

Adelaidean

NEWS FROM THE UNIVERSITY OF ADELAIDE

Volume 13 • Number 6 • July 2004

▶ inside this issue

4  Breast, colon cancer targeted

5  How cross-dressing cuttlefish are sexing up ecotourism

7  Native wasp discovery pays homage to famous explorers

9  Thinker shares insights into human brain

2 University to appoint new Chancellor

3 Nationwide tooth survey begins

6 Our new Federation Fellow

8 Space student has high hopes

10 Obituary: Jiri Tancibudek

11 Law graduate's overseas success

12 Gene technology makes sense for farmers

15 Stretton receives top honour

Medical unit to help millions breathe easier



A new medical research and education unit at the University of Adelaide aims to improve the treatment of respiratory diseases among millions of Australians.

Respiratory conditions such as asthma, bronchitis and Chronic Obstructive Pulmonary Disease (COPD) are extremely common in Australia.

"Up to 25% of children have asthma, and approximately 14% of adults who smoke have COPD, so the potential benefits from our work are great – and this does not include the myriad of other lung diseases," said the Director of the new Primary Care Respiratory Unit, Associate Professor Alan Crockett.

The first of its kind in Australia, the Primary Care Respiratory Unit is part of the University of Adelaide's

Department of General Practice, and was officially opened last month.

The unit will provide general practitioners and other primary healthcare workers with the skills and knowledge to effectively identify and manage severe respiratory problems.

"There is evidence to suggest that some of the chronic lung diseases are not being recognised until a very late stage, and by then it is difficult to make major improvements in the health of the individual," Associate Professor Crockett said.

"Since asthma and COPD are significant community problems, there is a need for research,

teaching and evaluation of the many treatments that can be used by primary care health professionals, which we believe will improve the health of many Australians," he said.

Associate Professor Crockett has almost 40 years' experience in respiratory medicine and is internationally recognised for his research into Long Term Oxygen Therapy and COPD.

"We are running multiple courses for general practitioners and other primary care health professionals in the identification and management of chronic lung disease," he said.

continued on page 2

Life Impact



www.adelaide.edu.au

University to appoint new Chancellor

The University of Adelaide has begun the search for a new Chancellor.

The move follows last month's decision by Chancellor Mr Robert Champion de Crespigny AC to hand over the reins.

Mr de Crespigny's announcement came after extensive consideration over a period of time. Mr de Crespigny was the university's 13th Chancellor, assuming the role in June 2000.

He is continuing to serve as Chancellor on an interim basis until his successor is named.

"It has been a privilege to serve the third-oldest university in Australia, especially during a period of enormous change," Mr de Crespigny said.

"The university has made significant strides in numerous areas such as leadership, its financial position and funding. It is for this reason I believe it is the appropriate time for new blood and fresh ideas," he said.

"In the context of good governance at a university, succession planning is crucial for both the

governing body and the management of the institution," he added.

The selection panel is being chaired by the University of Adelaide's Deputy Chancellor, Mr Brian Croser, AO. He said Mr de Crespigny had "served the university admirably for the past four years", and an announcement about his successor would be made in the near future.

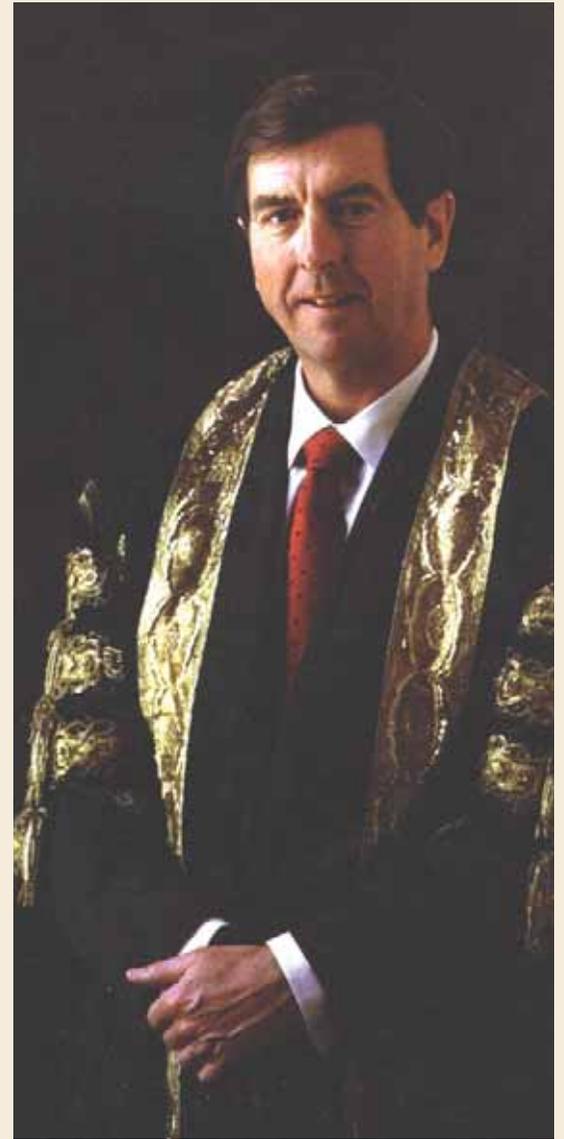
In paying tribute to the outgoing Chancellor, the university's Vice-Chancellor, Professor James McWha, said Mr de Crespigny's outstanding business experience, his strong leadership and unique position within the community had been invaluable over the past four years.

"We are extremely grateful for his many contributions during his tenure," Professor McWha said.

"He has been the key driver in numerous projects, including the Australian Centre for Plant Functional Genomics at the Waite Campus, where he played a major role in ensuring that the multi-million-dollar centre was secured for the university and South Australia."

Professor McWha said the University of Adelaide looked forward to continuing its relationship with Mr de Crespigny.

Story by Howard Salkow



Adelaidean

Adelaidean has a readership of more than 31,000 per month -- 13,000 in print and 18,000 online

Editor: David Ellis

Writers: Ben Osborne, Howard Salkow, David Ellis

Design and Layout: Chris Tonkin

Contributors: Natalie De Nadai, Nicole Stones, Helen Simpson, Charles Bodman Rae, Stephanie Agius

Printed by: Lane Print Group

Distribution: Lane Print Group
Passing Out Distribution Co.

Advertising: KRL Media
Tel: +61 8 8231 5433
Fax: +61 8 8212 1238
Email: info.krl@katron.com.au

Coming Events:

Please send all coming events to the editor at the address below. There is no charge for coming events, but they must be university related.

Deadline for next issue:
Tuesday, July 20, 2004

Room G07 Mitchell Building, South Australia, 5005.

Tel: +61 8 8303 5174
Fax: +61 8 8303 4838
Email: david.ellis@adelaide.edu.au

www.adelaide.edu.au/adelaidean

Material may be reproduced without permission but acknowledgement must be given to the *Adelaidean*.

Registered by Australia Post No 565001/00046

WE LANE
www.laneprint.com.au
UNDERSTAND YOUR DEADLINES

Colour printing
Digital printing
Direct mail processing
Digital imaging
Internet development
Software development
Graphic design
Telephone
08 8179 9900
Fax
08 8376 1044



Medical unit to help millions breathe easier

continued from page 1

"Benefits to the community will come from increased recognition and early detection, management and care of a range of respiratory illnesses."

Associate Professor Crockett said the new unit builds on existing research strengths within the Department of General Practice, and fills perceived gaps in both teaching and research.

"Our key research areas include asthma (two current National Health and Medical Research Council

(NHMRC) grants), acute bronchitis (one current NHMRC grant), and the development of guidelines for the management of COPD," he said.

"As well as undertaking teaching and research, the unit is developing collaborative links with other organisations and health professionals. Already we have established collaborations with experts in Australia, Canada, Poland and the United States."

Story by David Ellis

C D R C
Dental School, The University of Adelaide

CLINICAL DENTAL CENTRE
PROFESSIONAL SUITES

- Routine dental care and emergency dental treatment for private patients. *(in normal business hours, Monday to Friday)*
- Fully qualified dentists and specialist practitioners provide patient care.
- *State-of-the-Art* clinical facilities.
- Full-time students eligible for concession.
- Convenient location.
- EFTPOS and credit card facilities.

CONTACT RECEPTION ON: Ph 08 8303 3437
COLGATE AUSTRALIAN CLINICAL DENTAL RESEARCH CENTRE
2nd Floor, Adelaide Dental Hospital, Frome Road, Adelaide



Nationwide tooth survey begins

Levels of tooth loss, dental decay and gum disease will be the focus of a comprehensive nationwide study being undertaken by researchers at the University of Adelaide.

The National Survey of Adult Oral Health will interview and dentally examine 7500 people aged 15 years or older living throughout Australia and will provide a "snapshot" of the nation's oral health.

To occur in 2004/05, the survey will be conducted by researchers at the Australian Research Centre for Population Oral Health, based at the University of Adelaide, in collaboration with the Australian Government Department of Health and Ageing and State/Territory public dental services.

The study is being supported by a project grant from the National Health and Medical Research Council (NHMRC).

"Seventeen years have elapsed since the first National Oral Health Survey of Australia. This second national survey will monitor changes in oral health in the Australian adult population," said Professor Gary Slade, Professor of Oral Epidemiology, and Australian Research Centre for Population Oral Health, Dental School, University of Adelaide.

"Results from the survey will be used to monitor progress towards national health targets and to help direct dental health services into the 21st century," he said.

Professor Slade said the survey will identify groups who are disadvantaged in terms of oral diseases, and it will look for individual health behaviours and social circumstances that promote good oral health.

"One aim of the study is to measure dental decay levels in the 'fluoride generation' of people who grew up in the 1960s and '70s when Australia's major city water supplies became fluoridated.

"The results would be compared with decay levels among people who grew up in non-fluoridated areas," Professor Slade said.

The study has also been designed to track rates of cardiovascular disease among the 7500 study

participants over the next decade using information held in national health registries. The researchers will use the information to study links that have been observed in other countries between gum disease and heart disease.

Telephone interviews began in late June in the Australian Capital Territory, and the first dental examinations for the survey are planned for early July. In each state and territory, public dental services are collaborating in the survey, providing personnel and facilities for dental examinations.

ACT Health, the territory government's public dental program, will be responsible for survey examinations in the ACT that will be taking place from July to September.

Interviews and examinations in South Australia and Tasmania will begin in late 2004, with the remaining areas scheduled for 2005.

Breast, colon cancer targeted

A major improvement in the treatment of cancer patients is taking a big step closer to reality thanks to new research at the University of Adelaide.

The study – being conducted by Professor John Wallace and Dr Grant Booker from the School of Molecular & Biomedical Science – offers good news in the fight against breast and colon cancer, two of Australia’s biggest killers.

Professor Wallace and Dr Booker have received a Development Grant of more than \$154,000 from the National Health and Medical Research Council. The grant will help them to develop a method that aims to improve the effectiveness of chemotherapy.

Their grant is one of only 14 Development Grants announced recently by the Federal Government, and the only one in South Australia.

Development Grants encourage research with commercial potential, helping researchers to translate their work from the early ‘proof of concept’ stage into products that will

ultimately benefit Australia and the world.

Professor Wallace and Dr Booker are studying a protein that helps to prevent cancer cells’ resistance to chemotherapy, thereby making the treatment more effective for patients.

The protein works by attacking and removing growth factors that help cancer cells resist treatment.

In a commercial form, the new method would see injections of the protein given to patients at around the same time as they receive chemotherapy.

“Our aim is to achieve improved destruction of breast and colorectal cancers, but with reduced adverse side effects,” Professor Wallace said.

“Laboratory work conducted by Dr Briony Forbes here in Adelaide suggests that the protein – which is a modified form of a natural carrier



protein for these growth factors – is effective in reducing the growth factors’ ability to assist cancer cells.

“This seems to be effective in breaking down cancer cells’ resistance to chemotherapy, as well as generally preventing the spread of tumours,” he said.

“The University of Adelaide has a very strong reputation in biomedical science, and this grant is another important step – not just towards developing our research further, but in attracting commercial funding which is vital for clinical trials,” he says.

Story by David Ellis



News in Brief

Research role for Marsh

Professor Neville Marsh has been appointed to a further two-year period as Deputy Vice-Chancellor (Research).

First appointed to the position in December last year following Professor Edwina Cornish’s move to Monash University in Melbourne, Professor Marsh has been Dean of Graduate Studies at the University since September 2002.

Originally from the UK, Professor Marsh came to Adelaide from the Queensland University of Technology. He has a Bachelor of Science (First-class Honours) degree from Queen Elizabeth College in London and a PhD from the Royal London Hospital Medical College.

New Head for Business School

Leading Australian academic, strategy expert and author Professor Graham Hubbard has been announced as the new Head of the Adelaide Graduate School of Business.

Raised and educated in Adelaide, including an Economics degree from the University of Adelaide, Professor Hubbard is returning home after a distinguished career in Australia and internationally.

Professor Hubbard was formerly Professor of Strategic Management at the Mt Eliza Business School, has been a Visiting Professor at the Carlson School of Management at the University of Minnesota, and has worked for other universities and businesses in Australia and the UK.

Entrepreneur seminar

Making great ideas count is the topic for an entrepreneurial seminar being held at the Thebarton campus on Wednesday, July 14 at 6pm.

Titled “How to turn a great idea into an even greater application”, the seminar is designed to assist the State’s best minds in turning their concept into reality.

For more information call Kankana McPherson on (08) 8303 3273 or email: kankana.mcpherson@adelaide.edu.au

Symposium’s look at environment

Environments and ecologies will be under the spotlight in a public symposium with a difference being held on July 3-4.

The “Environments and Ecologies in an Expanded Field” symposium will take a transdisciplinary approach to questions and issues surrounding these areas and features such keynote speakers as Professor Paul Carter, Professor Ross Gibson and Dr Deborah Bird Rose.

For more information, visit: www.adelaide.edu.au/hums/English/SYMP2004/

German theological conference

The University of Adelaide is hosting a major conference this month which examines the link between religion and philosophical thought among 20th century German thinkers.

The conference, entitled “Messianism, Apocalypse and Redemption: 20th-century German Thought”, will be held from July 19-22.

In addition, a free public lecture entitled “The Church and the University”, given by one of the conference’s keynote speakers, Professor Robert Jenson from Princeton University, will be held at 6pm on Tuesday, July 27 at Lecture Theatre 102, Napier Building.

For more information, visit: www.geocities.com/messianism_apocalypse_redemption/

UniBar wins best live venue

The University of Adelaide’s UniBar, run by the Adelaide University Union, has been voted the Best Live Venue in South Australia.

The honour was bestowed on the UniBar at the national Jack Awards in Sydney last month. The awards recognise and reward live music talent and venues, with music fans from around Australia casting their votes online.

UniBar was nominated against a strong field of contenders, including Heaven, the Governor Hindmarsh and Thebarton Theatre.

How cross-dressing cuttlefish are sexing up ecotourism



A Giant Australian Cuttlefish in waters of the upper Spencer Gulf
Photo by
Dr Sean Connell

Adelaide researchers believe that sex in the water in South Australia's upper Spencer Gulf could boost tourism. Sex among cuttlefish, that is.

But while the breeding habits of the Giant Australian Cuttlefish are important to South Australia's ecotourism industry, what about the impact on the fishing industry?

A better understanding of the population structure and movements of the Giant Australian Cuttlefish is vitally important for management of this unique ecotourism and fishery resource, which is why a team of researchers from the University of Adelaide, SA Museum and industry partners has attracted a three-year, \$175,000 grant from the Australian Research Council.

Led by Dr Bronwyn Gillanders (School of Earth & Environmental Sciences, University of Adelaide) and Dr Steve Donnellan (Evolutionary Biology Unit, SA Museum), the team aims to learn more about the population structure and movements of cuttlefish, which is critical to sustainable management of the species and design of a marine

protected area in the upper Spencer Gulf.

Cuttlefish are a significant part of ecotourism at Whyalla because of their "crazy" mating behaviour. They congregate in dense numbers and in shallow depths, providing a spectacle for divers and snorklers.

"Cuttlefish employ a range of unusual sexual antics, both in the lead-up to and performance of sex," said research officer Lissa van Camp.

"Mostly they mate head to head, which is when the male reaches into his body cavity and pulls out a spermatophore, which is essentially a rod full of sperm. He then passes this to the female and she stores that rod around her mouth. When she's prepared to lay her eggs, she reaches in and takes hold of the sperm rod and squirts it onto the egg," Ms van Camp said.

If this act weren't unusual enough, another bizarre mating strategy

among cuttlefish is "sneaky sex", where the physically smaller males, who can't compete with larger males, "cross-dress".

"He takes on the body colours of the female and he can sidle up nice and close. Meanwhile, the large male thinks it's a female, so he's all of a sudden thinking this is fantastic – I've got two females! When he turns away, the little guy assumes the colours of the male again, quickly mates with the real female, and then swims away," Ms van Camp said.

While this can be exciting viewing for tourists, the cephalopod species, which includes cuttlefish, squid and octopus, are an important resource for fishing. Their reputation as a delicacy in restaurants has led to the demise of many species.

Subsequent lobbying by the ecotourism industry brought about the closure of a fishery near Port Lowly during the annual breeding season. While a positive result for cuttlefish and ecotourism, this had obvious negative impacts on fishing.

"Looking at interest from both parties, we're trying to come up with something more sustainable," Dr Gillanders said.

Studies of cuttlefish hatchlings will help determine whether the breeding

population have unique chemical signatures in their ear bones, or statoliths.

"We can then look at this same region of the statoliths in adults from the breeding aggregation the following year and determine whether they are homing back to this region, or whether they have come from throughout the state," she said.

"We should be able to determine whether the cuttlefish that are coming back to breed the next year actually originated from that breeding group."

Another goal for researchers is to formulate a better management strategy, so that annual management decisions are not necessary.

"Results from our work will help in designing a possible marine protected area which is closed to fishing of cuttlefish year round, rather than for the short season that presently exists.

"Preventing long-term harm to the Giant Australian Cuttlefish population is a major concern," Dr Gillanders said. "We aim to protect the marine ecology, while at the same time provide unique benefits to the fishing and ecotourism industries, and South Australia's economy."

Story by Natalie De Nadai

Radio series spells out literacy success

Literacy problems are more widespread – and much more complex – than you might expect.

It's estimated that 46% of Australians don't have the necessary literacy skills to cope with the demands of today's society. The other 54% are constantly challenged to explore new and emerging "literacies".

A new series starting soon on Radio Adelaide delves into the issue, telling people's success stories of overcoming literacy problems and expanding on what we commonly know as "literacy".

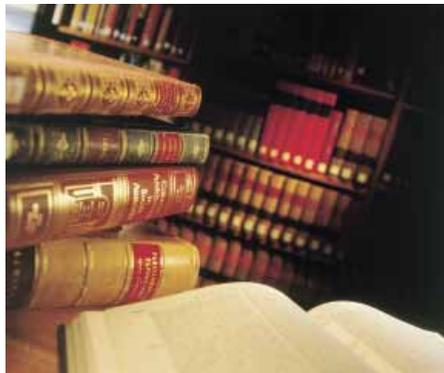
Until she interviewed dozens of learners from 20 to 70 years old, series producer Angelina Edwards never knew there were so many different literacies.

"We commonly think of language, literacy and numeracy as being the main issues, but there are IT and computing, health and cultural literacies as well," Ms Edwards said.

"I didn't realise that, in addition to all of these different literacies, there would be so many inspirational stories from people who've overcome these barriers in their lives."

Retrenched from a job when he was in his mid 40s, Jack didn't believe he would be able to find further employment. His wife encouraged him to attend an adult re-entry course, but it meant confronting earlier negative experiences of formal education. Jack had left school at an early age and found employment doing various labouring jobs.

After only a week at the adult re-entry course, the staff identified Jack's earlier learning difficulties as severe dyslexia and helped him develop strategies to make learning easier and more enjoyable. He went on to complete a number of TAFE Certificates and now has full-time employment as a supervisor



working with computers. "Before that I didn't want to have anything to do with them!" he said.

Jack's story is just one of many included in the Radio Adelaide series, which also involves professionals and volunteers who help people overcome literacy problems.

Called *Well... I never knew that!*, the 20-part radio series will be broadcast nationally. It debuts in August on Radio Adelaide 101.5FM and on the Internet, 7.30am weekdays from August 2 until August 27.

The series culminates in a one-hour forum about current literacy issues and strategies, called *Survival Skills for the 21st Century*, on August 29 at 10am.

This leads into the Australian Great Literacy Debate, part of National Adult Literacy Week (September 1-8) in the United Nations Decade of Literacy.

The 20 short programs, plus the one-hour forum, will also be available as a three-CD set. For details visit the website: www.radio.adelaide.edu.au

Well... I Never Knew That! is funded under the ANTA Adult Literacy National Project by the Commonwealth through the Department of Education, Science and Training.

Our new Federation Fellow

One of the world's leading experts in ancient DNA research will join the University of Adelaide in January next year.

Professor Alan Cooper, who is currently based at Oxford University, will head a specialist DNA research centre at Adelaide's School of Earth and Environmental Sciences, after receiving a prestigious Federation Fellowship from the Federal Government.

He is the University of Adelaide's third Federation Fellow, joining demographer Professor Graeme Hugo and plant scientist Professor Mark Tester.

"Professor Cooper will bring unique expertise built up over a 15-year research career to Australia where fragmentary DNA research is still in a very embryonic state," Deputy Vice-Chancellor (Research) Professor Neville Marsh said.

The centre headed by Professor Cooper will use long-term records to investigate genetic responses of animals, plants and micro-organisms to environmental change, which in turn will help plan for future management of Australia's ecosystems, biodiversity and tourism.

The *Adelaidean* will further examine what Professor Cooper's appointment means for the university, the State and the nation in a future issue.



July 2004

101.5fm

radio.adelaide.edu.au

Naidoc Week
July 4 to 11

Celebrate the survival and strength of Aboriginal & Torres Strait Islander cultures

Deadly Bitz of indigenous culture guerilla moments throughout the week

Black & Proud stories of SA Indigenous Women
3.30pm weekdays & Sunday July 4 & 11 @10am

Radio Adelaide survives & thrives because of our subscribers

Subscribe in July
and go into the draw for our

Movie Lovers Package - valued at \$982

Includes **The Movie Show's 7-CD collection** featuring 101 movie themes and songs **2 double ABC Classics CD-sets** of award winning cinema music **3 DVDs** *Master & Commander, Braveheart & X-Men 2* and **11 Trak Cinemas tickets**

Only \$52 or \$26 concession - call during business hours on 8303 5000 or email radio@adelaide.edu.au

Keep On Keeping On
working & connecting regardless of age



weekdays in July
7.30am, 2.30pm

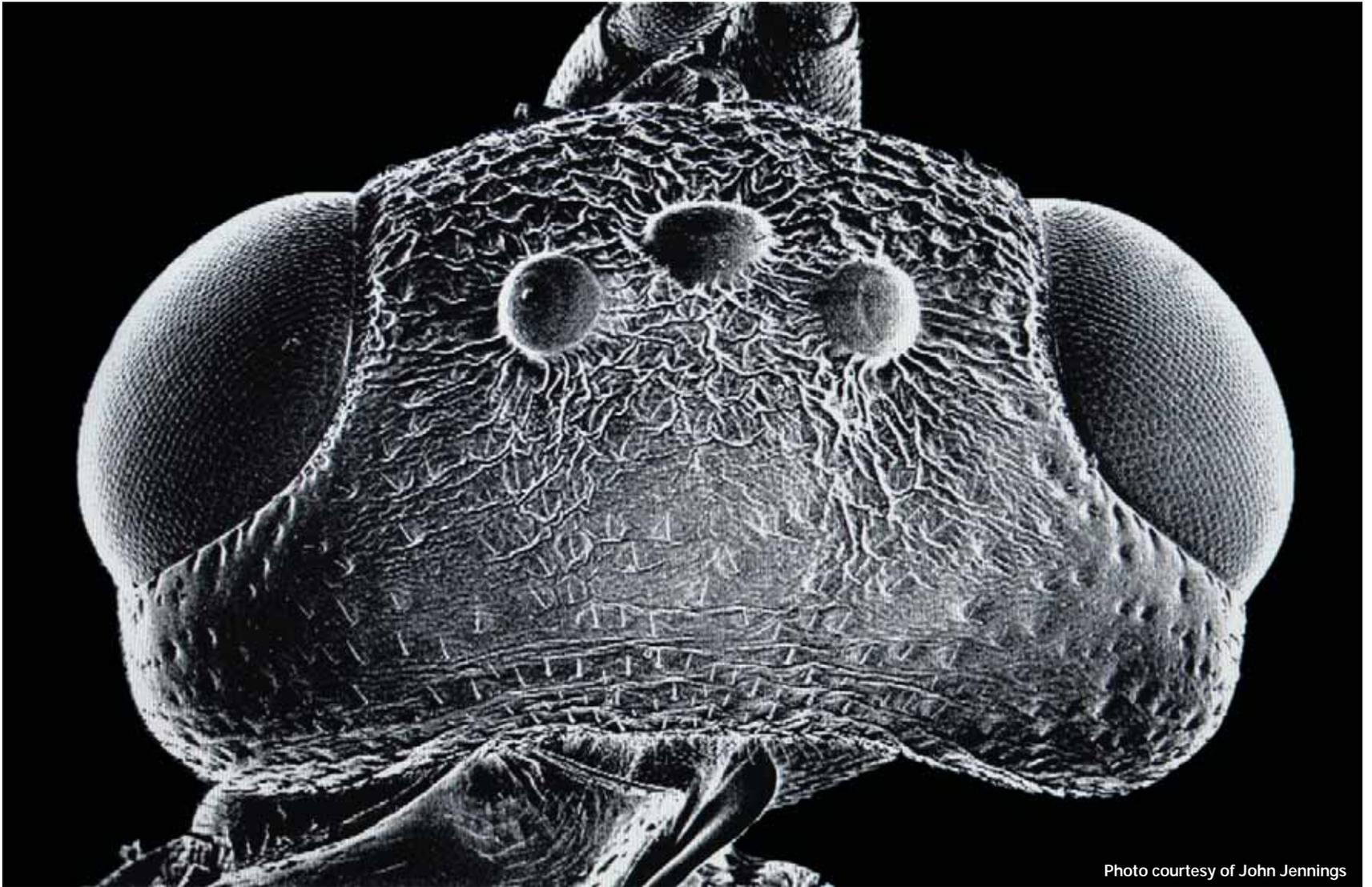


Photo courtesy of John Jennings

Native wasp discovery pays homage to famous explorers

The spirit of discovery in South Australia lives on... in a new wasp!

The historic meeting of explorers Matthew Flinders and Nicolas Baudin on the South Australian coast in 1802 has been commemorated more than 200 years later in the name of a new wasp discovered by University of Adelaide researchers.

The *Aulacus flindersbaudini* (pictured above) is one of three new wasps discovered and named by three University of Adelaide entomologists: Dr John Jennings, Professor Andy Austin and Mr Nick Stevens.

The three wasps belong to the family Aulacidae, which is extremely rare in South Australia. Less than a dozen specimens have been collected over the last 150 years.

The other new species were named *Aulacus grossi*, in honour of its collector Dr Gordon



Matthew Flinders and Nicolas Baudin – two great explorers whose names now grace a new species of wasp discovered on Kangaroo Island

Gross (former curator of Entomology at the South Australian Museum); and *Aulacus belairensis*, after its place of discovery, the Belair National Park.

Dr Jennings said the Aulacidae family is found on all continents, and their larvae live inside the larvae of wasps and beetles which bore into tree branches and trunks.

“Until the new species were discovered, the Aulacidae was known in South Australia from only a single specimen of the species, *Aulacus*

moerens,” he said. “This was described in 1868 and collected on the Adelaide plains. It hasn’t been collected since and is probably locally extinct.

“We only have one specimen of *Aulacus flindersbaudini*, which was collected by Professor Andy Austin at West Bay in the Flinders Chase National Park on Kangaroo Island. The wasp is reddish brown and about 8mm long. Because all we have is the male of the species, we know nothing about its biology or host species.

“Given the location of the wasp, and with the recent celebrations of the 200th anniversary of the meeting between Flinders and Baudin and the opening of the University of Adelaide’s new Flinders-Baudin Research Centre on Kangaroo Island, we thought the name to be entirely appropriate.”

The descriptions of the new wasp species have just been published in the current issue of the Transactions of The Royal Society of South Australia.

Story by Ben Osborne

Space student has high hopes

Kimberley Clayfield has taken her childhood fascination for space and turned it into a career ambition.

Now the University of Adelaide student is one of only a handful of Australians taking part in a once-in-a-lifetime event – attending the world’s most prestigious education program dealing with all aspects of space, the International Space University (ISU).

Ms Clayfield (pictured), who is completing her PhD in Mechanical Engineering at the University of Adelaide, has won a prestigious scholarship to attend the ISU summer program.

The program runs from June 27 to August 27 and is being held for the first time in Australia, hosted by South Australia’s three universities – Adelaide, UniSA and Flinders.

As one of 115 graduate-level students from around the world, Ms Clayfield is taking part in lectures, team projects, field trips and a range of other academic activities, and learning from more than 160 international and Australian space experts who have travelled to Adelaide for the event.

The *Adelaidean* spoke with Ms Clayfield in the lead-up to the official launch of the ISU Adelaide program.

What is your overall interest in space, and how did you develop that interest?

I’ve always been fascinated by space, both as a result of astronomy lessons in early high school, and a passion for science-fiction novels! The adventure and excitement of exploring a place we still know so little about, and can potentially learn so much about our origins from, drives my desire to contribute to the space industry in some way.

Aside from inspiring me to study mechanical engineering, my enthusiasm for space exploration has also led me to become involved in a number of educational programs, such as the South Australian Space School and the SpaceFutures youth space conferences, in order to share knowledge with other students and young professionals, and hopefully inspire them as I was inspired.



What do you hope to achieve from attendance at the International Space University summer program?

It is not just engineers who make space activity possible, and it was through my participation in both SpaceFutures and the Space Generation Summit in 2002 that I became more aware of the great importance politics plays in the development of the space industry.

For this reason, I’m hoping to major in Space Law and Policy at the International Space University. I’m also looking to work within a large group of people, from many different cultures and career backgrounds, who have the same enthusiasm for space as me.

What comments do you have about the need to develop talent and leadership in the various space and related industries here in Australia?

Our space industry currently features world leaders in specialised technological niches, but it is still relatively small. There are many talented

students and young professionals in Australia with a passion for space activity, and I would like to see our industry harness the potential of all the young, dynamic Australians who are interested in this field to make our globally competitive space sector sustainable on a larger scale.

Hosting the International Space University’s Summer Session Program will draw the attention of the international space community to Adelaide and Australia; I hope that local industries can take advantage of this attention to generate more niche capabilities in partnership with overseas space programs, and more local space-related employment opportunities for Australians.

Mechanical Engineering postdoctoral fellow Dr Matthew Tetlow is also attending the International Space University summer program. See next issue of the *Adelaidean* for his comments on the space uni experience.

Space Uni: here’s your chance to get involved

A series of free public events is being held as part of the International Space University program in Adelaide. The events being held at the University of Adelaide are:

July 13, 7.30pm - International Astronauts Panel: “International astronauts: back to the Moon and on to Mars?” Union Hall, University of Adelaide, North Terrace Campus

July 27, 7.30pm - Distinguished Speakers Panel: “Space industry: where do we stand?” Union Hall, University of Adelaide, North Terrace Campus

August 6, 7.30pm - Gerald Soffen memorial panel: “Astrobiology: search for the origins of life” Union Hall, University of Adelaide, North Terrace Campus

There are also three “theme day” events, all held on July 27.

Members of the public can attend these theme days for free, but they must register to attend by visiting the program website: www.ssp04adelaide.com

July 27, 9am - Theme Day (all day): “Space and national security” Brookman Hall, UniSA, City East Campus

July 27, 9am - Theme Day (morning): “Threats from Near Earth Objects (NEOs)” Maths and Engineering Building, Room MG08, University of Adelaide, North Terrace Campus

July 27, 9am - Theme Day (afternoon): “Remote Sensing the Universe” Maths and Engineering Building, Room MG08, University of Adelaide, North Terrace Campus

Thinker shares insights into human brain

The University of Adelaide is one of the main hosts of the city of Adelaide's latest Thinker in Residence.



Labelled a “dynamo” with a rare ability of making science accessible to everyone, Adelaide Thinker in Residence Baroness Professor Susan Greenfield (above) is expected to leave an indelible mark on the university and the state.

Regarded as a world – leader in her field of neuroscience, the Oxford University-educated and based Baroness Greenfield will use her nine-week period in Adelaide to inform and influence the future of science in South Australia.

She will also share her extraordinary insights into the human brain, from how it works, to the degenerative diseases of ageing and the effects of common drugs.

Baroness Greenfield is in Adelaide as part of the South Australian Government's Adelaide Thinkers in Residence program and will embark on two visits. Her first commenced in the middle of last month until mid – August, and she returns in 2005 in July.

Part of her time will be spent working from the University of Adelaide's School of Molecular and Biomedical Science.

“An invitation to appointment as an Adelaide Thinker in Residence is a prestigious award, which recognises both exceptional talent and outstanding leadership,” said Adelaide Thinkers in Residence Director Ann Clancy.

“The Thinkers will undertake residencies of two to six months, and will assist South Australia to build on its climate of creativity, innovation and excellence. They will provide the State with strategies for future development in the arts and sciences, social policy, environmental sustainability and economic development,” she said.

The Thinkers each have a tailored program of activities, including project leadership, research, master-classes, public lectures, mentoring, writing and publishing.

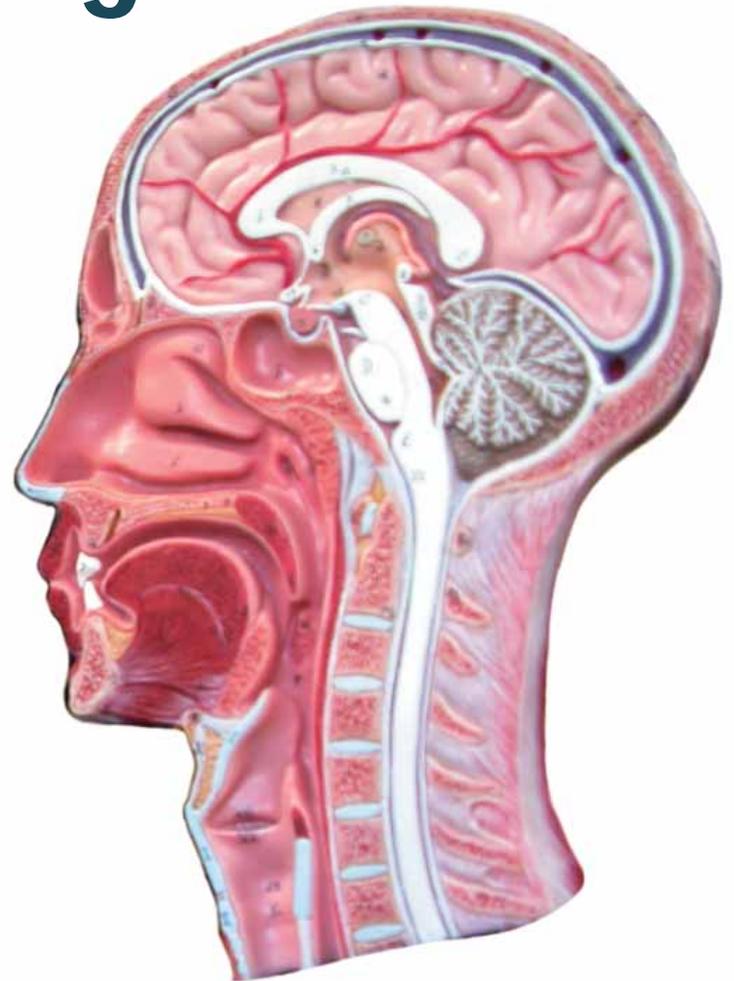
Some of Baroness Greenfield's engagements include a panel discussion on Science Communication in the Media and a symposium on the mystery of the brain and consciousness. The latter event is being held in August (see story this page).

Baroness Professor Susan Greenfield has achieved a reputation as one of the most influential women in the world. The theme of her research is developing novel strategies to arrest neuro-degeneration in diseases such as Alzheimer's and Parkinson's.

She has received a life peerage and a CBE in the United Kingdom and is the first woman to lead the prestigious Royal Institution of Great Britain. She holds the positions of Senior Research Fellow, Lincoln College, Oxford and Honorary Fellow at St Hilda's College, Oxford.

Partners in Baroness Greenfield's residency in Adelaide include the Department of the Premier and Cabinet, Bio Innovation SA, the University of Adelaide, Flinders and UniSA, Department of Education and Children's Services, and the Department of Human Services.

Story by Howard Salkow



Brain and consciousness - the final frontier?

“Consciousness is both one of the most obvious and yet one of the most mysterious features of the universe,” says University of Adelaide philosopher Dr Gerard O'Brien.

A new symposium will be held at the University of Adelaide next month to explore the unexplained regions of human experience.

The symposium will feature Adelaide's new Thinker In Residence, pre-eminent neuroscientist Baroness Professor Susan Greenfield, as well as academics from the universities of Adelaide and Flinders.

“Nothing could be more apparent than that each of us is a subject of conscious experiences. These experiences enable us to perceive and think about the world around us. They compose the ‘self’ with which each of us identifies,” said

Dr O'Brien, who is Head of the School of Humanities.

“And yet, despite the huge advances made in all other areas of natural science, how the human brain manufactures these conscious experiences remains largely unexplained.”

The symposium, jointly organised by the Adelaide Thinkers in Residence and the South Australian Neuroscience Institute, will examine the latest neuroscientific speculations about consciousness and consider whether there is any prospect of a scientific explanation of consciousness in the near future.

To be held on August 5, attendance to the symposium is by invitation only. For more information email Dr O'Brien: gerard.obrien@adelaide.edu.au

Jiri Tancibudek (1921-2004)

Internationally renowned oboist and teacher Jiri Tancibudek was a charismatic presence over five decades within and beyond the Elder Conservatorium of Music.

He was born in Czechoslovakia in 1921 and graduated from both the Prague Conservatorium and its Academy of Music, and was soon recognised as one of the star oboists of his generation. From 1945 to 1950 he occupied the Principal Oboe chair in the Czech Philharmonic Orchestra during its golden era under the conductor Rafael Kubelik when it was considered to be one of the finest orchestras in the world.

Although he intensely disliked the communist regime that tightened its grip in 1948 Tancibudek could have stayed in Czechoslovakia; his position was an exalted one and did not bring him into any direct conflict with the Stalinist authorities. For his wife and her family, however, things were different. Together they defected in January 1950, crossing to Bavaria in a perilous 36-hour trek through mountainous terrain in sub-zero temperatures. They left everything – except his precious oboe – behind, in order to suggest they had just gone for a casual stroll. Czechoslovakia's loss soon became Australia's gain.

Once in the West, Tancibudek was invited to join another of the world's

great orchestras, the Chicago Symphony. Fortunately – from the Australian perspective – he declined. Curiously, a US visa was initially offered only to himself and not to his wife (a feature of US immigration in those days); and so they came to Australia. His first position was that of oboe teacher at the then NSW State Conservatorium in Sydney; but he was soon headhunted by the Melbourne Symphony Orchestra and subsequently occupied their Principal Oboe chair for eleven years.

The move to Adelaide, jointly to establish the University of Adelaide Wind Quintet, and to teach at the Elder Conservatorium of Music, was thanks to the vision and good judgement of Professor John Bishop, who had invited him to perform (with Yehudi Menuhin) at the 1962 Adelaide Festival. Tancibudek was to perform with this internationally acclaimed ensemble from 1964 to 1986. They commissioned numerous Australian works, made countless recordings and broadcasts, and gave concerts in Australia and overseas. Through the 1960s, 70s and 80s, with Tancibudek as the guru, Adelaide was 'the' place for oboists. Today his former students occupy positions in many leading orchestras throughout Australia and overseas. After his retirement from the Elder Conservatorium Tancibudek often



attended concerts in Elder Hall, still taking a keen interest in the latest emerging talent. Fittingly, the last music he heard was in a rehearsal of the Elder Conservatorium Chamber Orchestra (which he had established in 1973) with his former student Jeffrey Crellin (who has his old chair in the Melbourne Symphony Orchestra). Jiri Tancibudek was flying from Adelaide to Europe when he died in the skies above the red centre, on Saturday, May 1.

Contributed by Professor Charles Bodman Rae, Elder Professor of Music

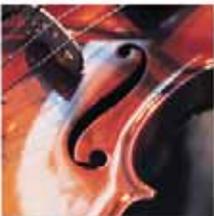
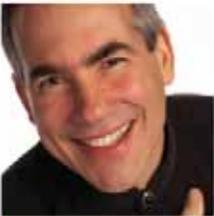
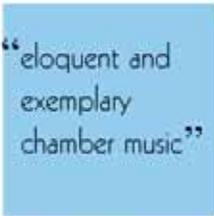
A special memorial concert celebrating the life and achievements of Jiri Tancibudek will be held at 6.30pm on Sunday, August 15 at Elder Hall.

All proceeds from the concert will go to the newly-formed Jiri Tancibudek Memorial Scholarship for Oboe, which will be awarded to the best young oboists to study at the Elder School of Music.

Among the performers at the concert will be Jeffrey Crellin (Principal Oboe with the Melbourne Symphony Orchestra), David Nuttall (oboist, from the Canberra School of Music at ANU), the Elder Conservatorium Chamber Orchestra (which includes former students of Jiri Tancibudek), members of the Tancibudek family and other friends, colleagues and former students.

Tax-deductible donations towards the Jiri Tancibudek Scholarship can also be made by contacting the Elder School of Music on (08) 8303 5272 or the Alumni, Community Relations and Development office on (08) 8303 5800.

Tickets for the concert are \$15/\$10, and available from BASS or at the door.

			 <p>MACQUARIE TRIO A U S T R A L I A</p> <p>2004 National Subscription Season</p> <p>Sunday, 1 August – 2:30pm Elder Hall, Adelaide University</p> <p>Sibelius – Piano Trio in C major Beethoven – Piano Trio in E-flat major, Op. 70 No. 2 Dvorák – Piano Trio in G minor, Op. 26</p> <p>2005 Season Brochure Now Available</p> <p>For tickets please call BASS on 131 246 or contact us on Freecall 1 800 359 441 or email mactrio@mq.edu.au</p>
		 <p>“eloquent and exemplary chamber music”</p>	
			

Law graduate's overseas success

A University of Adelaide graduate is putting her experience at home and abroad into legal practice.

Melissa Holzberger graduated with a Bachelor of Arts in 1997 and a Bachelor of Laws in 1999 at the University of Adelaide.

Following a stint as an Associate to Justice O'Loughlin in the Australian Federal Court in 2000 and two years' practice at Thomson Playford Lawyers, Ms Holzberger received a prestigious Chevening Scholarship to study in the United Kingdom.

Only four fully funded postgraduate scholarships are selected from 29 countries each year, and Ms Holzberger was the first Australian to be awarded the scholarship since its inception 10 years ago.

The Tripartite Chevening scholarship was funded by the Foreign and Commonwealth Office, together with Rio Tinto plc and the Centre for Energy, Petroleum and Mineral Law and Policy, University of Dundee, Scotland – the leading graduate school worldwide in the field of natural resources, energy and environmental law and policy.

The scholarship enabled her to study for a Master of Laws in Resources Law & Policy.

"My interest in natural resources, energy and environment law actually began when I was studying at the University of Adelaide," Ms Holzberger said.



"The Law School at Adelaide had long been known for its work in environmental law, and I knew that the university was closely linked with education and research into oil and gas exploration and mining.

"The Chevening Scholarship afforded me a unique opportunity to study at the leading school in the world for this field of law. It allowed me to take my earlier interest and build on that to work towards a career."

Ms Holzberger's studies focused on the petroleum and mining industries and issues affecting them, such as environmental regulation, emissions trading, renewable energy and water law.

She completed her studies last year, and just last month received her Masters in Resources Law & Policy with Distinction, obtaining the highest mark in the class in five of the courses she undertook.

As well as gaining an excellent grounding in all aspects of her chosen field – and achieving excellent results – Ms Holzberger said the international study experience was itself rewarding.

"The opportunity to study with postgraduate students representing approximately 40 different countries worldwide and to share specialist knowledge of the various sectors of the world energy and natural resources industries was invaluable," she said.

On completion of her Masters, Ms Holzberger worked with the in-house legal team at Rio Tinto's headquarters in London, providing legal advice to the company's worldwide mining operations.

"This was an amazing opportunity to put into practice everything I had learnt throughout my Masters regarding the resources industry," she said.

She has since returned to Adelaide, rejoining the offices of national commercial law firm Thomson Playford, where she practised in the areas of resources and energy law, environmental law and dispute resolution.

Ms Holzberger has now been appointed in-house legal counsel at BHP Billiton, the world's largest diversified resources company. She has recently moved to BHP Billiton's global headquarters in Melbourne to take up the position.

"My University of Adelaide studies provided me with an excellent grounding from which to pursue my career in the resources industry. I'm now looking forward to the new and exciting challenges in my role at BHP Billiton," Ms Holzberger said.

Story by David Ellis

Coming Events

Saturday, July 3

9am Public Symposium: "Environments and Ecologies in an Expanded Field" (July 3-4) with speakers Professor Paul Carter, Professor Ross Gibson, Dr Deborah Bird Rose, Mandy Martin and others. Art Gallery of SA, North Terrace. For full details/costs/registration visit: www.adelaide.edu.au/humss/english/SYMP2004/

Monday, July 5

1pm Architecture Postgraduate Seminar Series: "Thermal Comfort in Philippines Office Buildings: The Coolth* Preference" by Myla Andamon. The Forum, Level 5, School of Architecture.

Wednesday, July 7

5pm Geoffrey Parsons Award: Preliminary. Presented by the Accompanists' Guild of SA and Elder

School of Music. July 7-8 at Hartley Concert Room, Kintore Avenue. For enquiries phone: 8431 6030.

Friday, July 9

4pm Obstetrics and Gynaecology Seminar: "Ageing in Australia: Implications" by Professor Graeme Hugo (Geographical & Environmental Studies, University of Adelaide). Seminar Room, N229, Level 2, Medical School North, Frome Road.

Monday, July 12

1pm Architecture Postgraduate Seminar Series: Masayo Matsuda. The Forum, Level 5, School of Architecture.

Tuesday, July 13

7.30pm International Space University free public event: International astronauts panel, "International astronauts: back to the Moon and on to

Mars?" with Reinhold Ewald (European Space Agency) and Robert Thirsk (Canadian Space Agency). Union Hall, University of Adelaide, North Terrace Campus.

Thursday, July 15

7pm Phillip Moll Masterclass: a masterclass with young professional accompanists coached by internationally renowned ensemble pianist and accompanist Phillip Moll. Hartley Concert Room, University of Adelaide, Kintore Avenue. Admission \$10 (adults) \$5 (students). For enquiries contact Accompanists' Guild of SA: 8431 6030.

Friday, July 16

7pm Geoffrey Parsons Award: Final. Presented by the Accompanists' Guild of SA and Elder School of Music. Hartley Concert Room, University of Adelaide, Kintore Avenue. Admission \$15 (adults)

\$10 (concession) \$5 (students). For enquiries phone: 8431 6030.

Monday, July 19

1pm Architecture Postgraduate Seminar Series: "Reframing Construction Procurement - Alliances and Requests for Proposals" by John P. Swift. The Forum, Level 5, School of Architecture.

Monday July 19

7.30pm Messianism, Apocalypse and Redemption: 20th-century German Thought: Keynote addresses by Dr Engelhard Weigl (University of Adelaide) and Professor Robert Jenson (Princeton University). Open to the public. Entrance by gold coin donation. Australian Lutheran College, 104 Jeffcott St, North Adelaide. Full details/registration: www.geocities.com/messianism_apocalypse_redemption/ continued on page 12

Gene technology makes sense for farmers

The combination of science, farming and business makes perfect sense for a University of Adelaide graduate – and for Australia’s livestock industry.

After completing a PhD in animal nutrition at the University of Adelaide, Dr Reza Zarrinkalam was lured back to study by the idea of becoming an entrepreneur, putting scientific knowledge into business practice.

He went on to complete a Master of Entrepreneurship through the university’s Education Centre for Innovation and Commercialisation.

His next move was to establish the company GeneSense with the assistance of Professor Cynthia Bottema, a research fellow at the University of Adelaide’s School, of Agriculture and Wine, and Professor Herman Raadsma, Director of the Centre for Advanced Technologies in Animal Genetics, University of Sydney.

“The aim of GeneSense is to transfer the latest DNA-based screening technology to the Australian grazing livestock industries, so that farmers can select premium breeding stock,” Dr Zarrinkalam said.

“This will improve the value of grazing livestock and industry

productivity, and result in consistent, high-quality meat and wool products for the consumer.”

Based at the Adelaide University Research Park – Thebarton Campus, GeneSense has already received significant acknowledgment of its successes to date, and confirmation of the potential for commercialisation of its services.

In 2003, the GeneSense business concept was awarded the South Australian Premier’s Scholarship. It also won second place in last year’s Hewlett Packard-University of Adelaide Entrepreneurs’ Challenge.

Dr Zarrinkalam himself has been awarded business support, study and management skills development grants from Ausindustry, BioInnovation SA, the Australian Government Department of Agriculture, Fisheries and Forestry, and Thebarton’s Office of Industry Liaison for the development of GeneSense.

“One of the great things about GeneSense, from a personal point of view, is that it allows me to combine



and utilise my farming, scientific research and business skills, and helps me to develop those skills in many different ways,” Dr Zarrinkalam said.

“By offering this service, and transferring the latest DNA-based parentage testing technology from the research laboratory to the farmers, we hope to contribute significantly to the sustainability and profitability of the Australian grazing livestock industry.

Dr Reza Zarrinkalam with some sheep at the University of Adelaide’s Roseworthy Campus. Dr Zarrinkalam is using gene technology to provide benefits for farmers and consumers alike. Photo by Sarah Pain

“The name GeneSense really says it all – it makes perfect sense for farmers, which will benefit consumers.”

Story by Dr Stephanie Agius and David Ellis

Coming Events

continued from page 11

Thursday, July 22

7.30pm Messianism, Apocalypse and Redemption: 20th-century German Thought: Panel Discussion and Open Forum. Australian Lutheran College, 104 Jeffcott St, North Adelaide. Open to the public. Full details: www.geocities.com/messianism_apocalypse_redemption/

Monday, July 26

1pm Architecture Postgraduate Seminar Series: James Nancarrow. The Forum, Level 5, School of Architecture.

7.30pm Don Dunstan Human Rights Oration: “Ethics for One World” by Professor Peter Singer. Bonython Hall, North Terrace. Cost: \$15, \$10 (for Festival of Ideas Members) \$5 (concession), bookings essential. Contact Josie on (08) 8303 3364 or email: josie.covino@adelaide.edu.au

Tuesday, July 27

9am International Space University theme day (morning): “Threats from Near Earth Objects (NEOs)” with Peter Martinez (Director, South African Astronomical Observatory), Wendell Mendell (NASA Johnson Space Center) and Duncan Steel (Astrophysicist). Maths & Engineering Building, Room MG:08, University of Adelaide, North Terrace Campus. Free admission but registration necessary at: www.ssp04adelaide.com

1.45pm International Space University theme day (afternoon): “Remote sensing the universe.” Maths & Engineering Building, Room MG:08, University of Adelaide, North Terrace Campus. Free admission but registration necessary at: www.ssp04adelaide.com

6pm Free Public Lecture: “The Church and the University” by Professor Robert

W. Jenson. Lecture Theatre 102, Napier Building, University of Adelaide. Hosted by CISME and the Lutheran Students and Friends.

7.30pm International Space University free public event: Distinguished speakers panel, “Space industry: where do we stand?” Panelists include Roger Franzen (CEO, Auspace, Australia), Rick Sanford (Director, Space Initiatives, Cisco Systems, Global Defense and Space Group, US), and Ulrich Beck (Head of Business Development, EADS Space Transportation, Germany). Union Hall, University of Adelaide, North Terrace Campus.

Friday, July 30

4pm Obstetrics and Gynaecology Seminar: “Is it possible to redefine the migratory route of neural stem cells in

the adult brain?” by Dr Robert Moyer (Molecular and Biomedical Science, University of Adelaide). Seminar Room, N229, Level 2, Medical School North, Frome Road.

Saturday, July 31

8pm Elder School of Music Evening Concert: “Nightingale and the Rose” featuring the Elder Conservatorium Symphony Orchestra conducted by Keith Crellin. The Clarinet Concerto No.1 by Weber with Rosanna Lovell (soloist). Suite from The Nightingale and the Rose world premiere of Anne Cawrse. Symphony No. 7 in D minor by Dvorák. Tickets are \$25 adult/\$17 concession/\$10 student, and are available from BASS outlets or dial’n’charge on 131 246. For more information visit the website: www.music.adelaide.edu.au

Students win conservation grants

University of Adelaide students have won \$8000 in postgraduate scholarships from the Nature Foundation of SA.

The Foundation is dedicated to protecting the State's natural environment and saving native wildlife. It supports the all-important university research effort by providing up to \$2000 a year to successful Honours, Masters and PhD students at South Australia's three universities.

"The scholarship scheme promotes the need for sound scientific research which is necessary to underpin long-term conservation programs," said the Foundation's executive director, Bunty Parsons.

"It's also an investment in the people we need to produce great science in the future."

This year's successful candidates from Adelaide are:

- Timothy Moulds - \$1500 to support his PhD: "Endemicity, population dynamics and conservation of the pseudo scorpion *Protochelifer naracootensis* Beier in the Otway Basin, south-east South Australia." (Funds provided by Mr Robert Gerard of Gerard Corporation.)
- Bayden Russell - \$1500 to support his PhD: "Are gastropod grazers able to reduce the negative effects of elevated water nutrient levels on algal diversity?"
- Emily Moskwa - \$1000 to support her PhD: "Ecotourism as a means of encouraging ecological recovery in the Flinders Ranges, SA."
- Jodie Haig - \$1000 to support her Honours project: "Reproductive Biology of the Feather star,

Aporometra wilsoni (Bell 1888)." (Funds provided by Mr Robert Gerard of Gerard Corporation.)

- Justin Rowntree - \$1000 to support his Honours project: "Spatial variation of species diversity and abundance of juvenile estuarine fishes within the Gulf of Saint Vincent and Fleurieu Peninsula: are estuaries open or closed systems?" (Funds provided by Mr Robert Gerard of Gerard Corporation.)
- Melita de Vries - \$1000 to support her Honours project: "Determining habitat occupancy of fish, based on elements in ear bones."

Above: An Adelaide rosella, a type of crimson rosella found only in the local region

- Karen Young - \$1000 to support her Honours project: "The value of native and non-native trees as habitat for birds in the City of Adelaide."



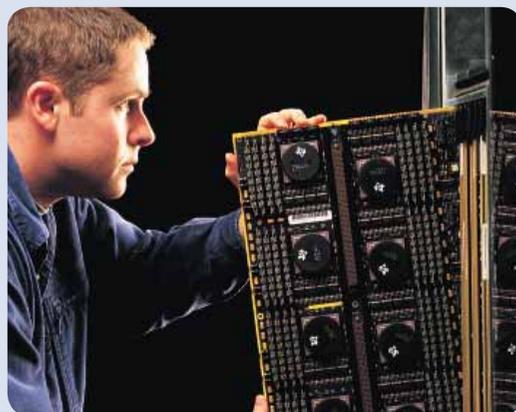
"Eagle" supercomputer lands at Adelaide

A new \$4.5 million supercomputer located at the University of Adelaide promises to make research faster and easier for South Australian scientists.

Named Aquila (Latin for "eagle"), it features 160 powerful processors joined together with extremely high-speed networking to provide blazingly fast and efficient computing power.

It is capable of a peak operating speed of 830 gigaflops – or equivalent to 830 billion arithmetic calculations per second. It will be one of the fastest supercomputers in Australia when installed later this year.

Funded partly by a \$1 million grant from the State Government, Aquila is run by the SA Partnership for Advanced Computing (SAPAC).



It also features contributions from Silicon Graphics (SGI), Intel and the South Australian Consortium for IT&T (SACITT).

SAPAC Director, and Professor of Physics at the University of Adelaide, Tony Williams, said Aquila will complement SAPAC's current two supercomputer clusters, Hydra and Orion. With Aquila and Hydra, South Australia will have two of the five fastest computers in the nation.

"The arrival of Aquila will mean we now have a world-class suite of supercomputers here in Adelaide," Professor Williams said. "Because Aquila is a genuine supercomputer, and not a supercomputer cluster, it can attack even the most demanding research and industry-based problems with ruthless efficiency.

"It is designed so that even if all 160 processors are communicating at once, there is enough capacity that all of them can communicate at full speed. It is also able transmit large amounts of data in this way very quickly, in a small fraction of the time of most other connection networks."

Aquila will be used in a wide range of scientific areas, including nanotechnology, physics, cancer treatment, chemistry, salinity, climate modelling, fluid dynamics and genetics. It occupies five racks 1.5m deep, 1.8m tall and a total of 4m wide, and weighs three tonnes.

It is powered by the SGI Altix multiprocessor supercomputer. SGI chairman and CEO Mr Bob Bishop is a University of Adelaide graduate.

Story by Ben Osborne

2004 Don Dunstan Human Rights Oration

ethics for one world



Presented by Internationally renowned philosopher and author Professor Peter Singer

Date	Monday, July 26 2004
Time	7:30pm to 9:00pm
Venue	Bonython Hall, University of Adelaide, North Terrace (<i>note: change of venue</i>)
Price	\$15, \$10 for Festival of Ideas Members and \$5 concession
Bookings	Essential, as seating is limited. Please contact Josie on (08) 8303 3364 or email to josie.covino@adelaide.edu.au

Following a sell-out success in 2003, the Don Dunstan Foundation and Oxfam Community Aid Abroad are proud to present the 2004 Oration to be held on Monday, July 26.

With a broad sweep of his philosophical brush, Professor Peter Singer will address the ethical aspects of a range of contemporary issues such as global warming, trade, international relations and foreign aid.

"Peter Singer may be the most controversial philosopher alive; he is certainly among the most influential." *The New Yorker*

Peter Singer has been professor of bioethics at Princeton University since 1999. Previously he was professor of ethics at Monash University. Singer has written on a wide range of contemporary ethical issues including abortion, euthanasia, the obligations of the wealthy to those who are living in poverty, the refugee question, our interactions with non-human beings and ecological systems, and the ethical implications of the global rift between rich and poor.

His most recent publications include *The President of Good and Evil: The Ethics of George W. Bush*, and *One World, The Ethics of Globalisation*. He was a passionate founder of the modern animal rights movement and his 1975 book *Animal Liberation* is the seminal work of that movement. Singer has continually pushed the boundaries of ethical discourse, always in the pursuit of the underlying question of "how are we to live our lives?" He has also taught at Oxford and New York universities. Singer is an ongoing supporter of Oxfam Community Aid Abroad.

04 Alumni Events

Melbourne Network: Wine Tasting Evening

Date: Friday, July 16
Time: 6-8pm
Venue: The Wine Society, 673 Bourke Street, Melbourne
RSVP: There will be limited numbers for this event so please register your interest asap to Joan Soon phone: 08 8303 3317 or email joan.soon@adelaide.edu.au

Professional Development 2-Day Course

"Managing Technology Innovation" presented by Dr Catherine Banbury, St Mary's College, California - The MBA Alumni Association

This course will focus on three core areas:

1. What are generic characteristics of technology? And when do these characteristics translate into advantages in the market?
2. What are the market/industry competitive issues associated with commercialising new technologies and introducing generational changes in existing technologies?
3. What are the organisational considerations for commercialising technology and for remaining competitive in the long run?

Date: 2-Day Course, July 16-17, Friday and Saturday

Time: 9am-3.30pm

Venue: Adelaide Graduate School of Business, 5th Floor, 233 North Terrace, Adelaide

Cost: MBAAA Members: \$250 Non-Members: \$300

RSVP: Robbee Spadafora by Thursday, July 1. Reservation must be accompanied by completed form and payment by fax or post email: robbee@pasqualedesign.com or phone 0408 998 477

Commerce Alumni - Cocktail Function

Showcasing South Australian Entrepreneur Martin Haese.

Martin will share his experiences in establishing Youthworks, the successful, innovative youth retail chain which was named Retailer of the Year in 2002.

Date: Wednesday, July 21

Venue: Garage Bar, 163 Waymouth Street, Adelaide (on the southern side of Light Square)

RSVP: Alumni, Community Relations and Development Office on 08 8303 5800

For more information, visit the Chapter website www.commerce.adelaide.edu.au/alumni

Organisational Politics - MBAAA Event

"The Role of Organisational Politics in Driving Change" presented by Professor Dave Buchanan, De Montfort University - The MBA Alumni Association

Dave Buchanan is the Professor of Organisational Behaviour, School of Business, De Montfort University, Leicester, United Kingdom. His Doctorate is in Organisational Behaviour from Edinburgh University. He is an author/co-author of 18 books on organisational behaviour and is a regular distinguished lecturer at the Adelaide Graduate School of Business.

In addition to his long list of academic achievements, Professor Buchanan has 25 years experience on management development and consulting assignments for international organisations including United Distillers, Digital Equipment, Polaroid, Fosse Health Trust, British Telecom, Volvo Car Corporation as well as Australian companies such as Faulding Chemicals, Australia Post and Motorola.

Date: Friday, July 30

Time: 6pm for 6.15pm start, concludes 7.30-8pm

Venue: Adelaide Graduate School of Business, NAB Room 5th Floor, 233 North Terrace, Adelaide

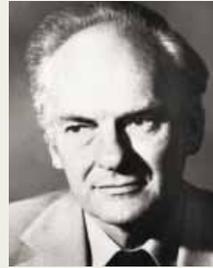
Cost: MBAAA Members: \$15 Non-Members: \$20

RSVP: Alison Wood, by COB Monday, 26 July email: alison.wood@adelaide.edu.au or phone 08 8303 3306



Stretton receives top honour

One of Australia's most important and influential social thinkers, Hugh Stretton, has received the highest award possible during the recent Queen's Birthday honours.



Emeritus Professor Stretton, a Research Fellow with the University of Adelaide's School of Economics, has received the Companion of the Order of Australia (AC).

The honour recognises his service as a historian, social commentator and writer, profoundly influencing and shaping ideas in the community on urban policy, town planning and social and economic development.

Professor Stretton was one of only seven Australians to receive the AC.

Considered by many as one of the most respected Australian

intellectuals of our time, Emeritus Professor Stretton has had an association with the University of Adelaide in the fields of history and economics for half a century.

A graduate of the universities of Melbourne and Oxford (where he held a Rhodes Scholarship), in 1954 he was appointed Professor of the University of Adelaide's Department of History, becoming the youngest professor in Australia at that time. Under his leadership, Adelaide's School of History became widely regarded as one of the most lively and productive in the nation.

In 1968 Professor Stretton stepped down from his position to become a Reader in History, devoting more time to writing. Over the next decade he published five books including the bestselling *Ideas for Australian Cities* (1970), which became an Australian social science classic.

Among his many external commitments, Professor Stretton was deputy chairman of the South Australian Housing Trust from 1973-89. He served on several committees that were instrumental in shaping

the governance and structure of the University of Adelaide both before and after his retirement.

Professor Stretton formally retired from the university in 1989, after 35 years of service, and became Emeritus Professor of History. In retirement he turned to the study of economics, and is now affiliated with the School of Economics.

In 1998, the University of Adelaide awarded Professor Stretton a Doctor of the University degree (D.Univ), recognising his long and meritorious service to the university.

This year, more than 70 South Australians received Queen's Birthday honours. 27 people associated with the University of Adelaide were among those to receive honours throughout the nation.

A full listing of our Queen's Birthday honours winners can be found below.



2004 Queen's Birthday Honours List



Congratulations to the following University of Adelaide alumni who have been awarded Queen's Birthday Honours.

Companion (AC) of the Order of Australia

Emeritus Professor Hugh Stretton
(Research Fellow, School of Economics)

Officer (AO) in the General Division

Dr Lynn M F Arnold
(BA 1979, BEd 1990, PhD 2003)

Emeritus Professor Athelstan Laurence Beckwith
(PhD 1959)

The Honourable Justice Kemerl A Murray
(LLB 1953, BA 1954)

Professor Donald A A Simpson
(MBBS 1949, MS 1964)

Member (AM) in the General Division

Professor Peter M Bartold
(BDS 1979, BSc (Dent)(Hons) 1980, PhD 1983, D Dent Sc 1997)

Dr Anthony R Clarkson
(MBBS 1963, MD 1973)

Mr William R Cossey
(BSc 1968)

Ms Lyndall M Hendrickson
(BA (Drama St) year unknown)

Professor John D Horowitz
(B Med Sc 1969, MBBS 1972)

Dr John M McIntyre
(PhD 1972)

Dr Helen M J Reid
(M Ed St 1993, PhD(Arts) 1996)

Dr Michael S Rice
(MBBS 1959)

Mr John William Ryan
(B Ag Sc 1950)

Mr Raymond J Stanley OBE
(Dip Arts & Ed 1952, BSc 1961)

Professor Mark Sebastian Wainwright
(B App Sc 1966, M App Sc 1969)

Medal (OAM) in the General Division

Mr Robert N Childs & Mrs Jane M P Childs
(BA 1971)

Dr Robert M Edwards
(MBBS 1963)

Mr Robert Hetherington
(BA (Hons) 1951)

Dr Ronald Harris Jarvis
(MBBS 1948)

Mr John Percival Jennings
(Deceased)
(B Ag & Nat Res Sc 1944)

Ms Sandra M Lashchuk
(M Mus 1985, B Mus 1966, B Mus (Hons) 1967)

Dr Margaret C Moody
(MBBS 1961)

Dr Reuben J Myhill
(BDS 1948)

Mr Francis E O'Donnell
(Former Staff Member - Florey Foundation)

Dr Peter D Thomas
(MBBS 1972)

Mrs Jean Russel Yule
(BA 1939)

World premiere at evening concert

Two Elder School of Music students with different musical backgrounds will take centre stage at this month's Evening Concert.

PhD Composition student Anne Cawrse will have her orchestral suite *The Nightingale and the Rose* receive its world premiere, while third-year Performance student and clarinettist Rosanna Lovell will perform Weber's *Clarinet Concerto No. 1*.

For Anne, 23, the performance of *The Nightingale and the Rose* by the Elder Conservatorium Symphony Orchestra will see it performed for the first time – but in its second incarnation.

She originally composed the piece as a 45-minute ballet for her Honours folio in 2003, the story of which was taken from a collection of short stories by Oscar Wilde and which included his famous *The Selfish Giant*.

"The suite version of *The Nightingale and the Rose* was an opportunity for me to capture the "best bits" of the full-length ballet and to try and make them work together over 15 to 20 minutes," she said.

"The challenge was to find out what works well together and what doesn't, maintain some thematic unity and then also make sure the storyline of the original is still easy to follow for the audience."

Rosanna, 21, is combining her Music degree with a Bachelor of Arts degree, majoring in French and English. Currently principal clarinet in the Elder Conservatorium Symphony Orchestra, she harbours plans to study music in France at the completion of her Adelaide degrees.

"I didn't expect to be performing," she said. "(Elder Conservatorium Symphony Orchestra conductor) Keith Crellin asked me at the start of the year whether I'd like to do it and up until then it hadn't crossed my mind!

The third item on the program is Dvorak's *Symphony No. 6 in D*, which is being performed by the Elder Conservatorium in the centenary of the composer's death.

The Nightingale and the Rose concert forms part of the Elder School of Music's Evening Concert Series for 2004, and is being held in Elder Hall at 8pm on Saturday, July 31. Tickets are \$25 Adult/\$17 Concession/\$10 Student, and are available from BASS on 131 246.

PhD Composition student Anne Cawrse (right) with third-year Performance student and clarinettist Rosanna Lovell
Story and photo by Ben Osborne



PMP Professional Management Program

Adelaide Graduate School of Business ▶ Leaders in Management Education



"I have held senior management positions for more than 30 years, and thought I had a good understanding and grasp of the requirements of a manager. However, the PMP course allowed me for the first time, to think and act strategically about many aspects of my business."

Paul Donkin
Manager Food Services, Elderly Citizens Homes of SA Inc

If you're in a management role with years of experience and looking to enhance your management skills, then you should consider the University of Adelaide's **Professional Management Program (PMP)**.

This practical and relevant action-learning program has immediate application in the workplace. It will both broaden and strengthen your management skills

and inspire confidence in your inherent management abilities by

- providing a thorough grounding in core management competencies
- developing your strategic and analytical skills
- enhancing your leadership abilities
- expanding your capacity to confidently evaluate complex business situations.

Designed for the Working Manager

Presented over 12 months in 6, two-day modules, the format is structured and paced to suit working managers with competing demands for their time.

The **PMP** is an opportunity to complete a University-recognised non award program. It will appeal to both graduates and non-graduates.

If you're wishing to undertake further management studies such as the Adelaide MBA, this program carries status of 2 courses.

The fee for this challenging and interactive program is \$4750 per person (GST free).

Intake closing soon. If you would like to become more effective in managing resources then act now and register for the **PMP**.

Contact Rosemary Tanner
today (08) 8303 4579 or
rosemary.tanner@adelaide.edu.au
www.agsb.adelaide.edu.au/execed



ADELAIDE GRADUATE SCHOOL OF BUSINESS
LEADERS IN MANAGEMENT EDUCATION