

ADELAIDEAN

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NEWS FROM THE UNIVERSITY OF ADELAIDE

JUNE 22, 1998

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National olive project to be based at Roseworthy

AUSTRALIA'S LARGEST collection of olive varieties will be established at the Roseworthy Campus of the University of Adelaide as part of a major plan to develop a strong, viable industry.

The National Olive Variety Assessment Project (NOVA) is being set up to provide growers with detailed information on the suitability of varieties for Australian conditions—particularly for oil production.

The project was initiated by Primary Industries and Resources South Australia (PIRSA) and will be funded by the Horticultural Research and Development Corporation and Israeli company Agrolive.

The project will include 100 different varieties of olives and cover three hectares of the Roseworthy Campus.

Ms Susan Sweeney, PIRSA's industry development officer for olives, said trials would be established to examine management practices that will maximise quality and yield of oil under Australian conditions.

Ms Sweeney said Australia imports \$110 million worth of olive products each year and there was enormous potential to reduce that figure.

"There are plantings going on around the country but a lot of it is ill-informed with some people planting an old variety and not thinking long

term," she said.

"What we're trying to do is put a bit of caution into their thinking by suggesting they develop a business plan, determine which varieties they want to grow, what market they want to sell to and what sort of product they want to sell."

Ms Sweeney said although olives were first introduced to Australia in 1805, there was very little knowledge of how certain varieties performed here.

"It's important for this project to produce some results because there's virtually nothing in Australia at the moment," she said.

Ms Sweeney said the project would

involve evaluating oil yield, oil quality and flesh to pit ratio for table olives.

She said the Roseworthy Campus was chosen to establish the collection because it had land available, was an educational training and research resource and the University of Adelaide's Faculty of Agricultural and Natural Resource Sciences had already participated in olive research.

Ms Sweeney said plantings would take place towards the end of the year.

—Anne Lucas

For further information contact Susan Sweeney on (08) 8389 8800.

New department firms environment teaching/research

FROM 1 JULY, 1998, the Department of Geography and the Mawson Graduate Centre for Environmental Studies in the Division of Humanities and Social Sciences will merge to become the Department of Geographical and Environmental Studies.

Associate Professor Nick Harvey will be Head of Department, and Associate Professor Lesley Potter will be Deputy Head.

The combined department will be very strong in research, with particular strengths in areas such as biogeography, coastal geomorphology, environmental management, EIA, development studies, rural geography, urban studies, Quaternary studies and environmental education.

Links between the Mawson Graduate Centre and other departments and faculties—including the Adelaide Centre for Environmental Law, Civil and Environmental Engineering, and departments within the Faculties of Science and Agricultural and Natural Resource Sciences—will be maintained.

At the same time, Geography will bring to the merger its strengths in Demography and in Geographic Information Systems with its associated Key Centre for Social Applications of Geographic Information Systems, as well as its own links with departments such as Geology and Soil Science.

"Most Environmental Studies centres in Australia founded in the 1970s have now merged with other departments, mostly Geography departments," Associate Professor Harvey said.

"The original centres were created in response to environmental concerns of the time which were not being addressed by the traditional disciplines. In particular there was a need to tackle environmental issues in a holistic and interdisciplinary manner.

"The increased strength of the new department should mean that it is better equipped in its role of teaching and researching for the environment, in addition to its allied geographical focus."

• Associate Professor Ken Dyer, who has been associated with the Mawson Graduate Centre since its foundation in 1975, writes about the merger in the Commentary on Page 2.

From this ...



to this!



CONSTRUCTION has begun on the University of Adelaide's new \$6.5 million five-storey Engineering and Mathematics building. The new building is part of the North Terrace campus lower level site redevelopment and will house offices, seminar rooms and computer design suites for the faculties of Engineering and Mathematical & Computer Sciences. Work on the building is expected to be completed by July 1999.



The University and the Modern World

The University of Adelaide is almost the archetype of a sandstone university. It looks the part, as its magnificent old buildings on North Terrace are actually built from sandstone and there are also sandstone and sandstone trim buildings on its other campuses. It is old—in Australian terms—and when one looks at measures such as staff and student profile, and research eminence, it scores well. It is very much a part of the sandstone club, the Group of Eight.

And yet in some ways it is interestingly different from its sandstone peers. I was thinking this when I was looking at the Higher Education Supplement in last week's *Australian* in which the *Good Universities Guide's* comments on 'environmental studies' were published. Dean Ashenden and Sandra Milligan who produce the *Good Universities Guide* point out that environmental studies courses are typically offered in the universities established in the late 1960s and early 1970s—universities such as Griffith, Murdoch, Flinders and Macquarie—or in new universities such as Edith Cowan or Western Sydney. However, looking at the universities that have the highest overall graduate satisfaction with undergraduate courses reveals Adelaide to be the sole representative of the sandstones. We also score well in terms of high postgraduate coursework enrolments and high numbers of students going on to further study.

Not only do we have extremely interesting courses on the environment, but Adelaide is probably the university with the widest and deepest research profile in this area. Our Research Branch has just issued the most recent edition of the *Directory of Environmental Research*, a magnificently useful publication particularly for employers, potential research postgraduates and for governments looking for experts to undertake contract research. A quick look through the handbook will show that environmental research in this University covers an enormous diversity of fields.

The University's strength in areas that are of urgent interest to the modern world is also illustrated in the new edition of our *Directory of Food and Nutrition Research*. Here again one can easily be surprised by the depth of the research activities and the number of disciplines involved, as our work in nutrition occurs in the fields of medicine, chemical engineering, chemistry, agriculture and economics; it is also picked up in the Division of Humanities and Social Sciences in the Centre for the History of Food and Drink. Issues of food and nutrition, particularly as they affect the region immediately to our north, will become increasingly important in the next century.

It is a short step from food to wine, and this institution is the outstanding university for wine education and research. As in the areas of nutrition and food research, and environmental research, we work with relevant partners, particularly groups in CSIRO, in the South Australian Research and Development Institute, with the Australian Wine Research Institute and many industry members.

Our University has a great deal to offer the modern world. Too often we are too slow in realising this ourselves. As I said a couple of weeks ago, commenting on the *Asiaweek* rankings, Adelaide is possibly one of Australia's best kept secrets.

PS: Copies of the new Research Directories are available from the Research Branch.

MARY O'KANE

COMMENTARY

A NEW ERA FOR ENVIRONMENTAL STUDIES

On 1 July this year the Mawson Graduate Centre for Environmental Studies will merge with the Department of Geography to form a single administrative unit of Geographical and Environmental Studies.

Although both areas of academic study will be maintained, this will formally end the 23 year administrative independence of the University's entity responsible for teaching and research in environmentalism. The significance of this event for environmentalism in the University remains to be seen.

Environmental Studies began at the University of Adelaide in early 1975 with the appointment of Dr John Hails as Director of Environmental Studies. His position was university-wide and outside the faculty structure. At the time, this was not seen as very significant, because there was no other teaching or research being conducted in the university which claimed the rubric "environmental". Hails quickly established a research program involving staff from the Geology and Geography departments. He also established the Master of Environmental Studies which, then as now, involved staff and incorporated existing and specially designed subjects from a wide range of departments around the university including Architecture, Botany, Chemistry, Economics, Engineering, Genetics, Geography, Geology, History, Law, Medicine, Physics, Soil Science and Zoology.

For purely administrative/financial reasons the Centre was placed inside a faculty in 1984, but based on its interdisciplinary teaching and research, it could well have fitted into any one of half a dozen faculties. At the time it was the Faculty of Arts which provided a guarantee of the Centre's academic independence, while letting it retain most of its original links across the university. After extensive reviews, the Chair in Environmental Studies was created with a recommendation that the incumbent have a scientific background. Indeed, the Foundation Professor of Environmental Studies, Martin Williams, was appointed Adjunct Professor in both the Science and Agricultural Sciences Faculties. His research activities are now carried out with collaborators from Physics, Geology, Economics, Soil Science and of course Geography. Other staff members are almost equally catholic in their choice of research collaborators, with Politics, Women's Studies, Education, Medicine, Communication Studies and other departments from this and other universities being prominent. However, as a Centre within a Faculty, the Director no longer had a university-wide role.

Over the last few years a number of faculties and departments at this University have initiated new degrees and awards in environmentally related areas. This has somewhat reduced the Mawson Centre's teaching links with other faculties, but has paradoxically revived the need for a director or coordinator of environmental activities across the university. There is an Environmental Studies Advisory Committee to the Director of the Centre, comprising independent environmental experts who are senior public servants, representatives of private industry and selected academics. Three members of this committee have subsequently been appointed to senior university posts: the Chancellor, Deputy Chancellor and the Deputy Vice-Chancellor (who unfortunately has had to withdraw from the committee). Perhaps this committee might be given a university-wide role after the merger?

The new department will be a strong and vibrant one with research expertise in a number of areas including coastal geomorphology, demography, development studies, environmental education, EIA, environmental management, environmental politics, GIS, rural studies, Quaternary studies, and urban studies. The new department will certainly be stronger than the two separate ones, and no doubt when they are co-located some useful economic efficiencies will be realised.

by
Associate Professor Ken Dyer
Deputy Director
Environmental Studies

However, environmental research and teaching at Adelaide will not be restricted to the new department and will need inputs from many other departments, as it always has.

This new departmental merger differs from other recent mergers. For example, in the Science Faculty some mergers have involved departments in the same broad disciplinary areas—different branches of physics, chemistry, geological sciences etc. The merger of European Studies departments (Linguistics is a different matter) involved departments concerned with different subject material but broadly similar paradigms, similar teaching and research strategies. The merger of Women's Studies and Labour Studies involved departments concerned with seemingly very different subject matter, but ultimately, as the departmental title they chose indicates (Social Inquiry), they have similar objectives and philosophies. The current merger is different again because, although there is overlap in subject matter, there are fundamental differences in the philosophies of Geography and Environmental Studies.

The fundamentals of the philosophy of Environmental Studies as I see them, based on my 23 years experience in this field, include the following:

- Environmental Studies is concerned primarily with the concept "environment" as constructed by humans. It is concerned with the material components of the physical world only as contributors to this construct and the understanding and valuation we have of it. Other environmentally oriented disciplines, on the other hand, are concerned with describing the material world and the physical consequences of changes to it for humans.
- Environmental Studies does not claim to be value free. In particular it adopts an advocacy role; it is for the environment;
- Environmental Studies recognises the intrinsic value of all other living things, with all that that implies;
- Environmental Studies adopts a holistic approach to teaching, learning and living in the environment:
 - (a) it minimises the distinction between (human) subject and (environmental) object;
 - (b) it is not based on the traditional disciplinary division of knowledge;
 - (c) it recognises the interconnectedness of everything and the consequences which flow from that;
- Environmental Studies seeks a unification of theory and practice; that is, it includes consideration of what individuals and communities/societies/governments can and should do in and for their environment as well as abstract consideration of environmental change;
- Environmental Studies has a future orientation. The future does not just happen; it is consciously, if imperfectly, created by us, and these futures have varying probabilities of outcome. Environmental Studies articulates preferences for particular futures;
- Environmental Studies proposes that the educational process, the way learning is organised, and the pedagogy employed, are as important as what is learnt. It adopts an activist, constructivist pedagogy.

Many other departments at the University of Adelaide are currently considering ways to better coordinate their environmental teaching and research. The new Department of Geographical and Environmental Studies looks forward to playing its part in these deliberations and strategies for putting them into practice. The new department has an exciting future!



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Closer links forged with Zimbabwe

ZIMBABWE is increasingly looking towards Australia for its developmental expertise rather than the United Kingdom and Europe. That position was confirmed after a recent visit to Adelaide by the chair of the University of Zimbabwe's Department of Soil Science and Agricultural Engineering, Dr Aidan Senzanje.

Dr Senzanje said real opportunities existed for collaboration between the University of Zimbabwe and the University of Adelaide. These included dryland farming, plant breeding, animal genetics and water and land resource management.

During his week-long visit, Dr Senzanje visited the University and met with the Dean of the Faculty of Agricultural and Natural Resource Sciences, Professor Malcolm Oades, and the Faculty's departmental Heads.

The Faculty's Manager Agribusiness Development, Mr Hugh McClelland, who organised the visit, said Dr Senzanje was "clearly impressed with the capabilities of South Australia to meet many of Zimbabwe's agricultural needs, particularly in education, training and research".

"In practical terms it is proposed that the Universities of Adelaide and Zimbabwe will enter into arrangements for joint research, staff training, staff exchanges and short, specialised courses," Mr McClelland said.

"At the same time it is anticipated that the University of Adelaide will host two postgraduate students from Zimbabwe."

Professor Oades said Dr Senzanje's visit was significant in terms of the internationalisation of the Faculty of Agricultural and Natural Resource



Dr Aidan Senzanje from the University of Zimbabwe, the Deputy Vice-Chancellor (Research), Professor Ross Milbourne, and Professor Sally Smith, Head of the Department of Soil Science. Photo courtesy of Anne Lucas.

Sciences.

"The discussions with Dr Senzanje were quite specific and opened the way for mutually beneficial collaboration for both universities," he said.

"I will visit the University of Zimbabwe later this year to pursue the interests that have been identified."

Professor Oades will also visit Botswana and South Africa to continue other leads recently initiated in those countries by the University of Adelaide.

While in Adelaide, Dr Senzanje also

had discussions with the South Australian Research and Development Institute (SARDI), Primary Industries and Resources South Australia (PIRSA) and the CRC for Soil and Land Management.

He also visited the Australian Irrigation Technology Centre and the Agricultural Machinery Research and Design Centre, University of South Australia at The Levels, spent a day with the Coorong and District Conservation Board and toured the agricultural machinery factory of John Shearer Limited.

—Anne Lucas

Astronomical mysteries in focus

ASTRONOMERS from around Australia and overseas will converge on the University of Adelaide next month for the annual scientific meeting of the Astronomical Society of Australia (6-9 July).

One of the highlights of ASA98 will be the Harley Wood Public Lecture, "Gamma Ray Bursts, Black Holes, and the Death of the Dinosaurs", to be given in the Flentje lecture theatre at 7.30pm on Tuesday, 7 July.

The speaker is Dr Brian Boyle, director of the Anglo-Australian Observatory, whose lecture will

explore some of the most exotic forms of matter in the universe and try to explain how gamma rays could be linked to the extinction of dinosaurs on Earth.

More than 120 astronomers are expected to attend ASA98, which will include discussion on: Australia's role in the international Gemini 8-metre telescope project; the construction of a new \$3 million gamma ray telescope at Woomera; the evolution of the universe since the Big Bang; giant galaxies that are thought to have super-massive black holes at their centres; observations

from the South Pole; and the recent discovery of our closest neighbouring galaxy, the Sagittarius Dwarf Galaxy.

The Astronomical Society of Australia is the association of professional astronomers and astrophysicists in Australia. Its president is Dr Roger Clay from the University of Adelaide's Department of Physics & Mathematical Physics.

For more information about ASA98 call (08) 8303 5275 or email <asa98@physics.adelaide.edu.au>.



Golden Key National Honour Society

Some 800 people attended the inauguration of the University of Adelaide Chapter of the Golden Key National Honour Society in Bonython Hall on Thursday 14 May. Chancellor Bruce Webb is pictured left receiving the charter from Golden Key's Director of International Development, Mr Mark Herndon, watched by Chapter President, engineering student Alan Anderson.

Three scholarships of \$700 each were presented at the reception. They went to Ms Najmeh Habili (Commerce and Law), Mr Daniel Sag (Mathematical and Computer Sciences) and Ms Rebecca Whyatt (Civil and Environmental Engineering).

NEWS IN BRIEF

OCEANIA SCIENTIFIC COMMITTEE

The Director of the Mawson Graduate Centre for Environmental Studies, Associate Professor Nick Harvey, has been appointed by the International START (a global exchange SysTEM for Analysis, Research and Training) to be the Australian representative on a new START-Oceania Regional Committee.

The committee's work will involve scientists from the Pacific Island nations, Australia, New Zealand and Hawaii.

The Director of the International START Secretariat in Washington DC, Professor Roland Fuchs, said the Oceania Committee would play an active role in promoting regional cooperation in global change research and capacity building efforts and in supporting the activities of its co-sponsors, the International Geosphere-Biosphere Programme, the International Human Dimensions Programme and the World Climate Research Programme.

CHINA EXPERT VISITS

Dr Robert Ash of the School of Oriental and African Studies in London will be visiting the Centre for Asian Studies as a Distinguished Visiting Scholar from 24 July to the end of August.

A former Director of the Contemporary China Institute of London University, and current Director of the European Union China Academic Network, Dr Ash is a leading scholar working on rural development in China.

While in Adelaide, Dr Ash will contribute to undergraduate subjects in Asian Studies and Economics, present seminars, and interact with postgraduate students working on Chinese Studies. He can be contacted through Mrs Jenny Dorsett on 8303 4288.

BASIL HETZEL ON BOOKS

The Friends of the State Library's Wednesday at One series of talks continues on 1 July, with guest speaker Dr Basil Hetzel AC.

Dr Hetzel graduated in Medicine from the University of Adelaide in 1944 and received the MD in 1949. He was Reader and Michell Professor of Medicine at Adelaide, Foundation Professor of Social and Preventive Medicine at Monash, and first Chief, CSIRO Division of Human Nutrition. He is currently Chancellor of the University of South Australia and Lieutenant Governor of South Australia.

Dr Hetzel will talk about the books that have influenced his life, in the Institute Building, North Terrace, at 1pm. Admission \$5 (concession/Friends of the State Library \$3).

AID POLICY APPOINTMENT

Professor Cliff Walsh, Executive Director of the South Australian Centre for Economic Studies, has accepted an invitation from the Minister for Foreign Affairs to become a member of the Aid Advisory Council (AAC) being established as part of the Government's response to the Simons Review of the Australian aid program.

The Minister's stated objective in establishing the AAC is to provide a mechanism by which people working outside Government can advise him on issues relevant to Australia's aid program, injecting community perspectives into aid policy.

Nobel visit a high point for young scientists

TWO ENTHUSIASTIC young scientists-in-the-making—12-year-olds Matt Geisler and Liam Brassel, students from Cabra Dominican College, Cumberland Park—were thrilled to be selected as the South Australian winners of the 'Australian Medical Research Discoveries' primary school poster competition.

Appropriately in this year of the Florey centenary, Matt and Liam selected Adelaide-born and educated Nobel Laureate Howard Florey as the subject for their entry in the competition, which was sponsored by AMRAD and the Australian Society for Medical Research.

As a boy Howard Florey kicked a football around the streets of Fullarton, just around the corner from Cabra College. Little did Matt and Liam realise that!

And they certainly didn't expect to meet and shake the hand of Australia's most famous living scientist, Nobel Laureate and Australia Prize Winner Professor Peter Doherty, who visited the college to present Matt and Liam with their prize.

The boys are not the only winners, according to their science teacher, Ms Fiona Graff.

"Professor Doherty's visit marks one of those once-in-a-lifetime high points for

all the students at Cabra. Everyone will remember the day Peter Doherty, Australia's most famous living scientist, came to Cabra," she said.

"It's not only Matt and Liam who are winners today—everyone at Cabra wins from having Professor Doherty visit and talk to the students."

Matt and Liam each received a brand new mountain bike for their poster-making efforts. Cabra College also received a grant of \$1800 from AMRAD to support science education in the school.

Presenting the boys with their prize, Professor Doherty told Cabra students: "People who become the high achievers in science are usually also good at languages and social studies. It is extremely important that you continue to study languages and humanities as well as science subjects. These subjects teach you the relative importance of your discoveries and how to communicate them to the rest of society."

"Teamwork and dedication are essential skills of a good medical scientist," noted Dr Steve Wesselingh, national president of the Australian Society for Medical Research.

"By teaming together, Matt and Liam have emulated Florey, who could not have developed penicillin as an antibiotic without the team work of



Liam Brassel and Matt Geisler. Photo courtesy of Dr David Leavesley

Ernst Chain and Norman Heatley."

Florey (with Chain and Fleming) was awarded the Nobel Prize in 1945 for the identification and development of penicillin, used today throughout the world to fight bacterial infections.

It remains to be seen if Matt Geisler

and Liam Brassel will continue their successful partnership and become heroes to tomorrow's students.

—Dr David Leavesley
Renal Medicine, RAH
Affiliate Senior Lecturer,
University of Adelaide

Our Hidden State celebrates SA science

EVER THOUGHT of the South Australian Art Gallery as a time tunnel of scientific evolution? Or considered exploring the many scientific treasures held in the State Library?

A new book, *Our Hidden State*, is the key to unlocking these and many more of South Australia's unique scientific secrets.

Contributors, who include prominent South Australian scientists from a range of backgrounds and disciplines, write about our natural heritage, science and ecology in a way that is accessible and entertaining to a wider audience.

Why not take a tour of the geological heritage and history of the Adelaide region with Maud McBriar, or follow an excursion into the geological past of the south-east with Professor John Prescott and find out about thermoluminescence dating processes?

The beauty and preciousness of South Australia's wetlands are revealed in Professor Keith Walker's evocative descriptions of the State's floodplains, while others examine the elusive and fragile nature of the Murray River and its estuary.

Astronomy, Woomera, the Adelaide Botanic Gardens, the reason why Adelaide has gully winds... all this and more is discussed in this celebration of South Australia and its science.

Our Hidden State, commissioned by ANZAAS (SA) and supported by the University of Adelaide Foundation and the Hickinbotham Group, was edited by Adelaide writer Cristene Carey.

"This book provides South Australians with a glimpse of their State through the eyes of its scientists. The intention of the book is to provide a guide that will help generate a positive attitude to, and increased

awareness of science in South Australia," Ms Carey said.

"The authors, who range from some of South Australia's most experienced scientists to some of its up-and-coming talents, all generously volunteered to share their enthusiasm and passions in this book. Most are professional scientists, others are amateur naturalists or have a strong interest in scientific endeavour."

Ms Carey said *Our Hidden State* was part of what she calls "science tourism".

"It's another view of our State—a different way of looking at the natural beauty and areas of interest which are normally seen only at face value by both tourists and locals.

"This book provides an understanding of the science behind many of those familiar sites, which in turn helps to enhance our understanding of South Australia as a whole," she said.



Our Hidden State is available for \$15.95 through Unibooks, the Art Gallery of South Australia, the University of Adelaide Foundation, or ANZAAS (SA).

Contact Cristene Carey on (08) 8364 1610 for more information.

—David Ellis

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Feast of papers at food and drink conference

FOOD AND DRINK—discussion of them, not consumption—will become the focal point for almost 100 delegates at a major international conference at the University of Adelaide.

Adelaide's new Research Centre for the History of Food & Drink will hold its First International Conference in the Napier Building, North Terrace campus, from 8-10 July.

The first of its kind in Australia, the conference offers a virtual feast of papers looking at the many and varied aspects of food and drink.

These include: the history of chocolate... food, drink and sex... the role of sugar in shaping Western culture... South Australia's olive oil and wine industries... table manners and witchcraft... drinking songs... food as represented in art... and changes in Australians' food choices over the years.

"Adelaide already has a worldwide reputation for its food and drink, particularly its wine. With the establishment of the Research Centre for the History of Food & Drink we now also have a reputation for academic interest in this field," said the director of the Research Centre and conference convener Dr Lynn Martin.

"Food and drink play major roles in our society and the development of food and drink is entrenched in our history and culture. This conference will bring together a wide range of academics, each with a wide range of interests, enabling us to explore the history of food and drink in some detail," he said.

The conference will be opened by the Patron of the Research Centre, Mr Don Dunstan, with a highlight of the program being the public lecture given on the Wednesday (5.10pm in Napier 102) by Mr André Cointreau, president of Cordon Bleu BV, Paris.

Prior to the conference the Research Centre is hosting a one-day historical tour of Adelaide's McLaren Vale region. Another historical tour, this time of the Barossa Valley, will be held on the Saturday following the conference.

—David Ellis

For more information about the tours or the conference contact Dr Lynn Martin on (08) 8303 5916.

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Research adds value to abalone

ABALONE RESEARCH at the University of Adelaide is not only finding beneficial ways of using what's normally considered to be waste material, it has also resulted in two new tasty recipes for this under-recognised seafood.

Australia is the source of the world's best quality abalone. A large portion of the abalone catch is exported (mainly to Asia) as abalone meat and represents about 17% of Australia's total seafood exports.

But from each catch of 100kg of abalone, about 40kg is sold as meat, 30kg is shell, and another 30kg is abalone gut waste material.

Each year 40 tonnes of abalone gut material is discarded. For years this has represented a lost opportunity to Australia's abalone industry.

A team of researchers involving Chemical Engineering Honours students Alex Seja and Matthew Dixon, and supervised by Dr Ken Davey (Chemical Engineering) and Dr Connor Thomas (Microbiology & Immunology), is now looking at ways of value-adding the abalone gut material.

Their research will identify key benefits from the extraction or conversion of biological materials in the abalone gut, possibly resulting in new bio-chemical, dietary or medical applications. The aim also is to develop a process for the extraction of these materials which could be put to work in abalone processing plants.

"We were approached by Dover Fisheries in Tasmania to do this research for them," said Dr Davey, who is the director of the university's Food Technology Research Group.

"Because there is so much unused material from the abalone catch, this could save the industry a great deal of money, and it could also have very important scientific, medical or health benefits, for example."

Some of the uses for abalone gut currently being researched include fertiliser production, bio-gas production, as a feed supplement to animals, abalone sauce, a nutrient drink, or as a nutrient medium which could be used in scientific research.

"Abalone is very rich in everything, especially zinc, and in some Asian countries it's considered a delicacy. We're looking at making the abalone



Dr Ken Davey and his wife Madeleine try out chef Heidi Ehrat's dish Abalone Kaye at Blossoms Restaurant. Photo courtesy of Ken Davey.

gut a very high value-added product which will increase its worth to industry and to overseas and local markets," Dr Davey said.

During a visit with his students to Dover Fisheries' Tasmanian plant, Dr Davey became curious about the possible uses of abalone meat in the kitchen. He returned to Adelaide with two cans of the meat and approached a local chef, Ms Heidi Ehrat, to cook it for him.

Ms Ehrat is the proprietor and chef of Blossoms restaurant on Kensington Road, Kensington Gardens (near the Chelsea cinema).

"I accepted Ken's request because it was a challenge—I'd never cooked abalone before," she said.

"I made a few phone calls to some chef friends of mine to find out what the best way to cook it might be. There was quite a lot of meat so I decided to make two dishes."

The first dish was cajun-influenced spiced abalone crepes, which is now called Crepe Abalone Alice (named after Ken Davey's late daughter Alice, who died of SIDS).

"This dish really highlights the texture of the abalone meat. It's a beautiful-tasting sauce, and I also cooked it with prawn meat and mussels," Ms Ehrat said.

The second dish is called Abalone Kaye (named after the wife of Mr

Chris Madsen, the managing director of Dover Fisheries) and was adapted from a recipe by Australian chef Charmaine Solomon.

"The abalone juice from the can was used in this, as well as snow peas and oyster sauce, which really highlight the flavour of the abalone meat.

"The texture and flavour of the meat is unique. It has a lot of integrity, and you can cut the meat paper-thin without it breaking up into pieces. I wasn't sure what to expect from these dishes, but I was very surprised with the results," Ms Ehrat said.

Dr Davey was also impressed by the new dishes.

"People who go for taste rather than bulk in their food would appreciate these dishes, I think. The meat itself is rather expensive, but it's the kind of thing that could become a specialty dish at some of the better restaurants around Adelaide.

"The interesting thing for me is that here we are, exploring new ways of value-adding a waste product from abalone, while at the same time a local restaurant has been able to explore new culinary delights with abalone meat.

"We can only hope that there will be some benefits for industry as well as for people who love good food."

—David Ellis

Adelaide study leads to media award

ABC TV's Ian Henschke has won a 1998 South Australian Youth Media Award for his story about youth unemployment, which was based on a major research project conducted at the University of Adelaide.

The story, which aired on ABC's 7.30 Report last year, was a detailed look at youth unemployment based on a report called "Jobs For Young Australians".

The report was co-edited by Mr John Spoehr of the university's Centre for Labour Research and Dr John Spierings, and was the culmination of a two-year research project.

"Jobs For Young Australians", funded by the Australian Youth Foundation, analysed unemployment data from 1988-96

and highlighted jobless "hotspots" around the nation.

The report looked at some of the key issues involved in Australia's chronic youth unemployment problem and offered a fresh range of solutions aimed at boosting jobs for young people.

The judges of the Youth Media Awards said Ian Henschke's 7.30 Report story on "Jobs For Young Australians" was "real and hard at it".

"It was not in any way contrived. It was outstanding for accuracy and presentation," the judges said.

Mr Henschke's 1998 Youth Media Award is his second in as many years for best news story, interview or documentary on television.

—David Ellis



Mr John Spoehr and Mr Ian Henschke with the 1998 Youth Media Award. Photo: David Ellis

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Program lays the right foundation

THREE international students at the University of Adelaide have been awarded \$2000 scholarships thanks to their success during the Foundation Studies Program.

Foundation Studies, run by the three South Australian universities, is a one-year course which prepares international students for tertiary study in Australia. The program helps students "settle in" to their new social and academic environment in Adelaide.

More than 200 overseas students from a wide range of countries—spanning Asia, the Pacific and Africa—have completed the Foundation Studies course since it began in 1992.

Last year's students, half of whom were enrolled at the University of Adelaide, completed the course in November. A "graduation" ceremony was held recently to enable the students from the three universities to come together again to celebrate their achievements.

Among the many students who achieved subject awards, the most

notable was Mr Xuan Hung Nguyen who was the top FSP student of 1997. Hung is now studying Engineering at the University of Adelaide.

The graduation ceremony was also used to launch a new scholarship scheme and four of this year's students were awarded \$2000 scholarships. They were Johnathan Siau from Malaysia, Yoshiko Miyamoto from Japan, Myong Ok Kim from Korea (all enrolled at Adelaide University) and Serene Hui Fen Goh from Singapore (enrolled at Flinders University).

The scholarships were awarded to the students based on their academic achievement in term one and their academic records prior to the course.

A special guest at the 1998 ceremony was Mr Badrulhisham Mohd Ghazali, who completed the Foundation Studies Program in 1993 and graduated with First Class Honours in Mechanical Engineering.

Badrulhisham is now studying for a

PhD in Engineering, having won one of the 16 OPRS (Overseas Postgraduate Research Scholarship) awards granted by the University of Adelaide last year.

"Students from the Foundation Studies Program have had a high rate of success in their tertiary study," said the University of Adelaide's head of Pre-University Studies, Ms Julia Segaran.

"Of all the subjects taken in degree courses by former FSP students, approximately 91% have achieved passes or better and approximately 50% have achieved credits or better.

"Our aim is to improve the study environment for international students in Adelaide, and we can see the difference it makes to these students by the time they complete the course," she said.

—David Ellis

For more information about the Foundation Studies Program, call (08) 8303 3617 or email <jsegaran@registry.adelaide.edu.au>.

Gardens publication launched

IF YOU NEED to obtain information about the style and character of your garden a new publication could help you.

The Chief Executive Officer of the Department of Environment, Heritage and Aboriginal Affairs, John Scanlon, and the Lord Mayor, Jane Lomax-Smith, recently launched a new Heritage SA publication entitled *Gardens in South Australia, 1840-1940: Guidelines for Design and Conservation*.

Mr Scanlon said the publication would greatly assist enquiries from the South Australian public as to how they could re-establish a garden that accords with the historical period of their house.

Gardens in South Australia is the result of research work undertaken by senior lecturer in Landscape Architecture, Dr David Jones, and Dr Pauline Payne, Visiting Research Fellow in the Department of History and part-time tutor in the School of Architecture, Landscape Architecture & Urban Design.

It provides guidance on conservation approaches, garden research, and care and maintenance issues. It reviews each style of garden in South Australia from 1840 to 1940, provides detailed plant lists of the period, typical layout plans of front gardens, materials including garden furniture, style indicators as to the characteristics of the garden style, key practitioners, and planting design information.

The book also reviews cottage gardens in the Adelaide Hills, the Mid North, Yorke Peninsula, as well as the Adelaide Plains. It looks at Riverland gardens, and traditional gardens of the Victorian, Federation, Californian bungalow, Edwardian and Garden City periods.

Contributors include Trevor Nottle, acknowledged Australian expert on cottage garden plants and designs, and Dr Brian Morley from the Botanic Gardens of Adelaide on nineteenth century plants in South Australia. Landscape designer Isobel Paton

provided graphic design support.

"This is the first publication of its type in Australia, as it provides a profile of garden styles rather than focusing on a particular style like Federation gardens," said Dr Jones.

"Hopefully it will serve as a standard text in South Australia on domestic gardening traditions, and provoke a renewed interest in this field."

Fran Stropin, Conservation Architect with Heritage SA, formerly the State Heritage Branch, said *Gardens in South Australia* was the largest guideline publication Heritage SA had commissioned to date.

"The publication will assist with many of our enquiries and is invaluable in the guidance and information it provides," she said.

The publication is available from the Government Information Centre at 77 Grenfell Street, Adelaide, for \$20.

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Put yourself in the spotlight
HOST A CONFERENCE

Hosting a conference in Adelaide can promote your research capabilities and expertise to industry, government and the community. At the same time, staging a seminar can build your professional profile in national and international circles. However if you have no experience the Adelaide Convention and Tourism Authority can help with free assistance to identify, bid for, secure and organise an academic conference in Adelaide. ACTA can assist with:

- Preparation and presentation of bid submissions to secure conferences
- Access to financial assistance schemes
- Full colour brochures that can be overprinted with conference details
- Brochures for delegate satchels
- Advice on conference facilities, venues and catering

So if you are involved in a specialised field of research or study and wish to grab the attention of the world, contact Anne-Marie Quinn at ACTA on 8212 4794.

ADELAIDE Convention & Tourism Authority AUSTRALIA

Interested in Pursuing a Career in Health and Medical Research?

The Queen Elizabeth Hospital (TQEH) will be hosting an Information Session for students interested in undertaking an Honours degree, BSc, PhD or MD at TQEH in 1999. You will have the opportunity to meet with supervisors and current Honours and postgraduate research students, and hear about the various scholarships (Vacation, Honours and Postgraduate) on offer in 1999.

Date: Friday 31st July, 1998

Time: 1.00 - 2.00pm

1.30pm New Honours Scholarships Announced

Venue: Room S126, Medical School South, Faculty of Medicine, The University of Adelaide, Frome Road, Adelaide

Light refreshments provided

For a brochure of research projects on offer in 1999, scholarships application kits, or enquiries contact Natalie in the Research Secretariat, TQEH on:

Phone: (08) 8222 6600 / (08) 8222 6870

Fax: (08) 8222 6121

Email: <nhoward@tqehsmtp.tqeh.sa.gov.au>

A lawyer lost in space

MEMBERS AND FRIENDS of the John Bray Law Chapter are invited to a Dinner at Rococo Cafe, 46 Exchange Place (off Pirie Street) on Friday 17 July at 7:30pm.

The guest speaker at this dinner will be Mr Michael Davis, LLB 73. Michael Davis is a member of the Board of the Satellite Communications Research Centre of the University of South Australia.

In 1995, he was enrolled in the inaugural Master of Space Studies program at the International Space University in Strasbourg, France, and worked at that University in the following year on international telecommunications regulatory and policy issues. He has written widely on space law and telecommunications topics.

The dinner is \$27 per person (for two courses, coffee and petits fours). Drinks not included; guests are invited to purchase their own drinks.

Bookings may be made by contacting the Alumni Office, 8303 4275 before 3 July.

First Hong Kong alumni dinner

THE FIRST Adelaide Alumni Dinner in Hong Kong was held on Tuesday 2 June, with more than 50 alumni attending. Alumni from the 60s through to the mid 90s were present. They came from across faculties, although there was a bias towards the Law! An absence of Dental alumni, of which there a considerable number, was caused by a meeting of the HKDA the same evening.

There is an interesting mix of alumni in the Hong Kong Special Administrative Region (HKSAR), with a number of expatriates living and working there.

The dinner, held at the Heichinrou Restaurant in Causeway Bay, was organised by Miss Yap Pei Kwun (LLB 96) with help from Miss Wendy Chan Sin Man (BScMa 95) and DHL. The University and the Alumni Association thank them both for their great work.

Speakers included Michael Abbott (LLB 65), who was in the HKSAR to promote the Alumni Convention, and Justice Thomas Gall (LLB 66) of the Court of the First Instance (formerly the HK Supreme Court).

Geoff Sauer also spoke and brought to the alumni the best wishes of the Vice-Chancellor and Alumni Chair, Dr Harry Medlin.



Back: Yap Pei Kwun (PK) LLB '96, Michael Abbott LLB '65. Front: David Pannach RDA '68, Ian Polson '67, Charlie Yuen LLB '78, Margaret Yuen. Photo courtesy Geoff Sauer

It was a night of much warmth and good humour and all present expressed a wish for more—the Adelaide-HKSAR Chapter is not far off.

Our Hong Kong records are by no means complete; if you are aware of alumni who did not receive an invitation please let the Alumni Office know.

More missing 1948 Alumni

Bachelor of Laws:
Magarey, Brian Attiwill

Bachelor of Economics:
Gladigau, Rita Doreen

Master of Science:
Janes, Boris Sebire, B.Sc. (Syd.)
Whittle, Alick William Green, B.Sc.
Williams, Colin Hale, B.Sc.

In Chemistry:
Everard, Betty Ann, B.Sc.

In Botany:
Mattner, Margaret Emily, B.Sc.
Robinson, Mary Kelly, B.Sc.
Symons, Claire Phyllis, B.Sc.

Bachelor of Science:
Ayliffe, Roger Wyndham
Barnes, Charles Stalley
Carter, Maxwell John
Chick, John Bertram
Chittleborough, Robert Graham
Clark, Pauline
Foster, Helen Lesley
Hansen, Ian Alfred
Hoar, Barbara Charlotte
Kilgariff, Ronald Desmond
Kirkman, Edith Doreen
Ludford, Colin George
Machell, John Edward Lewis
Robertson, Gwendoline Katherine
Rowlands, Edward John
Schubert, Clarence Ivan
Seedsman, Donald John
Shephard, Stanley Maxwell
Spurr, Robert Thomas

Bachelor of Engineering:
Andrew, Brian William
Arnold, William Robert
Barlow, Peter Douglas
Bolin, Beverley Louise
Coleman, Arthur Paul
Copley, Jonathan Richard
Livingstone
Mitchell, William Russell
Nicholls, Leslie Thorncliffe
Oldham, Wilfrid Hugh
Robertson, Hall
Taylor, Colin Stephen

Wellington, Hugh Kennedy

Bachelor of Science (Engineering)
O'Brien, Brian David
Thompson, Frederick Verner

Bachelor of Agricultural Science:
Moore, Alan Walter

Diploma in Music:
Holmes, Patricia Langley
Perkins, Marie Pauline

Diploma in Commerce:
Anderson, John Donald
Baldock, Gordon Herbert
Langsford, Leonard Graham
Lapthorne, Cecil Lindsay John
Nettle, Kenneth Ralph
Pulford, Vivian George
Reilly, Lawrence Joseph
Spence, Lionel Dudley
Swan, John Gordon
Werfel, Mavis Jean

Diploma in Pharmacy:
Bassett, Murray Maxwell
Brewster, Cora Elaine
Dowding, Ruth Elma
Gryst, Helen
Guthrie, John Vincent
Hammatt, Edwin Laurence
Knightley, Harold Alan
Lovell, Barbara Jean
Pritchard, Helen Bessie
Rohlfing, Kenneth Malcolm
Trevelyan, Denys Murray
Ward, Clyde Hedley Charles
Wheaton, Frank Hurtle Pengelley

Diploma in Social Science:
Ashbolt, Winifred Joy
Carthew, Margaret
Crook, Marjorie Marion, B.A.
Crouch, Lilian Rubena
Douglas, Christine Gordon
Flett, Phyllis Margaret
Griffith, Elsie Mervyn
Hayter, Joan Nelson
Kempe, Merridy Henderson
Kerr, Olwyn Gertrude
Matthews, Rita Clarice

Queen's Birthday Honours

THE FOLLOWING Adelaide alumni were recognised in the Queen's Birthday Honours List.

AO

• Dr Geoffrey Sinclair Heithersay [BDS 1958 MDS 1966]—service to dentistry in endodontics and contribution to inauguration and development of postgraduate endodontic training in Australia.

• Dr Ernest Cosmo Manea AM [MBBS 1949]—service to local government, regional planning and development and harness racing industry.

AM

• Dr Arnold Leighton Hunt [BSc 1952 PhD 1957]—service to youth through Little Athletics.

• Sister Patricia Geraldine Pak Poy [BA 1956]—service to the community as national coordinator Australian network of the International Campaign to Ban Landmines since its inception in 1993.

• His Honour Judge Andrew Bray Cameron Wilson [LLB 1959]—service to the law, criminology and to the Australian Crime Prevention Council.

OAM

• Dr Lloyd Lindsay Carey Evans [MBBS 1957]—service to medicine in general practice and to the community.

• Mr John William Hall [BAGSc 1975]—service to Surf Life saving and Australian Rules Football.

• Mr Ralph Mervyn Lucas [BEC 1956]—service to floriculture as a grower, administrator and judge.

• Dr George Friederich Mutze [MBBS 1952]—service to the Saddleworth community as a general practitioner and to the Lutheran Church.

• Mr Donald John Woon [RDA 1942]—service to local government and cricket through the SA Cricket Association and the Australian Country Cricket Council.

China link for Fulbright winner

ADELAIDE ENGINEERING graduate Mara Warwick has won a 1998 Fulbright Postgraduate Student Award — the Engineering Award sponsored by Clough Engineering.

Ms Warwick graduated with Honours in Civil Engineering in 1992, and was the winner of the inaugural Alumni University Medal. In 1994 she won an Asia/Pacific Fellowship of the Australian Trade Commission and went to China where she learnt Mandarin Chinese while working as a professional engineer. She is now fluent in the language, using it constantly in her work.

She has been in China for four years and is currently living in Shanghai, working as a consulting engineer and project manager, primarily in the fields of environmental and water engineering.

She has recently been accepted to study for a PhD in environmental engineering at Stanford University in the United States, and will begin her studies there in September this year.

"Building on the experience I have gained working in China, my PhD research will be in the area of environmental policy implementation in China," Ms Warwick said.

"I have been very fortunate to win two major scholarships to fund my studies—the Fulbright Award sponsored by the Australian-American Educational Foundation, and the George Murray Scholarship awarded by the University of Adelaide."

With Ms Warwick in China is her husband Charles Warwick—also an Adelaide graduate (LLB and BA Hons, 1991).

Book donation to inspire young violinists

"THIS BOOK is about great violinists, and my hope is that it will inspire a new generation of young Adelaide violinists."

With these words, Lyndall Hendrickson—a former concert violinist and one of Adelaide's and the world's most respected violin teachers—made a special donation to the University of Adelaide's Performing Arts Library.

The donation was a copy of *Violin Virtuosos from Paganini to the 21st Century*, the latest book from Henry Roth—a famous American music critic and writer with whom Ms Hendrickson has established close ties dating back almost 25 years.

In the 1970s, during the first years of her teaching career, Ms Hendrickson found herself in charge of not one but five so-called "child prodigies": Jane Peters, Adele Anthony, Rafaela Acella, Imogen Lidgett and Paul Wright.

"I was a very inexperienced teacher, and suddenly I had five major talents here in Adelaide. I didn't know what the pitfalls were," Ms Hendrickson said.

"I had the nerve to write to Henry Roth, who was an eminent music critic in America, and I expected him to write back saying it would cost 'a thousand dollars a listen'. But instead of that, he was only too happy to help.

"For the next 10 years he gave me

advice that you just couldn't buy. He listened to the children's tapes, told me their weaknesses and their strengths, and they all prospered from this extra nurturing. I don't think I could have done it alone," she said.

Lyndall Hendrickson currently contributes to the Music Education stream of the Bachelor of Music course at Adelaide University and is a co-supervisor of Masters student Robyn Tannhauser, whose research revolves around the Hendrickson violin teaching model. In Roth's new book, Ms Hendrickson is herself listed among the world's greatest female violin teachers.

She said by donating a copy of the book to the University of Adelaide, she hoped to recognise the importance of Roth's help over the years, and make a contribution to future generations of Adelaide violinists.

"South Australia has probably bred more musical talent than the rest of Australia—an enormous number. But the sad point is that while many are called, few are chosen to get to the top and make it to the international field.

"Hopefully Roth's book will help inspire young violinists to become unique and individual artists in their own right," she said.

—David Ellis



Lyndall Hendrickson with Performing Arts Librarian Gordon Abbott and University Librarian Ray Choate (centre). Others at the presentation included Dean of Performing Arts Anita Donaldson, Co-ordinator of Music Education Jenny Rosevear, Music Studies Administrator Glenys Jones, Masters student Robyn Tannhauser and the Elder Conservatorium's Mr David Shephard. Photo: David Ellis

Campus Sorry Day event

DR LOWITJA (LOIS) O'DONOGHUE was one of four speakers at the Sorry Day Event last month. The event was held in the Cloisters and organised by the Australians for Native Title and Reconciliation group and Wilto Yerlo.

An annual Sorry Day was one of the recommendations of "Bringing Them Home", the report of the National Inquiry into the Separation of Aboriginal and Torres Strait Islander Children from their Families (the "Stolen Generations Report").

Dr O'Donoghue called for the report to be included in the curriculum across the

University—in Psychology, Medicine, Psychiatry, History, Anthropology and other disciplines.

Among the speakers were Ms Bev Haynes, who told her own history of being taken from her Aboriginal mother when she was a small child and subsequently raised in a white family. She asked the audience to remember their own lives at the age of five and to imagine the trauma of being taken away from family and all that was familiar.

ABC Radio's Julia Lester and Dr Deane Fergie spoke from the Department of Anthropology spoke from a non-

indigenous perspective in response to the call for non-indigenous people and the Australian government to apologise for the taking of indigenous children from their families.

A notable feature of the event was the constant queue of students and staff at a table to the left of the main stage area waiting to sign a "Sorry Book". These books have been designed to allow non-indigenous Australians to express their feelings about the taking away of indigenous children and will be presented to indigenous communities around the country.



Dean of the Faculty of Arts, Professor Penny Boumelha, signs the Sorry Book. Photo: Peter Murdoch.

ACCOMMODATION

GILBERTON: On river park. Furn, 2 br, ss townhouse, r/c air cond, lock-up garage. Suit 1-2 quiet person(s). \$170 pw + bond. Ph 8362 5332 or email: <nellis@chariot.net.au>.

GILBERTON: Share, two-storey, furn townhouse, just 5 mins from city or a 30 min walk. Must be a non-smoker. \$70 pw + exp. Ph David Ellis 8303 3173 or email: <dellis@vco.adelaide.edu.au>.

ST PETERS: Share with woman and two children spacious house, close to shops and transport. \$70 pw + exp. Ph Liz 8362 1719.

WANTED: 2 br, fully furn apartment/house close to city from 5 - 16 December. Ph Una (NZ) (07) 348 7319 or email <m.fitzsimmons@auckland.ac.nz>

WANTED: Visiting academic & family require furn, 2 br apartment/house from 31 July

- 31 Jan 99, close to WCH. Ph 8204 7352 or email: <gastro@wch.sa.gov.au>.

WEST BEACH: Townhouse, double storey, 2 br and sep study or nursery, bathroom plus 2nd toilet and shower, air cond, full laundry facs, beautifully and fully furn. Great sea views, vacant from July 98 for long term. Rent includes garden maintenance and cleaning. Ph Anne 8377 0936 or 0419 380 503.

WINDSOR GARDENS: Furn house, 2 br plus study, central heating. Suit visiting postgrad student. Avail July - Dec 98 (initially). \$150 pw. Ph 8369 2220.

FOR SALE

BIKE HELMET: Repco, M/L with pad inserts, in original box, as new. \$35 ono. Ph 8303 7228 or 8379 1905 (ah).

BARINA: MH hatchback, 1993, 1.3ltr, auto, air, 45,000km, excellent condition, VSC 547, \$10,500.

ADELAIDEAN CLASSIFIED

Ph Anton 8387 5663 or 8298 5680.

CALCULATOR: Sharp EL9300 (HP48G equivalent) advanced graphic, 32Kbytes, equation editor, 430 functions, menus, etc, unused. \$150 ono. Ph 8361 8826.

COMPUTER EQUIPMENT: Apple Macintosh IIfx, 8MB RAM, colour monitor, \$290 ono. Apple Macintosh Laser Printer II, minor use, new cartridge, \$290 ono. Apple Macintosh External HD, 530 Meg, SCSI cables. \$320 ono. Ph Alex 8356 3925.

DESK: Lge with file drawer, ideal for computer. \$160. Matching bookcase, \$75. Ph 8363 9198.

FORD METEOR: 82, light green, air, 5 spd man, rad/cass, VBZ 632. \$2,000 ono. Ph 8303 5439 or 8358 2045.

FRIDGE: Leonard 340 ltr, upright, 2 door, frost free. \$200 ono. Ph Chao-Yin 8303 6755 or 8276 8385 (ah).

HOT PLATE: Electric, Chef, \$200ono. Ph 8291 4133.

MISC: Genuine Persian rug, wool & silk, 1.5m x 2m. Double and single beds, desk, evaporative cooler. Ph Ali 8303 5028 or 8362 1405.

MISC: Dining table, \$380. 2 x 2 seater lounge, \$380. Hoover auto w/brush, \$350. Fridge, student desks, \$80. Small bed, \$30. Vacuum cleaner, \$80. Ph Anton 8387 5663 or 8398 5680.

MISC: Solid wood Mahogany colour baby cot, \$200. Pram, stroller, baby capsule, electric fan, sofa set and many other household items. Ph 8303 5439 or 8358 2045.

TENDER

DENSITOMETER: LKB Ultrosan XL enhanced laser densitometer. Reasonable offer. Ph Doug 8303 5562 or Sharon 8303 4869.

TENDER: Holden Rodeo 4x4 crew cab TF, VVT 769, 1996, white, petrol, manual, air, immobiliser, tow pack, canopy, roo bar, long range fuel tank, 40,000km. Inspection Tues 30 June, 9am-1pm, ph P Dorsett 8303 5282 or D Ladd 8303 4558. Tenders in a sealed envelope marked Tender No W280 to the Purchasing Manager, Waite Campus by Mon 6 July 98.

TENDER: Holden Rodeo 4x4 crew cab TF, VUU 754, 1996, white, petrol, manual, air, immobiliser, tow pack, canopy, roo bar, long range fuel tank, 48,000km. Inspection Tues 30 June, 9am-1pm, ph P Dorsett 8303 5282 or D Ladd 8303 4558. Tenders in a sealed envelope

marked Tender No W279 to the Purchasing Manager, Waite Campus by Mon 6 July 98.

TENDER: Holden Rodeo 4x4 crew cab TF, VVL 387, 1996, white, petrol, manual, air, immobiliser, tonneau cover, roo bar, long range fuel tank, 45,000km. Inspection Tues 30 June, 9am-1pm, ph P Dorsett 8303 5282 or D Ladd 8303 4558. Tenders in a sealed envelope marked Tender No W278 to the Purchasing Manager, Waite Campus by Mon 6 July 98.

SCINTILLATION COUNTER: Beckman LS3801 with CRT display, data transporter, other features. Ph 8303 5282. Tenders to P Dorsett, Botany, by 30 June 98.

MISCELLANEOUS

WORD PROCESSING: Fast & accurate, 15 yrs experience as a temp. Good rates, free pick-up & delivery. Ph Trisha 8232 4841.

Bulletin Board

JUNE 22, 1998

THE UNIVERSITY OF ADELAIDE

PAGE 1

AUSTRALIAN ACADEMY OF SCIENCE

Research Awards in Japan - Science and Technology

The Australian Academy of Science invites applications for the following two research awards programs in Japan.

• JGRAFS PROGRAM 1999-2000

Japanese Government Research Awards for Foreign Specialists (JGRAFS) provide support for Australian citizens and permanent residents in Japanese government national laboratories for periods of up to six months. Applicants must be government personnel or of similar status, such as employees of Commonwealth or State Departments, CSIRO, ANSTO, AIMS or universities at the time of application and during the period of residence in Japan. **The closing date for application is 1 November 1998.**

• AIST-FRIP PROGRAM

The Foreign Researcher Invitation Program (FRIP) supports visits by foreign researchers to do research in one of sixteen institutions of the Agency of Industrial Science and Technology (AIST) for periods of 6-12 months. Applicants must be non-Japanese and a permanent staff or faculty member of an overseas university or research institute at the time of application and during the period of residence in Japan. **Applications are accepted throughout the year.**

Postdoctoral and Short-Term Fellowships in Japan and Postdoctoral Fellowships in Korea - Science and Technology

Australians with doctorate degrees in science or technology who wish to do research in Japan or Korea to apply to participate in the following programs.

• JSPS POSTDOCTORAL FELLOWSHIP PROGRAM, 1999-2000

The Japan Society for the Promotion of Science (JSPS) supports postdoctoral fellowships for young Australians to do research in Japanese universities, National Inter-University Research Institutes and other research institutions associated with JSPS for periods of 1-2 years. Applicants must be Australian citizens. Fellowships must commence between 1 April 1999 and 31 March 2000. **The closing date for applications is 1 September 1998.**

• STA POSTDOCTORAL FELLOWSHIP PROGRAM, 1999-2000

The Science and Technology Agency (STA) of Japan supports postdoctoral fellowships for young Australians to do research in national laboratories and public research corporations in Japan for periods of 6 months - 2 years. Applicants must be Australian citizens or permanent residents. Fellowships must commence between 1 April 1999 and 31 March 2000. **The closing date for application is 1 September 1998.**

• STA SHORT-TERM FELLOWSHIP PROGRAM, 1999-2000

The Science and Technology Agency (STA) also supports short-term fellowships worldwide for scientists to do research in national laboratories and public research corporations in Japan for periods of 1-3 months. Applicants must be Australian citizens or permanent residents.

The closing date for application is 1 September 1998.

• APEC POSTDOCTORAL FELLOWSHIPS IN SCIENCE AND ENGINEERING, 1999-2000 (*Expressions of interest*)

The Korea Science and Engineering Foundation (KOSEF) is calling for expressions of interest in Postdoctoral Fellowships in Science and Engineering in Korea. Proposals from suitably qualified scientists and technologists in any field of basic and applied science, including mathematics and engineering science, will be considered. The awards are for periods of 6 - 12 months for young Australian scientists to do research in universities and government-supported institutions in Korea. Fellowships must commence between 1 February - 30 May 1999.

Application forms and information regarding the terms for each program, eligibility requirements and a listing of applicable institutes are available at <<http://www.science.org.au/internet/exchange/contscix.htm>>. International Programs, Australian Academy of Science, GPO Box 783, Canberra ACT 2601, fax: (02) 6257 4620.

Submitting a notice to the Adelaidean?

As we are Mac users, please send all documents as RTF files.

Flinders University Library

If you would like to get to know the Flinders University Central Library better, library tours will be held on the second Thursday of every month.

The tours are aimed at reciprocal borrowers who may be unfamiliar with the library's layout and resources.

If you are interested, please contact the Assistant to the University Librarian, Tanya Rowe on 8201 2172, or email <Tanya.Rowe@flinders.edu.au>

AUSTRALIAN FEDERATION OF UNIVERSITY WOMEN

Presenters Wanted

We are looking for honours/postgraduate female students who would like to present their work in an informal atmosphere during the second semester. Ph Susie Duggin on 8379 6963 or email: <susie.duggin@flinders.edu.au> or Christyanna Bambacas, 8303 3351.

MONDAY 22 JUNE

1.00pm Microbiology & Immunology PhD Progress Report: Protective and therapeutic efficacy of DNA vaccines against DHBV infection by Dr Miriam Triyatni. Departmental Library, 5th Floor, Medical School South.

1.10pm History Seminar: Seneca Falls, 1848: The founding conference of the women's rights movement in the United States by Professor Ellen DuBois (University of California, Los Angeles). Seminar Room 420, 4th Floor, Napier Building.

1.10pm Public Health Seminar: Complementary and Alternative Medicine in Australia by Peter Cook (PhD student). Seminar Room, Level 6, Bice Building, RAH.

4.00pm Crop Protection Seminar: Systematics and biogeography of hyptogstrine wasps by John Jennings (PhD student). Lecture Room 1, Teaching Wing, Waite Campus.

TUESDAY 23 JUNE

12noon Lyell McEwin Health Service: Good Palliative Care Orders by Dr Sue Haynes (Consultant Physician, Palliative Care). Conference Room 1, Community Health Building, Lyell McEwin.

12noon Child Health Research Institute Seminar: A Journey from Structure to Function for a Membrane Protein: From a Spot on a Gel to a Mouse by Professor Jim W Goding (Monash Medical School). Seminar Room, 7th Floor, Reiger Building, WCH.

12.30pm General Practice Seminar: Did we really do that? How GPs treated essential hypertension at the Family Practice Unit - a retrospective

COMING EVENTS

June 22nd — July 3rd

observational study by Dr Glyn Brokensha. Room 3, Level 2, Margaret Graham Building, RAH.

1.10pm Anatomical Sciences Seminar: Birds and Nerves by Dr Christine Lunam (Flinders University). Room S127, Medical School South.

WEDNESDAY 24 JUNE

1.10pm Genetics: PhD research proposals by Lillian Allen and David Wheeler. Seminar Room, Ground Floor, Fisher Building.

4.00pm Physiology Seminar: Effects of age and oophorectomy on calcium balance in the rat by Dr Peter O'Loughlin (Clinical Biochemistry, IMVS). N416, Med Sch North.

THURSDAY 25 JUNE

12noon HCCR/IMVS Seminar: An investigation of the Role of Leukaemia Inhibitory Factor in Teratocarcinogenesis by Dr Linda Shearwin (Division of Haematology, HCCR). Verco Theatre, IMVS.

1.00pm Chemical Pathology Seminar: Living with Cystic Fibrosis by Sue Meeuwissen. Seminar Room 1, 4th Floor, Clarence Reiger Building, WCH.

FRIDAY 26 JUNE

1.15pm Inaugural Lecture Series: Welding in the service of man by Professor Ian Henderson (Mechanical

Engineering). Lecture Theatre 102, Napier Building.

4.00pm Economics Seminar: On the Determinants of Fiscal Centralization: Theory and Evidence by Ugo Panizza (Università di Torino/ Inter American Development Bank). Eric Russell Room LG14, Napier Building.

6.00pm Centre for Intercultural Studies & Multicultural Education Performance/Discussion: Hellenic Heritage in Theatre Education: Intercultural Perspectives by Fragments. The Little Theatre (ground floor, western wing), Union House. Refreshments from 5.30pm. Enquiries: Mr Mariusz Kurgan/Mrs Elizabeth Balan 8303 5788.

SATURDAY 27 JUNE

2.30pm History of Science, Ideas & Technology Talk: Head protection by helmets in industry by Professor Donald Simpson (History of Science, Ideas & Technology Group). Royal Society Rooms, Plane Tree Court (behind State Library), Kintore Avenue, Adelaide.

MONDAY 29 JUNE

1.00pm Microbiology & Immunology Seminar: A study of antisense mechanisms in HIV-1 infection by Dr Luke Johnson (Microbiology & Immunology). Departmental Library, 5th Floor, Medical School South.

TUESDAY 30 JUNE

12noon Lyell McEwin Health Service: Using Clinical Indicators to Improve Patient Outcomes. Conference Room 1, Community Health Building, Lyell McEwin.

7.30pm Music Studies / Musicology Society of Aust Seminar Series: At the Source of Nausicaa: An examination of style within Peggy Glanville-Hicks' opera by Efrosini Gialidis. Tonality and modality in the JS Bach chorale preludes from the Neumeister Collection by Peter Kelsall. Room 1116, Schulz Building. Refreshments provided - gold coin donation.

WEDNESDAY 1 JULY

1.10pm Genetics: PhD proposals by Anthony Pietsch and Sarah Harmer. Seminar Rm, Ground Flr, Fisher Bldg.

2.15pm English / Cultural Studies Staff/Postgrad Seminar: An open forum in conjunction with the "Musical Visions" conference in association with the Centre for Aboriginal Studies in Music. Speakers: Dr J Feuer (English, Uni of Pittsburgh), Prof G Turner (English, Uni of Queensland) & Dr M Reger (Sociology & Anthropology, Tel Aviv Uni). Room 617, Napier.

FRIDAY 3 JULY

1.15pm Inaugural Lecture: Orthodontics - a moving experience by Prof Wayne Sampson (Orthodontics). Lecture Theatre 102, Napier Building.

4.00pm Obstetrics & Gynaecology Seminar: Implantation failure in interleukin-11 receptor knockout mice by Dr L Rob (Walter & Eliza Institute of Medical Research). Seminar Room, Level 6, Medical School North.