manley Jazz Festival three times.

In the second half, Director Hal Hall puts the Adelaide University Big Band through its instrumental paces, and then Jo Lawry and Anita Wardell join the band for some high-power vocal tributes.

A special feature will be the use of vocal arrangements for big band by American jazz musician Tom Husak, currently Visiting Artist in Residence with the Jazz program.

And of course, the annual jazz concert wouldn't be complete without a huge finale, which usually brings the house down. This jazz concert at Elder Hall is usually a sell out, so it's best to book in advance.

—Di Kidd
Concert Manager

Jazz - Then and Now

Thursday 11 October
8.00pm, Elder Hall

Adult \$22/Conc \$14/
Students \$8

Book at BASS 131 246

All Adelaide University staff qualify for the concession price of \$14 by showing a staff card at any BASS outlet or at the door.

COMMENTARY

TRUST ME, I'M A SCIENCE COMMUNICATOR!

THE TERM "science communicator" puzzles some people. Science communicators can be teachers, journalists, broadcasters, authors, or work in organisations that need people who can make difficult science material accessible to the public. They share a conviction that science, its potential, methods, even its hazards, should be better understood by a wider audience.

It couldn't have happened at a better time. On the one hand, we are bedevilled by pseudo-science and new-age nonsense, such as healing crystals, numerology and creation science. On the other hand, real scientific developments now occur so fast that they outpace society's ability to respond. Stem cell cultures, genetic engineering, internet communication and cloning all highlight science's extraordinary progress, but also society's ponderous inability to cope with its ethical and legal consequences.

Science communicators have also emerged at the right time to play an important role in the transformation of our universities. Once adequately funded to allow research in all areas, they must now increasingly find money from fee-paying students, corporate links and patenting the products of academic research.

This works well if you research something marketable, like biotechnology, but if your research involves classifying seaweeds, or the ecology of snails, you may have trouble winning scarce money for it no matter how good your science; for as the emphasis shifts to entrepreneurial activity, it's not scholarship alone that counts but corporate links and business savvy. Unfashionable science has little place in the corporate world.

Despite the dubious message that science that really matters is science that pays, it has created openings for science communicators. To attract corporate dollars, universities must be recognised as research high-fliers, and promoting research is what science communicators do. Several universities and bodies such as Cooperative Research Centres and the CSIRO have them now, to put out good science news to the media linked to their organisation's name.

Traditionally that is done through a media release faxed to newsrooms, radio shows, freelance journalists and so forth. The newsroom's chief of staff distributes incoming faxes of interest to waiting reporters. One day's faxes may contain hundreds of stories, but only a few will be used.

Freelance journalists don't want the story that everybody else has, so they research their own stories, and find the internet and worldwide web invaluable. Some websites simply post science media releases. Science reporters access them for unlimited stories, packaged and ready to go.

These websites are equally valuable if you are a science communicator trying to get your story out. No longer at the mercy of chiefs of staff, it is there for any freelance reporter to use.

But there are now more science communicators writing these stories, and while the number of stories being used by the media is also growing, it is not in proportion to the number being produced. Which then survive? Those considered the strongest stories, which often means those with the strongest angle.

Five angles apply particularly to science stories: the release of a **study's finding**; a **controversy**, especially between specialists; the quirky or unusual (perpetuating the 'eccentric scientist' stereotype); the **Guinness Book of Records** angle (biggest, most expensive, any superlative); and while most research involves discovery, many journalists use that angle alone, with 'breakthrough' the cliché of the science story.

But these common angles are now being overtaken by another; that of the **science that hasn't taken place**. Science stories once featured discoveries that had been *made*. These days, they often feature research that *may lead* to an important advance, with the hypothetical promise of this advance providing the angle, making the story work, and occupying a large proportion of it. Even more hyperbolic is the story announcing a large grant to *begin* research that *may lead* to a *great advance of conjectural* value.

Darwinian processes of natural selection are now at play in the science media. Only the "strongest" stories are selected for. They include quirky, controversial and extreme stories but, increasingly, speculative stories that exploit where a discovery *may lead* one *unspecified day*, if things turn out as *hoped*.

There is nothing wrong with this as such—the scientists and their research are good, the stories legitimate—but the balance is shifting as honest records of solid achievement give way to exciting but speculative appraisals of where preliminary research (or grants to undertake it) might *one day* lead. What readers take from them is not so much the science in them but conjectural inferences of what it may become. Science reporting is starting to resemble science fiction.

To test this perception, I punched the words "stem cell" into the search engine of EurekaAlert, perhaps the most influential science release website in the world. It turned up 243 stories containing those words. The engine can rank them according to several factors; I chose date first, and read the ten most recent stories.

Only three avoided the speculative angle, dealing respectively with anatomy, ethical issues and why cloned cells die. The other seven, while describing good research, were newsworthy because of where that research might *one day* lead.



They claimed that there "may now be the option of donor cell treatment", it "may open a new door", that stem cells "might one day mend damaged hearts", "cure urinary incontinence", "treat a variety of diseases" or "theoretically repair any organ". It's possibly all true; we'll have to wait and see. In the meantime, these science stories ride to an uncomfortable extent upon their conjectural angles.

That is not just my value judgement. Search engines can tell you the degree of relevance of what they find, expressed as a percentage. The average relevance of the seven speculative stories was 80%. By contrast, the purely factual stories rated 63%. Eighty percent against 63%? It's a telling difference if you want a winning edge that gets your story to air. The clear lesson is to use a strong speculative angle of the promise of things to come, with the underlying science a lot further down in the text.

The search engine can also rank stories according to this relevance. Another search for the 10 most relevant stem cell stories averaged them at 87%. Again, only three lacked the speculative angle, announcing a call for public comment, a Congressional briefing and stem cell injections that helped Lupus sufferers.

The other seven stories, in varying degrees, used the speculative angle of where stem cells might one day cure: spinal cord injury, Alzheimer's disease, strokes, Lou Gehrig's disease, diabetes, immune disorders, Parkinson's disease, cancers, heart failure, spinal paralysis, multiple sclerosis and other therapeutic applications. One story cautioned that this experimental procedure "may work in humans, but there is still a long way to go".

So what's the problem? *News is really entertainment, so surely anything goes... We're just doing our jobs?... There is still good science being reported...*

These are all reasonable excuses or, if you like, legitimate claims. But surely, in the developing field of science communication, we may not want to see it continue this way. If this is how the world's most consulted and most respected science news website evaluates its top stories, what comes next?

Just as universities are being edged towards research with a commercial payoff, science communicators are being eased into extrapolating from scientific findings into speculation, hyperbole and even fantasy. There is good science in these stories, but strip the hyperbole away and much of the science is slighter than that behind the classification of seaweeds or ecology of snails. Add the hyperbole, and stem cells will beat algae and molluscs to news broadcasts every time.

Perhaps, as specialist communicators, we need a certain code of practice. Maybe we should better separate the science in our reports from conjecture about its significance. Perhaps we should more often join that lone reporter in cautioning, when we predict the future benefits of today's research, that "we still have a long way to go".

And, while we reassure the public that we are there to help them decipher the sometimes complex but always exciting world of science, we might remind them that science is supposed to encourage healthy scepticism about dogma, and that reports from science communicators, just as much as the claims of the scientists they feature, should be treated with a healthy dose of that.

—Rob Morrison

Dr Rob Morrison is the Science Journalist for Adelaide University's Media Unit. This article is edited from his talk on Radio National's science program, Ockham's Razor, and is followed up in this month's issue of Australasian Science.

Advertisement



Walford Lecture

Initiated in 1993 to commemorate the centenary of Walford School

You are cordially invited to attend the 2001 lecture

***A new era in medicine:
the impact of the human genome project***

presented by leading biotechnology executive

Dr Deborah Rathjen

Chaired by Mrs Marilyn Haysom, Head of Walford

Tuesday 23 October 2001 8.00pm

Helen Reid Hall, Walford Anglican School for Girls, 316 Unley Road, Hyde Park.
Please telephone 8373 4062 for reservations. Free admission

EXCELLENCE IN EDUCATION

Even Dionysus wishes he had one...

GASTRONOMY and history lecturer Dr Barbara Santich has produced a new diary for 2002 which no self-respecting wine lover would be without.

Dionysian Diary 2002—The wine lover's daily companion is a 156-page diary featuring dates of major Australian wine shows, festivals and conferences, together with witty wine quips, wine trivia pages and pages for wine tasting notes. The diary also includes stunning photographs by Andrew Dunbar.

Dr Santich, a lecturer with the Department of History at Adelaide University, enjoys national and international recognition as one of Australia's most respected and original food writers.

Her passionate interest in food, culture and history has led to the internationally successful *The Original Mediterranean Cuisine*, as well as *Looking for Flavour*, winner in the best softback category of the 1997 Australian Food Writers' Awards, and *Apples to Zampona*, forerunner of a successful series of city food

guides, which includes *The Goods*, *Capital Taste*, and *Sydney Sources*.

For more than 20 years Dr Santich has written for Australian and international journals, books, magazines and newspapers, including *The Oxford Companion to Food*, *The New York Times*, *The Sydney Review*, *Gourmet Traveller*, *The Australian* and the *Financial Review*.

Her *Dionysian Diary 2002* is the only wine-lover's diary produced in Australia. With its at-a-glance summary of wine statistics for Australia and the world, calendar of wine shows and festivals for 2002, week-to-an-opening layout, witty quips, trivia (did you know that the average vineyard in Burgundy has less than two acres per proprietor?), and pages for wine tasting notes, the diary is set to become an ideal Christmas gift for anyone who appreciates good wine.

Published by Wakefield Press, *Dionysian Diary 2002* retails for \$29.95 and is due for release in book stores next month.

Wine industry wins national research bid

AUSTRALIA'S wine industry capability and research effort is to be boosted thanks to a major Federal Government grant to an Adelaide-based consortium of wine researchers, including Adelaide University.

Under the Federal Government's Major National Research Facilities Program, the Commonwealth Government will contribute \$4.5 million and the South Australian Government \$700,000 to the establishment of a 'National Wine Research Cluster'.

An additional \$2.5 million will be contributed by partners in the bid, including the Australian Wine Research Institute, CSIRO, the South Australian Research and Development Institute, Adelaide University, the Grape and Wine R&D Corporation and Charles Sturt University.

The Cooperative Research Centre for Viticulture will contribute in-kind support as will all other partners.

"This facility will strengthen the national capacity to perform grape and wine research in support of a rapidly expanding wine industry," said the Director of the

Australian Wine Research Institute, Professor Peter Høj.

"There is funding for both building expansions and purchase of state-of-the-art analytical, fermentation and harvesting equipment."

Mr Robin Day, a Director of Orlando-Wyndham and a member of the bid team, said the availability of such new infrastructure was crucial and would secure better returns on public and private funding in industry-focused research.

"It will deliver knowledge, recommendations and services, which allow wine industry practitioners to manage vineyards and wineries to specified market requirements, with consequent growth in exports and employment, largely in regional Australia," he said.

CSIRO Plant Industry Deputy Chief Dr Nigel Scott said the successful bid was a real coup for the wine industry nation wide.

"This facility makes the Australian wine industry's commitment to a knowledge-based approach to wine production even more powerful," he said.



Top drop is brewing thanks to science

THE QUALITY of beer isn't just a recreational concern for Dr Evan Evans—it's also his job.

Dr Evans is a Research Fellow working within Professor Andrew Barr's barley breeding program in the University's Department of Plant Science (Waite Campus).

A primary aim of this program is to develop improved barley varieties that can produce better malt to make more and better quality beer. This puts Dr Evans in an enviable position: "It's a tough research job, but someone has to do it," he said.

In assisting barley breeders, Dr Evans has been identifying and characterising malt factors that impact on beer quality and the efficiency of the brewing process.

The projects being investigated by Dr Evans's group include the influence of malt protein composition on the formation of beer

foam and haze (cloudiness).

Brewing process efficiency is being improved thanks to the investigation of malt components that influence beer filtration, lautering and the production of nutrients that help in yeast fermentation.

Dr Evans's research has been generously supported by funds provided by the Grains Research and Development Corporation over the past nine years.

A feature of his work has been collaboration with research teams from the major Australian brewers and maltsters. (Maltsters convert barley into malt, of which the bulk of this value-added product is exported from Australia.)

The next time you blow the froth off a beer, you might remember Dr Evans's hard work.

Dr Evans is a founding member of the newly formed Research Staff Association (RSA) at Adelaide University.



Dr Evan Evans.

From seagrass to shiraz: new professor

From Page 2

"Shrivel of the berry obviously involves some water transfer at some point, or an imbalance of water transference; there's more water leaving the berry than is coming in. So understanding where the water goes and whether or not it's related to areas in which I've already done research is something I find pretty exciting.

"Down the track I'd like to do more research on measuring water relations in grapevines, and to find ways in which growers can more conveniently monitor how water-stressed their vines are.

"This is the message I've been getting from growers, that there's a gap in how they can assess the water status of vines. That's really important because if you've got to decide whether or not to put on irrigation on a particular day you need to know if the vines actually need the water. Growers could save a lot of money on water if they had more accurate information about that. I've got a few ideas up my sleeve about how we can do that.

"There are techniques that researchers use to measure water status but they're actually quite complicated techniques; there's no way that you could monitor a whole vineyard with these techniques. So the

challenge is to find a way to measure the water status of vines to give growers a better idea about when to water and when not to.

"The other major things are salt tolerance and drought tolerance in vines. We all know that the water we're getting for irrigation in the Riverland is getting more saline, and so sooner or later we're going to be looking at developing more salt-tolerant root stocks.

"Research into this has been around for quite a while and there are already some salt-tolerant root stocks, but there are some disadvantages and the challenge there is to develop much better ones, and extend that to drought-tolerant root stocks."

How do you see the future of the industry, and its links with science?

"There's room for much further growth supported by high quality research and development. However, the amount of money that's being invested into R&D into viticulture and oenology in Australia is fairly small by world standards. The industry are flat out reinvesting into capital to maintain supply for our growing export markets.

"The industry supports research and

development through a levy on wine grapes that is matched by the Federal Government. The Grape and Wine Development Corporation manages this component of R&D.

"The industry puts significant funds into my position, as they have done also with research grants and other positions, and also into the Hickinbotham Roseworthy Wine Science Laboratory, the Australian Wine Research Institute and the CRC Viticulture here on the Waite Campus.

"So obviously the industry is keen to support research and development because they know it will help them in the long-run, but I think they would like governments to invest more as well.

"As far as I know, the industry is also keen to see more basic research going on; they're not just interested in specific applied projects, they do understand that basic, fundamental scientific research must underpin the applied research. So I've found the industry to be very progressive, and not just in research: the industry is very progressive when it comes to education. I get the feeling they want us to train students as good thinkers and scientists, to give them a broad range of skills which they can use to adapt to the various problems they will face in their chosen fields."

Adelaide wins \$11m in latest ARC round

MORE money for new research projects is coming into Adelaide University following the recent announcement of the latest grants from the Australian Research Council (ARC).

Adelaide has reaffirmed its position as a leading national research university, with \$11 million in total for research projects and infrastructure over at least the next three years.

Funding announced for Adelaide includes: \$8.9 million in large "Discovery" grants for 39 research projects (an increase on last year of \$1.8m)*; \$1.1 million towards new infrastructure, equipment and facilities based at Adelaide University; \$927,000 for nine research projects linked to industry partners; \$124,000 for three research projects linked with overseas universities.

At a State level, Adelaide University received 39 of the 56 Discovery grants awarded in South Australia.

"Adelaide University continues to perform strongly on a national level for major research funding," said the Vice-Chancellor, Professor Cliff Blake.

"It is pleasing to see an increase in our large grant monies, particularly when public funding for research is so tight. The University's reputation for quality research has been strengthened by the funding announcement," he said.

Projects funded at Adelaide University in this latest round of grants cover many of the University's areas of strength: science (including physics, genetics, chemistry, physiology, geological, agricultural and environmental sciences), mathematics, engineering, computer science and telecommunications, psychology, architecture, and humanities and social sciences.

Infrastructure money received by the ARC will be used to develop the University's very high energy gamma-ray telescope at Woomera in partnership with Japan, and to establish a new facility for surface and micro-structure analysis.

*This year's Discovery grants are a combination of the former ARC Large grants and Research Fellowships. Last year, the combined funding in these areas for Adelaide University was \$7.1m.

—David Ellis

Adelaide: hot &

Food critics summoned to supermarket shelves

EATING INTO THE FUTURE

International Food & Wine Writers' Festival
1.10pm, Saturday, October 13
Pioneer Women's Memorial Gardens, Adelaide

GASTRONOMY LAUNCH

Masters degree in Gastronomy
Friday, October 12
degree offered in 2002

IMITATION = FLATTERY

Food and Drink Centre sparks others around the world



FOOD writers need to cast their critical net beyond restaurants to the supermarkets, according to Adelaide University gastronomy lecturer Dr Barbara Santich (pictured).

Dr Santich plans to tell food and wine writers at a University-sponsored forum at this month's

Tasting Australia that they should be "road testing" new food products, in the same way that they review restaurants.

Adelaide University is one of the major sponsors of Tasting Australia, which runs in Adelaide from 5-14 October.

"I would like the forum to reflect on the roles and responsibilities of food writers and I think one of these responsibilities is to evaluate food products and prepared meals sold in supermarkets," she says.

"Just as diners eating out can select a restaurant based on published reviews, so those 'eating in' should be able to choose meals or meal components according to the recommendations of informed palates. The objective would be to promote eating for pleasure—and enjoying a meal is indeed one of life's pleasures."

She also suggests that a trained palate might be usefully engaged before some food products are made publicly available.

"I am critical of some new food products," she says. "There needs to be proper and expert evaluation before new foods are marketed."

Dr Santich will develop this argument at the

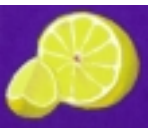
"Eating into the Future" forum, on October 13—part of the International Food and Wine Writers' Festival which in turn is one of the key events of Tasting Australia.

Other speakers at the forum include Adelaide University history Associate Professor **Robert Dare**. Dr Dare plans to predict the end of the 20th century "culinary enthusiasm".

"In the future, the refrigerator and the microwave will complete their triumph over the garden and the stove: our food will be grown anywhere and nowhere, prepared out of our sight by anyone or no-one, and consumed at anytime in the undifferentiated eating spaces of work, street and playground," he says.

"We will in other words take fuel rather than share meals, and when that happens, we will recognise the long twentieth century of culinary enthusiasm for what it was—a glitch in time."

The forum is just part of Adelaide University's extensive involvement in Tasting Australia.



Taking a bite from Adelaide

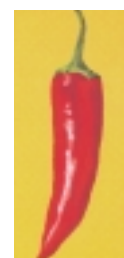
THE University's Research Centre for the History of Food and Drink is gaining increasing international attention.

Founded by Dr **Lynn Martin** in 1997, at the time the centre was the only one of its kind in the world. The main purpose of the centre is the promotion of research in the history of food and drink from production to consumption, in their relationship to issues such as politics, society, the economy, environment, health and culture. The centre also serves to promote the fine food and drink available in South Australia.

Dr Martin says the centre's work has sparked a rash of investment in similar centres overseas.

"There has been a world-wide development of interest in food and wine," he says. "Adelaide University's History Department has been on the crest of that wave.

"Since 1997, the European Union has sponsored the establishment of a similar centre in Strasbourg, which had its first symposium in June. A Canadian academic has also recently established a similar centre, and in November, the American Centre for Wine, Food and the Arts will be opened."



Only degree of its kind

ANOTHER highlight of Tasting Australia will be the launch of the University's Masters program in Gastronomy on October 12. The Premier, Mr John Olsen, and the President of Le Cordon Bleu, Mr Andre Cointreau, will launch the program, which is unique in the world.

Run jointly with Le Cordon Bleu, the program will take in its first students next year and will be offered entirely on-line as well as on campus.

The Gastronomy program has been developed for people who have a passion for the study of gastronomy and for professionals seeking related careers in hospitality, media or tourism.

Twenty inaugural scholarships—each worth \$10,000—will be offered in 2002 for students studying on campus, reducing the cost of the program to \$20,000.

The Director of the Gastronomy program, Dr **Lynn Martin**, said people from all over the globe had shown interest in the Masters program.

"We expect people will take the course on-line in New York, Brazil, Europe and elsewhere," he says. "I have had 50 queries from 15 different countries so far."

Enrolment information can be found at the Le Cordon Bleu website: www.cordonbleu.net; or phone (08) 8348 4659 or email: australia@cordonbleu.net

and happening



Science on a plate

IT'S said that the proof of the pudding is in the eating. And this month, the international media will be the proof of research during Adelaide University's "Science on a Plate" tour.

The tour, part of Tasting Australia, takes international media through some of the brilliant work conducted by the University's Faculty of Agricultural & Natural Resource Sciences.

Supported by producers including Maggie Beer, Australian Native Produce Industries, Coopers Brewing and Temple Bruer Wines, and catered by Adelaide's own Ann Oliver, the tour promises a full day—and a full tummy—to remember.

Tasting Australia generates millions of dollars worth of promotion for the State and hundreds of stories in newspapers and magazines devoted to food and wine all around the world. The media representatives who come here are very curious indeed about the myriad research and education activities at Australia's premier food and wine university.

Their tour will include tastings of products such as beef, legumes, olive oil, barley, chilli, wine, native spices and grains—all of which Adelaide University is researching. The tastings will be held in the Plant Research Centre on the Waite Campus where the University's research in native flora will also be on show.

The media will view the unique 'Chemical Nose' Facility for Aroma and Flavour Analysis (one of only five operating worldwide and housed in the Hickinbotham Roseworthy Wine Science Laboratory), hear presentations on current research in wheat testing and malting, and have a chance to meet future winemakers among the University's students.

After their tour, members of the media will join researchers and producers for a very special lunch devised by Ann Oliver. Her menu will focus on the produce currently being researched at the Waite and Roseworthy campuses.

Ann has created special recipes for Triticale pocket breads, to serve with babaganoush and tabouleh, chicken roasted with harissa and served with couscous and pickled lemons, a sauce of Australian blood limes and chilli, and much more.

Triticale will also feature in a rich fruit loaf, and Ann says she's excited by the opportunity to use this grain, which is rather like a cross between wheat and rye and has a sweet, aromatic flavour that lends itself to all sorts of breads and cakes.

The wide-ranging work of the Livestock Systems Alliance at Roseworthy will be represented by meat tastings on the tour and a range of top-quality products at lunch.



It won't just be a taste of what's happening around the University, it will certainly be a taste to remember!



ree d in the world



Eating our *words*

SOME of the world's leading food and wine writers will share their secrets with the public at this month's International Food and Wine Writers' Festival (October 11-13).

The free festival is part of Tasting Australia and has attracted more than 50 international and Australian guest speakers. Adelaide University is a major sponsor of the event.

Over three full days, visiting wordsmiths will enlighten the crowd on a range of thought-provoking and entertaining issues. Festival-goers will encounter a conversational pot-stirrer and best-selling Australian journalist, a producer who went from the Beatles to food, and a man who knows exactly why wine is better than sex.

Master of Ceremonies for the event is Australian music and food writer **Michael Shmith**.

Among those playing prominent roles will be popular television food presenters **Rick Stein** and **Nick Nairn**, **Dorinda Hafner**, producer **Richard Bryan**, 'wine mythologist' **Stuart Gregor** and American **Mark Miller** of the famed Coyote Café. Special guest speakers also include Australian television chefs **Peter Howard**, **Gabriel Gaté**, **Maeve O'Meara** and celebrated journalist **George Negus**.

Other highlights include two live-to-air ABC radio Table Talk discussions on **Pleasure and Anxiety of Eating** with Ian Parmenter,

Stephanie Alexander and Neil Perry; and **Culinary Educators—The New Breed** with Richard Grausman, Lauraine Jacobs and Arlyn Blake.

More mental nourishment is given in **Food of the Future** with Sherry Clewlow, Catey Hillier and Darina Allen; **BBQ's...The Burning Issue** with Michele Curtis, Allan Campion and Adelaide's Mark Thomson; **Recipe Writing** with Barbara Gibbs Ostmann, Stephanie Alexander and Donna Hay; and the **Role of Media in Developing the Culture of Eating & Drinking** with Gabriel Gaté, Dorinda Hafner and John Newton.

Adelaide University's **Eating Into the Future** forum, chaired by Alan Saunders, will debate a range of issues with Robert Dare, Barbara Santich, Cherry Ripe, Darina Allen, Mark Miller, John Newton and Sinclair Philip.

Six book launches are planned over the three days, including books by Sally Marden, Margaret Fulton and Barbara Beckett, Stuart Gregor, Greg Duncan Powell and Ben Canaider, and Annabel Langbein.

The festival will finish with confessions of TV "foodies" Rick Stein, Maeve O'Meara, Richard Bryan and Dorinda Hafner.

For more information visit the official website: www.tasting-australia.com.au

WORLD MEDIA EVENT

Tasting - and toasting - our research

INTERNATIONAL FOOD & WINE WRITERS' FESTIVAL

Pioneer Women's Memorial Gardens, Adelaide
October 11-13
Cost: FREE

Radiocarbon dating aims to stamp out "Chateau de fraud"

WINEMAKING fraud could be uncovered by radiocarbon dating, following a study by experts from Adelaide University and the Australian Nuclear Science and Technology Organisation (ANSTO).

The work is the result of collaboration between team leader Dr Graham Jones of the University's Department of Horticulture, Viticulture & Oenology and Dr Ewan Lawson and Dr Claudio Tuniz of ANSTO's Physics Division.

Dr Jones said their studies showed that carbon dating—the method better known for use on the Shroud of Turin and ancient relics such as rock art—can also be used for dating and authenticating recent wine vintages.

"Detecting unauthorised additives and other wine forgeries is of growing importance to the industry," Dr Jones said.

The method relies on measuring tiny amounts of Carbon 14 (¹⁴C) in materials which were once in equilibrium with the atmosphere.

Incorporated within carbon dioxide, relatively large amounts of ¹⁴C were released as a result of atmospheric nuclear weapons testing during the 1950s and early 1960s. The uptake of this atmospheric carbon dioxide by plants means that plant derived products can be accurately dated.

"The amounts of ¹⁴C to be found in plant material at particular dates are known from studies of tree rings and from atmospheric carbon dioxide samples," Dr Jones said.

"In the case of wine, sugars and other



components, such as flavour compounds accumulated in the grape berries during their ripening, contain this age information. When the grapes are fermented into wine this information is retained in the alcohol and many other wine components."

Atmospheric radiocarbon levels surged after nuclear testing during the Cold War. During the bomb explosions the electrically neutral particles, neutrons, were generated and

interacted with atmospheric nitrogen to form the carbon radioisotope.

Dr Jones said an interesting discovery as part of this research was that the amount of ¹⁴C in the southern hemisphere peaked a year or so after it peaked in the northern hemisphere.

Because Carbon 14 is found in one part for every trillion (one thousand billion) or less of other carbon isotopes, it requires extremely sensitive measurements. These measurements were overseen by Dr Tuniz and Dr Lawson of ANSTO's Accelerator Mass Spectrometry group. AMS is an ultrasensitive analytical technique based on the use of an ion accelerator such as ANSTO's Australian National Tandem Accelerator for Applied Research (ANTARES).

Most of the measurements of the vintages coincided closely to their labelled dates. However, the researchers are doing further work to check the results of one sample which showed a significant discrepancy with the vintage printed on the bottle.

Dr Jones noted that the proportion of Carbon 14 to ordinary carbon (carbon 12) in carbon dioxide in the atmosphere is declining to the point where the method may become unreliable in about the next 10 years, unless more sensitive equipment is devised.

The study was partly funded by the Australian Institute of Nuclear Science and Engineering and the Australian Research Council. Mr Quan Hua and Dr Ugo Zoppi of the ANSTO AMS facility provided much of the technical support for this work.

Volunteer to get hot and happening!

AUSTRALIA'S most prestigious culinary event, Tasting Australia, is looking for volunteers.

The volunteers are needed for the City of Adelaide's Feast for the Senses Food & Wine Fair, an extravaganza of gourmet food, fine wine, premium beer and coffee which is part of the main Tasting Australia program.

The free event will be staged on Sunday, October 14 at Elder Park in the heart of Adelaide. Volunteers will have the opportunity to work alongside some of Australia's greatest chefs, restaurants and wineries, while assisting over 90 food and wine stalls to serve the anticipated 20,000 visitors.

Volunteers are urgently required to assist in a range of duties in the lead-up to and during the event. Volunteers will receive a free T-shirt, beverages and light food on the Sunday, a certificate of appreciation and a letter of thanks for taking part.

"Volunteering is a productive way in which to meet potential employees, deal direct with the public and have a great time being a part of an internationally acclaimed Food & Wine Fair," said Event Volunteer Coordinator Kirsty Shade.

For more information about becoming a volunteer, phone Tami McMahon on 0438 090 103, Kirsty Shade on 0414 093 178 or Marie Reitano on 8303 5511.

Get a taste of triticale

A CEREAL crop called triticale is an alternative to wheat being bred by Adelaide University researchers in the Department of Plant Science.

Based at the Waite Campus, the triticale team has focused on the grain because of its uniquely sweet flavour and its advantages for growing in difficult soils, such as those lacking in nutrients.

The grain is sought as a high quality stock-feed, particularly by the dairy industry, and can also be used in specialty food products.

Ann Oliver, food and travel editor for www.ewinexchange.com.au, has come up with her own recipe for triticale bread, to tie in with this month's Tasting Australia event, "Science on a Plate". (see centre spread for details).

TRITICALE LOAF

Makes 2 large loaves

50g fresh yeast
500ml warm water
50ml your favourite extra virgin olive oil
300g strong flour
650g triticale flour + little extra for working the bread
30g sea salt



Whisk the yeast, water and oil together until the yeast is dissolved. Add the flours and work with a dough hook until it starts to come together and then add the salt and work the dough until it comes together in a smooth, slightly sticky ball and the side of the bowl is clean. Cover with plastic wrap and allow to double in size.

Put a small amount of the triticale flour on your work bench. Cover a baking sheet with baking parchment. Punch the dough down and scrape it onto the prepared work surface. Divide it into two and knead it out into two oval shapes. Roll it through thick triticale and place them well apart on the prepared tray. Make deep slits about 2cm apart into the loaves and allow them to prove.

Pre heat oven to 200°C

Give the loaves a light spray with water and bake until well coloured and crunchy on the outside.

TIP

This bread has the most wonderful flavour and is just gorgeous slathered with butter and cheese or dunked in olive oil. It is not the kind of bread for fine sauces, it is robust and full of flavour and terrific with cheese.

If you have an oven with steam, bake the bread for 20 minutes with 25% steam and then finish off with dry heat.

RECIPE COPYRIGHT © ANN OLIVER 2001

Triticale flour is available from Living Bread at Blackwood or some health food stores, or in large quantities (25kg or more) from Lauke Mills, Strathalbyn.

Historic Glenthorne Farm ripe for revival



WINE research and education in South Australia will enter a new era when Adelaide University establishes a commercial vineyard at Glenthorne Farm in partnership with BRL Hardy.

Glenthorne is a 205-hectare property at O'Halloran Hill in Adelaide's southern suburbs. Previously occupied by the CSIRO, Glenthorne was bought from the Commonwealth by the State Government in 1998 and handed over to the University in June this year. Development work on the site is expected to begin next year.

BRL Hardy will manage the vineyard and sale of fruit, more than half of which will be available to other winemakers. The vineyard is expected to begin generating income for University research from the third vintage.

Professor Steve Tyerman from the University's Department of Horticulture, Viticulture and Oenology said the venture was an exciting development for the University and the industry as a whole.

"The flow of profit from business activities into viticulture research and development will lead to a much-needed shot in the arm for viticulture and will allow greater integration with wine making R&D on the Waite campus," he said.

"The expected flow-on into education and training will also be a positive outcome.

"The five hectares set aside for University research now needs an injection of capital to realise our vision of a hi-tech, electronically monitored vineyard in which long-term experiments can be conducted. The equipment will allow researchers to monitor experiments from remote locations. It will also allow senior students to study real-time vine physiology and growth.

"Various government agencies and the private sector will be approached over the next six to 12 months to invest in this exciting development that will underpin sustainable growth in the wine industry," he said.

—John Drislane

New industry flowering by banks of the Murray

ALONG much of the River Murray, traditional crops are in trouble as fruit growers try to deal with changing tastes, competing imports, saline soils and river water that has grown more contaminated as it has become less available.

Sustainability is now the measure of crops of the future, with Bookmark Biosphere Reserve near Renmark dedicated to providing examples of how social, environmental and economic sustainability can be made compatible.

On its first open day, held earlier this year, visitors inspected a number of projects ranging from restoration of degraded pasture and wetlands to experimental industries of the future. One of the most popular field trips was to look at native floriculture.

This trial project is exploring how to develop, cultivate and market Australia's native flowers as a sustainable paying crop; one that requires little water, and is suited to the local environment.

There are many native plants to choose from, all with their distinctive appeal, but most with other characteristics that make them less than ideal for the floriculture market. Pearl bluebush is beautiful, but its stem length is short. *Correa reflexa* is beautiful, too, but its flowers grow along the stem, not at the tips where florists want them. Those problems pose a scientific challenge.

Dr Kate Delaporte from Adelaide University's Department of Horticulture, Viticulture and Oenology is intimately involved with Bookmark. Her work involves the selection and cultivation of native plants that show promise for floriculture, and Bookmark provides her trialling ground.

"When selecting a species for development, one of the primary things we look at is where the flower is located on the stem," said Dr Delaporte.

"Most eucalypts that I'm working with have buds that start to appear 12 months before they flower, so when they first appear they are at the end of the stem. 12 months later, the stem has continued to grow, so the flowers are 20 to 30 cm down the stem. Florists require flowers to be at the end of the stem, so here we have a problem."

"You'll go through a population of say 200 plants and you pick out the five with the most terminal flowers," she said. "You'll take those

five plants and propagate from them, and slowly work your way to achieving most of the characters you want. It's the same with wheat or rose breeding; you've got a list of characters that you are trying to achieve, and you work your way through the entire population to find those characters."

Is the struggle worthwhile? Floriculture can be a very traditional business.

"The majority of the Australian market is dominated by European flowers; roses, carnations, gerberas and so on, and natives are often perceived as being very masculine; a funeral flower, not really romantic, soft or delicate," said Dr Delaporte. "It's a slow process but very very rewarding when you can get a plant so that someone else says 'Hey, that's a great plant,' and you can say 'I made that!' That's really good."

A growing appreciation of Australian native plants has seen them adopted and grown in many gardens, but making the leap to floriculture is harder. Partly because of their novelty value, native flowers are often regarded more highly overseas than they are in Australia.

Dr Delaporte was awarded a Churchill Fellowship to travel overseas and evaluate the export potential of native flowers.

"My Churchill Fellowship sent me off to Mediterranean countries because I wanted to investigate what they were doing in terms of Australian native plants; whether they liked them and what the market was," said Dr Delaporte. "There is a big demand, but to get flowers from Australian to European markets is very difficult," she said.

Dr Delaporte cites Bookmark as an interesting area because of its isolation from flower markets. Crops grown there will have to be trucked to Sydney or Adelaide for export by air, a process full of logistical difficulties, but she has proposed a better way to market our floriculture expertise.

"Australia might be better positioned to become a plant breeder and developer of new varieties," she said. "It takes a lot less time, space and infrastructure to develop new plant varieties, then propagate them and license them to be grown in other countries where they are very close to their market."

"Because the varieties will be registered with plant breeders' rights, the breeder will automatically get a royalty from every plant sold, and in some cases, even from every



Dr Kate Delaporte. Photo: Rob Morrison.

bunch of flowers produced. For every plant sold you're getting some money back, instead of having the majority of the risk here in Australia of growing the product and then trying to ship it to Japan or Europe."

The trial ground at Bookmark will eventually grow, as the reserve becomes a self-funding floriculture site. Most of the reserve consists of native vegetation, which incurs few costs. Areas that were cleared long ago will now be used for crops of cultivated native plants that Dr Delaporte believes have real potential as a new industry.

"I am fortunate to be able to work with eucalypts in floriculture, thanks to the foresight of funding agencies and to collaborative arrangements with Bookmark and other industry players," said Dr Delaporte.

"Research and development into new floricultural crops will enable the expansion of Australian flora into the world market."

Half the Bookmark area will be used for testing and trials, the other half will soon start producing income, and it is hoped that ultimately the 20 hectares will provide an example of an ecologically sustainable industry, providing grape and citrus growers with examples of alternative crops that can be grown throughout the Murray Mallee district and elsewhere where growing salinity and declining rainfall mean that dryland farming now requires alternative approaches.

Dr Delaporte's work will feature as one of 30 stories in the series 'Wetlands, Drylands,' to be aired on 5UV Radio Adelaide from October 15.

—Rob Morrison

GENERAL NOTICES

Faculty of Health Sciences Research Committee

Undergraduate Medical Research Vacation Scholarships for 2001-2002

The Faculty of Health Sciences Research Committee offers Vacation Scholarships to provide undergraduate students with an opportunity to participate in medical research projects.

These projects are to be carried out during the summer vacation. The Scholarships are tenable up to a maximum of eight weeks during the vacation. The stipend will be \$150 per week. The final two weeks payment will be made only after the receipt of a satisfactory short, scientific report of the project (approx 2-3 pages). In addition, awardees would be expected to give a verbal presentation within the Department or on a Faculty-organised basis.

Projects can be carried out in University Departments, the IMVS

and affiliated hospitals which provide appropriate facilities. They are to be supervised by an appropriate research worker or clinician who is required to supply a written agreement regarding his/her ability and willingness to provide the necessary supervision.

The scholarships are open to undergraduate students of Adelaide University. Applicants should have successfully completed at least two years of their course at the time the scholarship commences.

To find out more information, eligibility and application procedures please contact Stella Richards, Committee Secretary (Medicine), tel 8303 5274.

Applications close at the Medical School Office on Wednesday 10 October 2001 at 4.00pm.

Free Exhibition and Lecture

Exhibition: *Darwin, Virginia Woolf, and Curved Space: The story of William and Lucy Clifford, 1845-1929.* 8-19 October 2001, Foyer, Barr Smith Library.

Free lecture by Roy and Monty Chisholm (Kent University), 12 October 2001, 3.30-5.00pm. Ira Raymond Room, Barr Smith Library.

Jointly organised by the Institute for Geometry and its Application, Australian Mathematical Society.



ADELAIDE UNIVERSITY LIBRARY

BOOK SALE

The Barr Smith Library will be holding its annual sale of pre-loved books on Thursday October 18 and Friday October 19 in the Ira Raymond Exhibition Room, Level 3. Lots of very cheap titles.

For details contact Margaret Hosking, tel 8303 5285 or brl@library.adelaide.edu.au

South Australian Institute for Educational Research

October Meeting

Imaging Themselves, Imaging Their Futures: Indigenous Australian Students Completing Secondary Education, Thursday 25 October 2001, 4.30pm, Conference Room, Australian Education Union, 163 Greenhill Road, Parkside. **Antoinio Mercurio** (Manager, Curriculum Development: SSABSA) and **Linda Clayton** (Project Officer, Aboriginal Education Strategy: SSABSA). Cost: SAIER members no charge, non members \$5. RSVP: saier@cbconsult.com.au or fax 8274 1199.

Australian Music Examination Board

Free Piano and Violin Recitals

The examinations will be in the format of a concert open to members of the public. **Yvette Baer** based in Adelaide will undertake her piano examination. This recital will be held at the Maughan Church, corner Pitt and Franklin Streets, on 6 October 2001 at 7.30pm. **Imants Larsens** will undertake his violin fellowship examination. Imants is now based in Switzerland and visiting Adelaide briefly. His recital will be held on 7 October 2001 at 12.30pm at St John's Church, Halifax Street, Adelaide.

The Essential Conference Organisers Workshop

2-5pm, 18 October 2001, Flinders University: A free workshop designed for staff and students of the University who are currently in the process of organising an event or thinking of organising one in the future. Afternoon tea will be provided. For further information contact Nicole Creamer at the Adelaide Convention and Tourism Authority on 8303 2333 or email: nicki@acta.com.au.

WEDNESDAY 3 OCTOBER

10.10am Electrical & Electronic Engineering Seminar: BLAST and Beyond – Space-Time Processing for MIMO Systems by Dr Linda Davis (Lucent Technologies Australia Pty Limited). Room S112, Engineering South.

12noon Plant Science Seminar: Transient salinity by Mr David Cooper (Masters student). Charles Hawker Conference Centre, Waite.

12noon Hanson Centre for Cancer Research Seminar: The ubiquitin proteasome system and human disease by Prof Ron Kopito (Biological Sciences, Stanford University). Robson Lecture Theatre, Level 1, Eleanor Harrald Building, RAH.

12.30pm Clinical Nursing Seminar: A description of pain management of patients with a priority three rating by Carla Zampatti (Emergency Surgical Suite, RAH). Room 36, Level 3, Eleanor Harrald Building, RAH.

1.00pm Environmental Biology Seminar: How does new life begin? by Associate Professor William Breed (Anatomy). Benham Lecture Theatre, Ground Floor, Benham Building.

1.00pm State Library of SA: Series talk – Books in My Life. Admission \$6.60 or \$5.50 conc, \$4.40 members. Function Room, rear of Art Gallery of SA.

4.00pm Physiology Seminar: Control of Unilateral and Bilateral Movements in Humans by Dr Mike Garry (Physiology). Numico Seminar Room, Level 5, Medical School South.

THURSDAY 4 OCTOBER

12.10pm Psychology Seminar: The Functional Importance of Emotional Intelligence by Veneta Bastian. Discursive Constitution of Subjectivities by Amy Patterson. Room 526, Hughes Building.

1.00pm Chemical Pathology Seminar: Skin Cancer Chemo-Prevention with Non Steroidal Anti Inflammatory Agents by Dr Ross McKinnon (Pharmacy of Biomedical Science, UniSA). Seminar Room 1, 4th Floor, Reiger Bldg, WCH.

4.00pm Applied & Molecular Ecology Seminar: Why nectar foraging in parasitic wasps is not as simple as it seems? by Gitta Siekmann. McLeod Lecture Theatre, Waite Campus.

FRIDAY 5 OCTOBER

10.00am Social Inquiry – Labour Studies Seminar: Shovelling sand: SA's expanding but crumbling skill base by Pat Wright. Seminar Room, Level 3, 10 Pulteney Street.

11.30am Social Inquiry – Gender Studies Seminar: Indigenous citizenship and the defence of the nation by Sarah Fairhead. Seminar Room, Level 3, 10 Pulteney Street.

1.10pm Elder Conservatorium Lunch Hour Concert: William Hennessy – violin, Lucinda Collins – piano. Works by Schubert and R Strauss. Admission \$3 at the door. Elder Hall.

4.00pm Obstetrics & Gynaecology Seminar: Causes and consequences of fetal growth retardation in the pig by Dr Cheryl J Ashworth (Head, Applied Physiology, Animal Biology Division, SAC, Aberdeen, UK). Seminar Room, 6th Floor, Medical School North.

MONDAY 8 OCTOBER

12noon Plant Science Seminar: Sources of leutein and zeaxanthin and their role in nutrition by Mrs Julia Humphries (PhD student). Charles Hawker Conference Centre, Waite Campus.

1.00pm Microbiology & Immunology Seminar: Manipulation of T cell traffic and immunity via chemokines by Assoc Prof Andrew Lloyd (University of NSW). Room 102, Molecular Life Sciences Building.

1.10pm Student Workshop: Surviving a PhD by Mark O'Donoghue. Counselling Centre, Ground Floor, Horace Lamb Building.

TUESDAY 9 OCTOBER

4.15pm History Research Seminar: A tale of three cities: how America won World War II by Professor David Kennedy (Stanford University, Pulitzer Prize-winner in 2000). Eric Russell Room, LG 14, Napier Building.

WEDNESDAY 10 OCTOBER

10.10am Electrical & Electronic Engineering Seminar: Automatic Test Generation for Asynchronous Circuits by Michael J Liebelt.

COMING EVENTS

3rd October – 2nd November

Room S112, Engineering South Building.

1.00pm Environmental Biology Seminar: The effects of pollution on lung function by Mr Josh Griffiths (Environmental Biology). Benham Lecture Theatre, Ground Floor, Benham Building.

4.00pm Physiology Seminar: Where is medical education going and is Physiology going with it? by Prof David Prideaux (School of Medicine, Flinders University). Numico Seminar Room, Level 5, Medical School South.

5.30pm Centre for Biomedical Engineering Seminar: 3D Image Generation, Analysis and Animation of the Wrist by Dr M Sandow (Orthopaedic Surgery & Trauma, RAH). Hone Lecture Theatre, Ground Flr, Medical School Sth.

THURSDAY 11 OCTOBER

12.10pm Psychology Seminar: Musical Performance and Identity: Discourses of Self-hood in the Talk of Musicians by Gemma Munro. Juvenile Justice: Shame and Reintegration or Victim Reparation? by Nancy White. Room 526, Hughes Building.

1.00pm Chemical Pathology Seminar: TBA by Dr Stephen Dalton (Molecular Biosciences). Seminar Room 1, 4th Floor, Reiger Building, WCH.

FRIDAY 12 OCTOBER

10.00am Social Inquiry – Labour Studies Seminar: Women as change agents by Fay Castle. Seminar Room, Level 3, 10 Pulteney St.

11.30am Social Inquiry – Gender Studies Seminar: Title to be announced by Sarai Furby. Seminar Room, Level 3, 10 Pulteney Street.

1.00pm Inaugural Lecture Series: A sound world of contrasts by Prof Charles Bodman Rae (Music). Lecture Theatre 102, Napier Building.

1.00pm Molecular Biosciences Seminar: Why, when and how genes duplicate by Dr Rory Hope (Molecular Biosciences). Room 102, 1st Floor, Molecular Life Sciences Building.

1.10pm Elder Conservatorium Lunch Hour Concert: Raphael Christ – violin, Sarah Christ – harp, Keith Crellin – viola, Linda Pirie – flute. Works by Debussy, Rajna and Sarasate. Admission \$3 at the door. Elder Hall.

1.10pm Asian Studies Seminar: Li Zehou and new Confucianism by Ms Sylvia Chan (Visiting Research Fellow). Room 518, Ligertwood Bldg.

4.00pm Obstetrics & Gynaecology Seminar: Intracellular signalling, cytoskeletal function and cell division in the model organism by Professor Rob Saint (Molecular Biosciences). Seminar Room, 6th Floor, Medical School North.

MONDAY 15 OCTOBER

12noon Plant Science Seminar: Characterisation of a wheat-rye translocation carrying the copper efficiency gene of rye by Mr Richard Leach (PhD student). Charles Hawker Conference Centre, Waite Campus.

12noon Hanson Centre for Cancer Research Seminar: Complexity of the human hematopoietic stem cell compartment by Prof John Dick (The Hospital for Sick Children, Toronto). Robson Lecture Theatre, Eleanor Harrald Building, RAH.

1.00pm Microbiology & Immunology Seminar: Antigenicity and immunogenicity of novel chimeric hepatitis B surface antigen particles by Dr Hans Netter (Sir Albert Sakzewski Virus Research Centre, Brisbane). Room 102, Molecular Life Sciences Building.

1.10pm History Research Seminar: The politics of penicillin by Dr R Zuckerman (History). Common Room 420, 4th Floor, Napier Building.

2.00pm English Seminar: Pragmatic Grammar: Techniques for Teaching English for Professional Purposes by Joy McEntee. Room 618, Napier Building.

4.00pm Molecular Genetics of Development Seminar: The coral Acropora as a model system in which to study the evolution of developmental processes by Dr David Miller (James Cook Uni). Room 102, Molecular Life Sciences Building.

TUESDAY 16 OCTOBER

7.30pm Australian Institute of Physics Lecture: Space, Time and Matter by Roy

Chisholm (Kent University). Union Hall.

WEDNESDAY 17 OCTOBER

12noon Plant Science Seminar: TBA by Dr Jeff Dangl (University of North Carolina). Charles Hawker Conference Centre, Waite Campus.

12.30pm Clinical Nursing Seminar: Crying in four week old babies and mothers' settling behaviours by Professor Jan Pincombe (School of Nursing & Midwifery, UniSA). Room 36, Level 3, Eleanor Harrald Building, RAH.

1.00pm Environmental Biology Seminar: The ecophysiology of plant life by Dr Russell Sinclair (Environmental Biology). Benham Lecture Theatre, Ground Floor, Benham Building.

1.10pm Student Workshop: Managing Exam/Anxiety Stress. Counselling Centre, Ground Floor, Horace Lamb Building.

1.10pm Microbiology & Immunology Seminar: Streptococcal inhibitor of complement function – clusterin – post streptococcal glomerulonephritis by Dr Sri Sriprakash (Queensland Institute for Medical Research; Menzies School of Health Research, Darwin). Room 102, Molecular Life Sciences Building.

4.00pm Physiology Seminar: The Inhibitory Glycine Receptor: Molecular Studies of Structure, Function and Disease by Professor Peter Schofield (The Gavin Institute of Medical Research). Numico Seminar Room, Level 5, Medical School South.

THURSDAY 18 OCTOBER

12.10pm Psychology Seminar: Service Need Assessment Profile (SNAP): Assessing Resource Allocation by Loretta Sassi. Examining outcomes of Substitute Care within South Australia by Jadyne Harvey. Room 526, Hughes Building.

1.00pm Chemical Pathology Seminar: Ants in the Environment by Mr Archie McArthur (Honourary Research Associate, SA Museum). Seminar Room 1, 4th Floor, Reiger Building.

4.00pm Applied & Molecular Ecology Seminar: The 2000 locust control program in SA by Dr Dennis Hopkins (Research scientist, Primary Industry). McLeod Lecture Theatre, Waite.

FRIDAY 19 OCTOBER

10.00am Social Inquiry – Labour Studies Seminar: Gendered manufacturing: a study of gendered skills and career patterns in Australian process manufacturing workplaces by Meredith Isbell. Seminar Room, Level 3, 10 Pulteney St.

11.30am Social Inquiry – Gender Studies Seminar: Worlds of women and the international women's movement: theoretical considerations, with special reference to Kenya and Australia by E Miguda. Seminar Rm, Level 3, 10 Pulteney St.

1.10pm Elder Conservatorium Lunch Hour Concert: Guila Tiver – mezzo soprano, Elizabeth Koch – flute, Diana Weekes – piano. Works by Barber, Corigliano and Copland. Admission \$3 at the door. Elder Hall.

1.10pm Asian Studies Seminar: What is Confucian and New about the Thought of Mou Zongsan? By Ms Serina Chan (Postgrad student). Room 518, Ligertwood Building.

4.00pm Obstetrics & Gynaecology Seminar: Women's nutrition during pregnancy and fetal growth: a cohort study by Dr Vivienne Moore (Obstetrics & Gynaecology). Seminar Room, 6th Floor, Medical School North.

MONDAY 22 OCTOBER

12noon Plant Science Seminar: Endosperm development in *Hieracium* by Mr Matthew Tucker (PhD student). Charles Hawker Conference Centre, Waite Campus.

1.00pm Microbiology & Immunology Seminar: Cytomegalovirus – immunosuppression and controlling mouse plagues by Professor Geoff Shellam (University of Western Australia). Room 102, Molecular Life Sciences Building.

1.10pm Geographical & Environmental Studies Seminar: South Australia's Coastal Policy – in need of reform? by Mr Brian Caton (Flinders University). Room 104, Environmental Studies Building.

1.10pm History Research Seminar: Two clowns: Rabelais and Ronald McDonald by Colin Sheringham (Visiting scholar with the Research Centre for the History of Food & Drink). Common Room 420, 4th Floor, Napier Building.

8.00pm Classical Association of South Australia: The Detective and the Toga: historical fiction set in the ancient world, with particular reference to historical detective fiction by Tim Hart. Council Room, Level 7, Wills Building.

WEDNESDAY 24 OCTOBER

10.10am Electrical & Electronic Engineering Seminar: Helicopter Communication by Dr Jeffrey McCarthy (DSTO). Room S112, Engineering South Building.

1.00pm Microbiology & Immunology Seminar: Mucosal immune responses to bacterial pathogens in the middle ear and respiratory tract – strategies for vaccine development by Assoc Professor Jennelle Kyd (School of Human & Biomedical Sciences, University of Canberra). Room 102, Molecular Life Sciences Building.

THURSDAY 25 OCTOBER

12.10pm Psychology Seminar: The ageing driver by Matthew Baldock. Network Methodology by Robert Burns. Room 526, Hughes Building.

1.00pm Chemical Pathology Seminar: Title to be advised by Dr Paul Smith (FMC). Seminar Room 1, 4th Floor, Reiger Building, WCH.

4.00pm Applied & Molecular Ecology Seminar: The new world order of Science publishing and information delivery by Dr Jim Gilmore (Executive Director, AMF). McLeod Lecture Theatre, Waite Campus.

FRIDAY 26 OCTOBER

10.00am Social Inquiry – Labour Studies Seminar: Title to be advised by Mark Hobby. Seminar Room, Level 3, 10 Pulteney Street.

11.30am Social Inquiry – Gender Studies Seminar: Maternal alienation by Anne Morris. Seminar Room, Level 3, 10 Pulteney Street.

1.00pm Molecular Biosciences Seminar: Unravelling a tangle and spinning a better yarn by Associate Professor Jeremy Timmis. Room 102, 1st Floor, Molecular Life Sciences Building.

1.10pm Elder Conservatorium Lunch Hour Concert: Paul Miller – oboe, Ranae Stavely – oboe, Peter Duggan – cor anglais, Stefan Ammer – piano. Works by Beethoven and Poulenc. Admission \$3 at the door. Elder Hall.

1.10pm Asian Studies Seminar: The Ethics of Japan's Global Environment Politics by Ms Midori Kagawa-Fox. Room 518, Ligertwood Building.

MONDAY 29 OCTOBER

12noon Plant Science Seminar: Isolation and characterisation of gene and protein of galactosyl transferases in barley by Mr Naser Farrokhi (PhD student). Studies on the callose synthase complex in *Lolium multiflorum* by Mr Michael Schober (PhD student). Charles Hawker Conference Centre, Waite Campus.

1.00pm Microbiology & Immunology Seminar: Biological evaluation of new benzimidazole derivatives by Dr Roberto Cedillo (Mexican Institute of Social Security). Room 102, 1st Floor, Molecular Life Sciences Building.

2.00pm English Seminar: After Theory by Catherine Driscoll. Room 618, Napier Building.

WEDNESDAY 31 OCTOBER

12.30pm Clinical Nursing Seminar: Addressing inadequacies in nursing documentation: an action research approach by Mr Matthew Kerruish (Clinical Nursing). Room 36, Level 3, Eleanor Harrald Building, RAH.

4.00pm CSIRO Land & Water Seminar: Are current guidelines for regulating heavy metal contaminants defensible or protective? By Rebecca Hamon. Plant Research Centre Auditorium, Waite Campus.

FRIDAY 2 NOVEMBER

1.10pm Elder Conservatorium Lunch Hour Concert: Elder Conservatorium Wind Ensemble, Robert Hower – conductor. Admission \$3 at the door. Elder Hall.

BHP commits to new petroleum school

MAJOR international resources group BHP Billiton has committed \$100,000 in research funding to Adelaide University's new School of Petroleum Engineering & Management, which opens next year.

A London-based executive of the group announced the commitment during a visit to the University. Mr Keith Hunter, President of Petroleum Project Development and Operations for BHP Billiton, said the \$100,000 would be provided over 2002 and 2003 to support research projects at the School.

Professor Peter Behrenbruch, who became the first Head of the new School in August this year, was formerly Chief Reservoir Engineer with BHP Billiton.

"We were disappointed to lose Peter because of his experience and industry standing, but we're confident that his appointment will provide significant strengths to the School," Mr Hunter said.

"I have been able to see the progress being made with the new building for the School and discussed plans for its teaching and research activities with members of its Board of Management.

"Adelaide University is on the right path with its emphasis on comprehensive degree-level programs, research programs and special training courses focused on oil and gas industry needs. We are looking forward to employing graduates from the School in four years time," Mr Hunter said.

"We have also asked Professor Behrenbruch to develop some in-house courses for engineers already employed in BHP Billiton."

Adelaide University's Vice-Chancellor, Professor Cliff Blake, said the commitment from BHP Billiton was the first from a private source since Australian energy company Santos Ltd announced its commitment to the School in 1999.

"The Santos gift of \$25 million for establishment of the School was a magnificent beginning for the project, laying the foundation for the School for the next 20 years. However, the company and the University intended the School to operate as a major resource for the benefit of the entire oil and gas industry," he said.

"We welcome this commitment from BHP Billiton as an indication that this intention is recognised."



From left: Mr Keith Hunter from BHP Billiton talks with Adelaide University's Professor Peter Behrenbruch at the site of the new Petroleum School building.

Engineering a career path for women: top student

MORE girls would study engineering at university if they were made aware of the career opportunities the discipline offers while they were still at high school, according to one of Adelaide University's top female engineering students.

Department of Mechanical Engineering PhD student Kimberley Clayfield said she believed the major problem with attracting young women to engineering is that young women (and to a lesser extent, men) are generally unaware of what a professional engineer does, while they have clear preconceptions of what other professionals do, such as doctors and lawyers.

"Strong engineering role models like astronaut Dr Andrew Thomas do a lot to improve the public perception of the engineering profession, but there is still much more to be done," she said.

"Engineers seem to rarely receive public accolade, and while most people could recognise the contribution civil engineers made to the new Convention Centre extension, for instance, far fewer people realise that one of the recent achievements of a group of mechanical and chemical engineers was the design of the combustion system of the Sydney 2000 Olympic torch.

It is this sort of information that needs to be more widely conveyed to school students.

"In my case, I had always been interested in space, but going through school I didn't have any ideas about which courses of study would lead to me getting a job in the space industry," she said.

"Then one day I heard an astronaut being interviewed on the radio, and that's when I learnt that Mechanical Engineering provided one possible pathway."

Ms Clayfield, 23, is currently studying for her PhD in Fluid Mechanics, with a long-term view of applying her research in the space industry.

She has gained significant national attention for her work at Adelaide University, being named as a national finalist in the Higher Education category for Outstanding Women of the Year in Non-Traditional Areas of Work and Study for 2001, and also being one of three nominees for the South Australian Young Professional Engineer of the Year Award 2001, awarded by the Institution of



Kimberley Clayfield. Photo: Ben Osborne

Engineers, Australia.

In addition to her studies, she is Chair of Adelaide University's Student Branch of the American Institute of Aeronautics and Astronautics, is one of the coordinators of the South Australian Space School, and is the only female member of the Executive Committee of the Young Engineers Australia (South Australia Division).

She also is heavily involved in the promotion of careers in both engineering and the space industry, a responsibility she views as very important.

"I really enjoy going out to the schools and talking to the girls, to let them know that if they are interested in engineering that they should go for it," she said.

"I had such a good time here when I was studying engineering that I would like for other girls to go through the same sort of experience that I had, and for them to know that engineering can be a really exciting, challenging and personally rewarding career."

—Ben Osborne

Free public lecture by music professor

1.00pm, Lecture Theatre 102, Napier Building, Adelaide University

Professor Charles Bodman Rae will deliver his Inaugural Lecture as a new professor to Adelaide University on Friday, October 12.

Professor Bodman Rae is the Elder Professor of Music and head of the Elder Conservatorium.

This free event is the last in the Inaugural Lectures series for 2001. His topic is: *A sound world of contrasts*.

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Students say "oui" to wine French course

WINE students at Adelaide University are learning the international language of wine—French—in an innovative program designed to further enhance their already world-class qualifications.

Twenty-five fourth-year Oenology students are undertaking an intensive semester-long Technical French course which will see them take a basic grasp of French into their careers in the wine industry.

Course coordinator Dr Jean Fornasiero said the course began in 2000 as a result of student demand and was an instant success, paving the way for the 2001 course which finishes at the end of the year.

"It was very much driven by student demand: students are increasingly wishing to broaden their professional experience in places like France, and learning the language is really important in their professional development," she said.

"However, it's a relatively short course and there's only so much we can teach in that amount of time.

"A lot of the students have no previous knowledge of the French language, but because they are studying oenology they have a fair idea of the French wine regions like Bordeaux and Burgundy, so for the first segment of the course we build their vocabulary up around that.

"Other technical aspects of wine-making we cover include things like wine tasting, the classification of wine, and how to read a wine label.

"The second segment of the course is devoted to general conversational and writing skills. This is taught by Carolyn Stott, who was one of the pioneers of the first course, and who is also responsible for inviting guest speakers from the wine industry."

Some of these speakers include executive

chairman of Mount Adam Winery, Adam Wynn, and winery manager of Orlando Wyndham's Rowland Flat operations, Andrew Miller.

One of students in the current course, Jane Egerton, said she was finding it to be extremely beneficial.

"The course is very well structured with two separate classes: the language class where the focus is on grammar and aural, and a reading class where the focus is more on comprehension, and in particular reading from wine industry journals and learning wine-specific vocabulary and jargon," she said.

"The language component of the course gives you a good basic understanding of some of the more salient grammar points, a list of everyday vocabulary and some practice with aural skills to assist you in getting by with everyday life in France.

"Equally importantly, the reading class gives you the ability to pick up a wine-related article or journal and be able to identify key words from it, and hence get an understanding of what it's about, rather than an ability to provide a word-for-word translation.

"These are skills that I believe I will have when I complete the course and that will be of immeasurable benefit to me when I attempt to do a vintage in France next year."

Ms Egerton said she thought it was important for Australian wine students to learn French due to the evolving nature of winemaking globally.

"The profession of winemaker has evolved to that of a 'flying winemaker'," she said.

"Many winemakers will do a vintage between January and May in the Southern Hemisphere, and then leave for north of the Equator and do another vintage commencing

in September.

"An increasing number of winemakers now travel to wine-producing countries other than their own, and a result of this is the sharing of ideas which is a great thing for the industry and the wine-lover.

"It goes without saying that if you are an Australian winemaker working in France and you are able to speak the French language, you will maximise the contribution you make at the winery, maximise the experience and knowledge you gain from the winery and also

maximise the enjoyment you reap from such a working experience.

"We've had two winemakers come and talk to us so far, Adam Wynn who has a proficient knowledge of French and Andrew Miller, who at the time had just enough French to get by.

"They both enjoyed their winemaking stints in France, but they also agreed that you get more out of it with a command of the language."

—Ben Osborne



Third-year Oenology student Mark Nicholl checks the properties of his very own drop of red, made in collaboration with other students in his year. The grapes for this wine have been sourced from McLaren Vale. Photo: David Ellis.

Ethics symposium

Reflections on an Ethical Society

9.00am - 1.00pm, Saturday, October 27

Elder Hall, Adelaide University, North Terrace

The Cairnmillar Institute presents a half-day symposium for those concerned for our society's values and ethics. Are we able to move towards an ethical future? Here is the opportunity to discuss the ethical complexities of a post-modern society.

Speakers are: Adelaide University's Chancellor, Chairman and Chief Executive of Normandy Mining, Robert Champion de Crespigny; Adelaide law graduate and *Advertiser* columnist Mia Handshin; Executive Director of the St James Ethics Centre, Sydney, Dr Simon Longstaff; and Paralympian Libby Kosmala.

Topics include *Ethics, values and good business, Moving towards an ethical future, How we should respond to suffering (and our Genome), and Good sports/bad sports.*

Ticket prices are \$25/\$15 concessions (seniors, students and group bookings). Tickets are available from the Cairnmillar Office, 193 Brougham Place, North Adelaide. Ph 8267 2657. The event is co-sponsored by Adelaide University.

The *Adelaidean* has two complimentary passes to give away. To win both of these passes, be the first caller on 8303 5174.

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Secret life of first wave feminists exposed

SEX was definitely not off the menu for Australia's leading suffragists, according to a new book by an Adelaide University researcher.

Passions of the First Wave Feminists, by Dr Susan Magarey from the Department of History, finds the stereotypical image of late-19th century suffragists as moralistic "spoilers of men's pleasure" to be almost the opposite of the reality.

"Our image of Australian suffragists has been of women who were fearsomely respectable, crushingly earnest, socially puritanical, politically limited and sexually repressed," Dr Magarey said.

"And how astonishingly wrong we have all been!

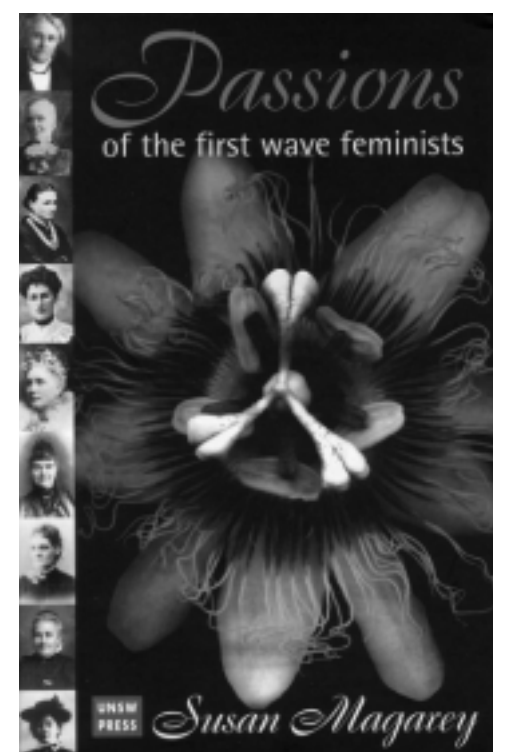
"It was the sexual double standard governing heterosexual relationships that they objected to—sex itself.

"Indeed, rather than being opposed to sex, they were centrally preoccupied with sex, and with its pleasures as well as its dangers."

Passions of the First Wave Feminists looks at the lives of many of suffrage-era feminists, including Catherine Spence and Edith Cowan, and finds them to be sexy, strong women with visions for themselves, society and the future.

"If you look past the prissy cardboard characters of the books of the period, and if you decode the euphemisms of the past instead of assuming ignorance, then you find women who were varied, engaging, even sexy," Dr Magarey said.

"Rather than being grim and earnest, they were passionate and passionately engaged in their political campaigns.



"Rather than being repressed, they were utopian visionaries.

"Through the lives of these amazing women, the book shows what they were all about: greater equality, amending marriage laws and forcing society to no longer define them by their sex and capacity to reproduce."

Passions of the First Wave Feminists by Susan Magarey is published by UNSW Press and retails for \$34.95.

—Alyssa Sawyer
—Ben Osborne

Gown hire provides research funding

FEW graduates would realise that when they attend a graduation ceremony, they're actually helping to raise money to benefit other students studying at university.

The gowns and hoods worn by graduates are hired out by the Australian Federation of University Women (AFUW), which is mostly run on a volunteer basis. The AFUW uses money raised to provide scholarships and bursaries.

This year, eight students to receive scholarships were from Adelaide University, with a total of \$22,500 awarded to postgraduate students. The winners from Adelaide are:

DEBORAH COATES (Brenda Nettle Bursary, \$2500)

Deborah is researching animal cell division, with a view to understanding how colon cancer develops. The Bursary funds will be used towards travelling to a conference in the United States this year.

PATRICIA DIAZ (Winifred E. Preedy Postgraduate Special Grant, \$2500)

Patricia is aiming for a PhD in Dentistry (Oral Microbiology). Her research project looks at anti-oxidant mechanisms of gram-negative anaerobes. She plans to use the Bursary for laboratory expenses and also travel to an overseas laboratory.

SARAH GOODALL (Doreen McCarthy Bursary, \$2500)

Sarah is studying for a PhD in Geography, looking at nomadic pastoralist populations who abandon their traditional mode of existence to take up a more sedentary life in towns and villages. Sarah hopes to use the Bursary to help fund the final stages of her field work, followed by attendance at a conference in Oxford.

SONJA KURTZER (Padnendadlu Bursary, \$2500)

Sonja is studying a PhD in Gender Studies,



and her postgraduate work examines the issues of cultural and racial identity in Australia. She hopes that her study of this topic will help to understand and develop the processes of reconciliation in this country. With the Bursary funds, Sonja plans to buy a computer to better utilise study time at home.

RACHAEL MATHEW (Winifred E. Preedy Special Grant, \$2500)

Rachael is studying to become a Doctor of Clinical Dentistry (Orthodontics). This is a coursework and clinical degree with a research component and Rachael is investigating orthodontic practices in Australia and New Zealand. The Bursary will contribute towards her course fees.

SAM MICKAN (Barbara Crase Bursary, \$2500)

Sam is aiming for a PhD in Optical Electronics, Laser Optics and Biomedical imaging. His research project focuses on the development of T-rays, a new method of medical diagnosis, and he plans to use the Bursary to assist with a trip to a conference in the UK.

TRUDY O'CONNOR (Daphne Elliott Special Grant, \$1500)

Trudy is studying for a PhD in Geography. Her research project is investigating the habitat provided by coffee agroforests (multi-storey plantations) for birds in Sumatra, Indonesia. The funds will help contribute to Trudy's field work.

CAROL ORMOND (Jean Gilmore Bursary, \$6000)

Carol is aiming for a PhD in Environmental Physiology. Her PhD research project focuses on the responses of the surfactant system in the lungs of mammals to thermally stressful events. Carol plans to utilise the Bursary to work in overseas laboratories, as well as attending a conference in Africa.

Three other AFUW bursaries were provided earlier in the year to Adelaide University students: the Winifred E. Preedy Undergraduate Bursary (\$2000), the Nancy Webb Mathematics Prize (\$300) and the St Ann's Prize (\$300).

Chair congratulates recently affiliated UK Chapter

ADELAIDE UNIVERSITY'S new UK Alumni Chapter is holding an event on Friday, November 16 in London, with guest speaker The Hon Greg Crafter, Chair of the Alumni Association.

Mr Crafter said: "I am very pleased to congratulate the founding members of the UK Alumni Group on their affiliation as the Adelaide University Alumni UK Limited Chapter. We are all very excited about the opportunities that lie ahead for the Chapter and have no doubt that, based on the commitment and enthusiasm demonstrated over the past 18 months or so, they will enjoy much success in their endeavours to promote the interests of the University and its alumni."

If you would like to get in touch with the Chapter, you can do so by contacting the Convenor, Dr James R. Storer <rstorer@ion.ucl.ac.uk> or the Secretary, Mr Matthew Williams <matthew@south-aus.org>.

Elder Professor welcomed



The Cornell Chapter last month hosted a reception to welcome the University's new Elder Professor of Music, Professor Charles Bodman Rae. This event was held in the Ira Raymond Room, Barr Smith Library and was proudly sponsored by Elders Limited.

Pictured from left: Professor Charles Bodman Rae, Mrs Louise Hill, Mr David Hill, Mrs Dorota Rae, Dr Lewis Wickes and Mrs Elizabeth Silsbury.

Tour Adelaide University's Roseworthy Campus

Established in 1883 the Roseworthy Agricultural College, just outside of Gawler, was the first agricultural college of its kind in Australia. Today Roseworthy is an internationally renowned centre for excellence in dryland agriculture and animal production.

The tour, to be held on Wednesday, November 14 between 10:00am - 4:00pm, will include the historical working museum housing farming machinery from the past - milking machines, tractors, cultivators, metal forges, pumps and standing steam engines.

The Roseworthy Museum, sustained by dedicated volunteers from the farming, engineering and industry links with Roseworthy Campus, was accredited by the SA Chapter of the History Trust in 1999.

Lunch in the Dining Hall will be followed by a guided tour of the JS Davies Animal Science Building. There will also be an opportunity to visit the farm and view fine wool merino sheep, pigs, the dairy and crops. Bookings are essential and can be made at the Alumni Office on 8303 5800. Tickets are \$30 inc. GST (price includes lunch).



ALUMNI NEWS

TRIBUTE TO FORMER CHANCELLOR

The Alumni Association and its members express their sincere and profound sadness at the passing of the University's former Chancellor, Mr Bill Scammell.

Mr Scammell's service, warmth and long-standing dedication will forever be honoured and remembered. A well loved and highly respected man, his presence will long be missed by the whole University community.

TRIBUTE TO DAVID BAKER

The Alumni, Community Relations and Development staff express their sincere sorrow for the sudden passing recently of Mr David Baker, a valued lecturer in the Law School. We extend our deepest sympathies to his family and the staff at the Law School.

LIBRARY - DISCOUNTED ALUMNI BORROWING!

Did you know that if you are registered with the Alumni, Community Relations and Development office you can now enjoy borrowing rights at the Barr Smith Library for a \$55 annual fee? As a graduate and friend of Adelaide University you will have valuable access to an extensive range of Library resources! For further information contact the Barr Smith Library directly on 8303 5370 or drop in and ask one of our friendly library staff.

MEDICAL VIGNERONS LUNCHEON

The Florey Medical Chapter invites you, your family and friends to the Medical Vignerons Luncheon. Prior to the luncheon there will be wines from Hillstowe Wines, Fox Creek Wines and Hamilton Group Wines available for tasting. The speaker at the luncheon this year is Mr Christopher Thomas who will be speaking about "The joys and woes of establishing a vineyard and boutique winery".

Venue: Glenelg Golf Club, James Melrose Road, Novar Gardens

Date: Sunday, October 28

Time: 12 Noon

Ticket (incl. GST and Wine): \$68, \$45 (Students)

Please contact Ms Joan Soon on 8303 3317 for further information.

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Are you an enterprising University graduate with an innovative business idea involving hardware/software development or a product or process for which Information Technology is essential to and at the core of business operations?

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ADELAIDE UNIVERSITY MERCHANDISE RANGE

The Alumni, Community Relations and Development office offers a wide selection of official Adelaide University products. Our great range includes golf umbrellas, redgum paperweights and bowls, engraved champagne stoppers and luggage locks, postcards, stickers, ties and more. All ideal gifts for the graduate or graduate to be! Purchase from our on-line merchandise order form or the Alumni, Community Relations and Development office, Level 1, 230 North Terrace.

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Students join the alien nation

ALIENS are invading Adelaide—but we know when, and where, they're landing!

At sunset on Friday, October 19, Colonel Light's Statue on Montefiore Hill at North Adelaide will be the setting for the Helpmann Academy's free Centenary of Federation musical theatre epic, *AlieNation*.

AlieNation takes the audience on a fantastic musical odyssey through time in the footsteps of two dedicated *X-Files*-like agents as they diligently search throughout the land for aliens.

As their search for the Truth intensifies, the agents discover to their horror that they're surrounded by aliens!

The production features a cast of more than 500 performers and crew. Included in this number are an orchestra of 100 musicians and 120 choir members from Flinders Street School of Music and Adelaide University's Elder Conservatorium, plus actors and technical theatre production students from AIT - Performing Arts.

Forming the chorus are 300 schoolchildren from secondary schools in and around Adelaide: Marryatville, Adelaide, Willunga, Reynella, Cabra Dominican College, Heathfield and Charles Campbell, who are joined by 20 junior students from Rose Park Unit.

An impressive assembly of theatre talents have been brought together for *AlieNation*. The libretto has been written by Vogel Award-winning writer Dr Eva Sallis, lecturer with Adelaide University's Department of English and a member of the creative writing staff within that department. Leading theatre designer Casey van Seville has designed the gigantic, gleaming 40m wide 8m high set and striking costumes.

AlieNation's music has been composed by two rising young composers: Kat McGuffie from Flinders Street School of Music and Elder



Conservatorium graduate Natalie Williams. Kat has already several national awards to her name and Natalie's work is included in Symphony Australia's repertoire bank. The production's Musical Director, Timothy Sexton, has also composed some incidental music.

Directing the cast of hundreds is AIT - Performing Arts acting and drama lecturer Peter Dunn.

AlieNation has been generously supported by the Government of South Australia through the SA Youth Arts Board, Centenary of Federation, ETSA Utilities, Adelaide City

Council, Peter Lehmann and Berri Ltd.

AlieNation—6.33pm Friday, October 19, Colonel Light's Statue, Montefiore Hill, North Adelaide. Admission is free!

The performance runs for 60 minutes and is suitable for all the family. Audience members are asked to bring a blanket to sit on.

—Sheila Bryce
Helpmann Academy



Lunch hour concerts

LUNCH becomes a special event every Friday at Adelaide University's Elder Hall, where lunch-hour concerts are held from 1.10-2pm.

With tickets just \$3, this is one of the best-value fine music series in Adelaide.

Lunch hour concerts continue throughout October, featuring distinguished artists from Adelaide University's Elder Conservatorium plus other musicians from around Australia and the globe.

For more information phone the Concert Manager on 8303 5925.

Eisteddfod prize for Con student

PIANIST and student Anthony Hunt has been awarded a major prize at the 2001 Adelaide Eisteddfod.

Anthony took out the piano division of the Doris West Elder Conservatorium Concerto Prize at the event.

Anthony, 21, is a third-year student at Adelaide University's Elder Conservatorium. It was his performance of Stravinsky's Concerto for Piano and Wind which secured him the prize of \$1000.

The award is sponsored by Adelaide University through the Doris West Bequest and provides a rare opportunity for students to prepare and perform a piano concerto of their choice.

Anthony is a student of the Conservatorium's Associate Professor David Lockett, and is currently the holder of the Cecil Patrick Greenland Scholarship.

"Doris West was herself a lover of the piano and a great supporter of music within the University," said Associate Professor Lockett.

"The Elder Conservatorium and the Adelaide Eisteddfod Society have both demonstrated long-standing commitment to the nurture and promotion of young talent.

"The bequest enables us to encourage and reward outstanding young pianists, and we are delighted to be able to cooperate in this very practical way."

In addition to his success with the Doris West award, Anthony also won two other sections in this year's Eisteddfod: the Piano Sonata prize and the Lied (Voice and Piano) section, which he performed with tenor Patrick Lim.

Andrew has not only distinguished himself as a solo pianist and accompanist but has also developed a fine reputation as an organist.

He recently received a grant from the Helpmann Academy which will enable him to spend several weeks in the United Kingdom, participating in summer schools and investigating possibilities for postgraduate study.



NEWSMAKERS

The attacks on the World Trade Center and the Pentagon produced an urgent demand among media for academics with a specialist knowledge of the political and health implications. **Dr Felix Patrikeeff** and **Dr John Bruni** from the Politics Department featured prominently in media coverage of the aftermath. Dr Patrikeeff gave a series of radio and television interviews and also contributed a column in *The Advertiser* (September 18) warning of the dangers of Australia's becoming a terrorist target. Some of the many interviews given by Dr Bruni to South Australian media found their way into outlets further afield, including interstate newspapers such as *The Mercury* in Hobart and the *Courier Mail* in Brisbane.

In interviews with *Channel 7* (September 12), *5AA* and *5DN* (September 13), **Professor Sandy MacFarlane** commented

on the psychological impact of the attacks. He told *The Sydney Morning Herald* (September 13) that the world could expect to face long-term public health issues. Up to one million people could be at risk of psychological problems and 20% of those would probably go on to develop "full blown clinical syndromes", he estimated. **Dr Michael Roberts** was interviewed by Ken Dickin on *5DN* (September 12) about suicide attacks and the reasons why people are willing to sacrifice their lives for a cause. Law student **Yasmine Ahmed** spoke to *Channel 7* news (September 13) and *891 ABC* (September 14) about the abuse suffered by some South Australian Muslims since the attacks, but praised the support provided by the University community.

The *Tampa* crisis and the wider issue of asylum seekers in Australia was the other big

media story. **Margaret Castles** and law student **Catherine Hartley** spoke to Phillip Satchell on *891 ABC* about what it had been like to visit the Woomera Detention Centre and interview detainees. On Radio National's *Asia Pacific* (September 6), law student **Andreas Schloenhardt** provided an insight into the economics of people smuggling, and predicted a rise in the number of asylum seekers arriving in Australia. **Dr Don McMaster** spoke on *5DN* (September 7) urging people to attend a lunch-time rally in Adelaide in support of better treatment of asylum seekers.

The ACTU released findings by the Centre for Labour Research which highlighted the emergence of a new social problem in Australia: overwork. Centre Director **Dr Barbara Pocock** was featured in *The Age*, *The Australian Financial Review*, *The Sydney*

Morning Herald, *The Newcastle Herald* and *The West Australian* (all September 5), *The Australian* (September 8), and the *WA Sunday Times* (September 9). On Radio National's *Health Report* (September 10), **Professor Alastair MacLennan** from Obstetrics & Gynaecology said that 50% of the Australian population used alternative medicines and 20% had visited an alternative medicine practitioner in the last 12 months.

Writing in *The Age* (September 5) **John Gava** from Law suggested it might be time to accept that the modern university was "beyond redemption". He argued against the use of universities for vocational training and economically driven research and wrote of "recreating universities as places where the small numbers of Australians of all social backgrounds and ages who want to be educated can be educated".