

**HEROIN ADDICTS** who want to “kick the habit” are being urged to volunteer for a new study which could improve their chances of suppressing cravings for heroin.

The trial—being undertaken by the Drug & Alcohol Services Council, University of Adelaide and the Royal Adelaide Hospital—aims to compare the effectiveness of standard detoxification practices with a practice known as RODA (rapid opiate detoxification under anaesthetic).

Over the course of the study, 100 heroin-dependent adults will receive either RODA in the Intensive Care Unit of the Royal Adelaide Hospital, or standard in-patient detoxification at Adelaide’s Warinilla clinic.

RODA is a relatively new technique which involves anaesthetising the person and administering an antagonist drug to displace heroin from the receptors in the brain. This differs from standard detoxification mainly because of the much shorter time involved—less than a day, as opposed to withdrawal over a number of days.

For all participants in the study, detoxification is followed by nine

months of treatment with the drug naltrexone, with their progress monitored for 12 months. All treatment, including the naltrexone tablets, is provided free of charge to trial participants.

The three-year research project, supported by a \$466,000 State Government grant, is already under way with about 40 heroin addicts having entered the trial.

Study coordinator Dr Jason White, from the University of Adelaide’s Department of Clinical & Experimental Pharmacology, said the research would help determine the possible effectiveness of RODA in improving the outcome of naltrexone treatment.

“Naltrexone can now be prescribed by all general practitioners, as well as drug and alcohol specialists, to reduce people’s craving for alcohol and to prevent heroin users who’ve undergone detoxification from relapsing to heroin use,” Dr White said.

“However, the use of naltrexone in rapid opioid detoxification is not one of the approved applications and is still experimental. Consequently this trial

of rapid opioid detoxification and naltrexone maintenance will play an important role in providing a basis for guiding our use of this drug.

“Previous research, and initial results of the South Australian trial, indicate that naltrexone treatment is beneficial for some people. We’re not yet in a position to determine whether the use of RODA improves the outcome of naltrexone treatment,” he said.

Dr White said of the 40 people who had already undergone detoxification, most had been successful in establishing a daily pattern of naltrexone use.

While some of those people used naltrexone for days or weeks only, others had continued for several months.

“We know that some people who have dropped out of the trial have remained abstinent from heroin, while others have relapsed. We will continue to follow as many participants as possible for up to 12 months, to determine how many achieve and maintain abstinence through this treatment approach,” Dr White said.

The rate of induction into the trial was initially limited to two participants a week—one in each group. The main reason for this was to avoid overstretching the capacity of the Royal Adelaide Hospital’s Intensive Care Unit.

Having refined and gained good experience of the RODA procedure, Dr White said researchers were now

looking to step up the rate of induction into the trial, hence the call for more volunteers.

Current heroin users who are interested in participating in the trial should contact the Alcohol and Drug Information Service, phone 13 13 40. They will be asked to leave their name and contact details. Subsequent phone and face-to-face interviews will determine their eligibility for the trial.

Importantly, heroin users who have participated in a methadone maintenance program in the last three months are to be excluded from the trial, for several reasons.

“Starting naltrexone treatment is more difficult physically and medically for patients who’ve been taking

# COMMENTARY

## ON THE BENEFITS OF 5UV

As I leave 5UV and the University after nine and a half years I have the chance to reflect on the net worth of the station to the University.

In times of financial hardship, institutions can often retreat into economic fundamentalism. Talk of "maintaining a core business" and "outsourcing of service provision" can lead businesses, even large institutions, to lose sight of the "bigger picture".

Universities are about community service as well as teaching and research. And in times of increasing competition between tertiary institutions, market differentiation can be achieved in each of these areas of activity. Just as Adelaide University strives to be a world class institution in the fields of teaching and research so too must it be seen to be valued by its community for its service to the community.

Adelaide University, by and large, is indeed seen by South Australians as being an important part of the community. High profile academics who contribute to community life, Bonython Hall, the Elder Conservatorium of Music and Radio 5UV, among many other activities, demonstrate that.

One way of articulating how 5UV maintains this community benefit might be to look at the recent national awards won by the station.

In December last year 5UV won four (out of a possible five) awards for excellence. The first one was the Dave Rose Award for Initiatives in Training. The specific project honoured was the station's training of Pitjantjatjara and Aboriginal broadcasters, a group which subsequently established Radio 5NPY in the Pit Lands. 5UV is recognised nationally for its excellent broadcasting training programs, including nationally accredited courses.

The second award was made by APRA for the station's contribution to Australian Music. 5UV produced a series of four CDs throughout 1998 that promoted South Australia's emerging artists. Again, this achievement points to a much wider contribution 5UV makes in the world of music. Many musical performing artists from rock and pop through to classical have their music recorded and broadcast by 5UV (and now on our sister station 5MBS FM).

The third award won by 5UV in December last year was for a series in conjunction with teacher professional development bodies under the title "Brainwaves". Each program looked at development issues in the profession based around a specific subject area. The

by  
**Dr Jeff Langdon**  
Manager, Radio Station 5UV

availability of the station's programming on line on the Internet was a useful additional tool in delivering these programs to the widely-dispersed audience.

The fourth award was for 5UV's support of a youth initiative, LOUD FM. LOUD FM was a week's broadcasting on the FM band conducted in conjunction with the national LOUD Media and Arts Festival. The LOUD exercise attained some notoriety when its Rundle Mall live band broadcast was closed down by the City Council for being too loud!

As you can see from this range of activity, 5UV's influence extends into a wide cross-section of the South Australian community. And in all this interaction 5UV is seen as a community outreach component of the University of Adelaide. It's hard to put a value on that.

Hard to put a value, but what of the cost? Well, in recent years 5UV has been able to increasingly commercialise its services to the extent that it now only relies on University support for about one in every four dollars needed to operate the station. On top of that, 5UV incorporates a lot of voluntary involvement in its activity. If this involvement were 'costed', reliable

estimates indicate that every University dollar would be augmented by another ten dollars—some value-adding!

Because 5UV combines University staff and community members, it gives a unique opportunity to be on campus and in the community at the same time. And not only the local community but also the global community through our on-line broadcasts. Most recently we heard from an Adelaidian who was in London when Don Dunstan died. He sent an email thanking 5UV for allowing him to listen to the Don Dunstan Celebration Service in the Festival Centre. Another email came from a man living in a log cabin in Alaska and listening to 5UV on the Internet, thanking us for such intellectual stimulation. Yesterday a taxi driver phoned to say he'd heard a wonderful lecture on Sunday morning and could he have a copy of the talk.

Then there are the volunteer broadcasters who contribute their experiences as well as find new self assurance that in some cases allows them to enrol in a university course or embark on new careers.

It's a rich mix of experience—I see the future of 5UV and its part in bringing the University into the community in a very healthy state. I wish it well and may it flourish in the 21st century.

# FROM NEAR AND FAR

Brighton in the 1930s was a sleepy seaside village separated from Adelaide by orchards and vineyards through which I biked in my Tom Sawyerish boyhood, amid warbling magpies and occasional cars. The earthly delights of Adelaide at millennium'



# Drama leads in law reforms

ALL THE WORLD'S a stage—something first year contract and legal skills students have discovered this semester as they have acted out characters such as “Debbie”, “Bob” and “Brian” in drama classes to highlight and learn about real life legal problems.

Dr Bob Moles, a lecturer in contract law and legal skills, said the drama classes were an alternative to students taking notes in law lectures, so they could relate more to the everyday characters in the exercises.

“Traditionally, students get a set of law lectures where they laboriously take notes and the issues and problems discussed don't really sink in,” he said.

“But the best way for students to learn in law is to do something—doing practical exercises [in the drama classes] interests them and makes them learn

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**RADAR TECHNOLOGY being trialled by University of Adelaide researchers could lead to improvements in air safety, efficiency of airport operations and reductions in air pollution.**

The university's Atmospheric Physics Group is studying new applications for Very High Frequency (VHF) radar.

Atmospheric radar technology is being tested by the Bureau of Meteorology to determine changes in the atmosphere and to study the winds. Such radars have potential for use at airports, where atmospheric conditions play a crucial role in the day-to-day, or minute-by-minute, airport operations.

Until now most of these radars, known as "boundary layer radar", have operated at Ultra-High Frequencies (UHF). But there are some drawbacks associated with UHF radar, such as its inability to determine key atmospheric parameters in the presence of rain.

Dr Bob Vincent, Reader in Physics, explains the benefits of VHF radar.

"One of the main problems in using UHF is that when you've got rainfall, the UHF radars just see the rain drops, they don't see weaker echoes from the atmosphere and so they can't measure the vertical wind in that situation. Whereas a VHF radar can. It can separate out the two components.

"One of the other key benefits is that VHF radar can be used to measure wind conditions at very low levels. We've developed a VHF boundary layer radar which can study winds as low as 300 metres above the ground.

"The Bureau of Meteorology is very interested in this capability, of being able to measure atmospheric conditions

# Profile: Academic/commercial success at TQEH

ROB NORMAN, recently appointed to a personal chair in Obstetrics and Gynaecology by the University of Adelaide, has also recently taken over the leadership of a world-class fertility service, Repromed. For him, these two aspects of his working life go neatly hand in hand.

clinics in Adelaide city and the Northern Territory, and it also helped establish a unit in

Repromed Pty Ltd is an offshoot of the Reproductive Medicine Unit at the Queen Elizabeth Hospital. It was founded in 1987 and headed by Professor Colin Mathews, the former Head of the Department of Obstetrics and Gynaecology at TQEH whom Professor Norman replaced this year as both Departmental Head and Head of Repromed.

Professor Norman regards Repromed as a shining example of how organisations like the University of Adelaide and TQEH can work together to reap commercial benefits from academic research, capitalising on the findings of the University's Department of Obstetrics and Gynaecology. Luminis Pty Ltd, the University of Adelaide's commercial development unit, played a key role in getting the venture started.

While TQEH provides some infrastructure and staff, Repromed provides a valuable service at TQEH for all South Australians. It has additional



## Missing Alumni

THE ALUMNI ASSOCIATION is once again looking for the addresses of its missing 1949 Golden Jubilee Graduates.

If you know the whereabouts of any of the following please contact Judy Benson, 08 8303 4276 or email <judith.benson@adelaide.edu.au>. Thank you.

### BSc

Andrews, Murray William  
 Barlow, Arthur John  
 Bartlett, Brian Mervyn  
 Bourne, Malcolm Cornelius  
 Brandstater, Rhona  
 Brown, Geraldine Whittle  
 Carthew, Allen Rex  
 Church, Jack Raymond  
 Couche, Raymond Arthur  
 Dow, William Harold John  
 Ewers, Keith Ambrose  
 Francis, Albert Edward John  
 Gaffney, Fay Madeline  
 Green, Ronald Gordon  
 Haldane, Alexander David  
 Heinrich, Jeff Dean  
 Hemingway, Peter Cunliffe  
 Herbert, Septimus Giffen Mills  
 Hiscock, Ian David  
 Magarey, Katherine Ashley  
 Mander, Suzanne Flora  
 Mansbridge, Harold Edgar  
 Matheson, Pamela  
 McDonald, Colin Robert  
 McDonald, Heather Hunter  
 McInerney, Thomas John  
 McKay, Maureen Gordon  
 Merrett, James Laurence  
 Nicholls, Colin Herbert  
 O'Callaghan, Desmond Joseph  
 Osborn, Peter William  
 Ponsford, Joan Helen  
 Thomas, Joyce Amy  
 Thompson, Douglas Norman  
 Wincey, Cynthia Weaver  
 Cottew, Geoffrey Selkirk  
 Shaw, Peter John Randall

### BSc (Eng)

Atkinson, Douglas Ewen  
 Sharp, Bruce Burnell  
 Wright, Robert John  
 Young, Kelvin Albert

### BSc (Hons)

Frith, Ernest Everard  
 Riedel, William Rex  
 Sibly, Pamela Maslin  
 Wegener, Clemens Frederick

### Dip Arts Ed

Armitage, Bessie Eleanor Mildred  
 Baird, Rachel Mary  
 Bourne, Margaret Cornelius  
 Bowler, Mary  
 Bown, Henry Theobald  
 Carmichael, Donald Ross  
 Clarke, Ruth May  
 Cousins, Georgena Millicent  
 Darby, Ruth May  
 Dempster, Donald  
 Fitch, Nancy Jean  
 Golding, Edmond William  
 Lamborne, Maxwell Addison  
 Langsford, Irene Eltham  
 James, Richard Cecil  
 McElroy, Anthony Godfrey  
 McLeod, Murray Robert Love  
 Milway, Russell Henry Oliver  
 Murchland, Mildred Emily  
 Norton, Mary Alice  
 Pearce, Alfred Moreton  
 Quirke, Helen Marian Sykes  
 Read, Clarence Percy  
 Roberts, Owen David  
 Rowell, George Douglas Fairbairn  
 Smale, Thomas Charles  
 Smith, Ivan Ford  
 Trudinger, June Stirling  
 Williams, Ruth Jacqueline  
 Williamson, Beth, England  
 Woodards, Eva Narma Cherrington

# Harry Lander—natural gift for lateral thinking

HARRY LANDER, a well-known identity on the Royal Adelaide Hospital (RAH) campus for over 40 years, died on 30 December 1998, aged 79.

Born in Scotland, adopted as a baby, brought up in Malaysia, he received his secondary education in Perth, Western Australia, having left on one of the last boats out of Singapore before its fall. He appeared to have carried into adult life an ability to avoid disaster marginally.

Since Perth did not have a medical

**ACADEMIC'S HOUSE:** attractive fully furnished 3 br, near beach and transport. Avail for long or short rental. Ph 8356 9582/8201 2377.

**ALDINGA BEACH:** Cosy, relaxing, self-catering 2br holiday unit on seafront. \$70p/night (2 nights min), \$450 pw. Ph 8211 7500.

**ATHELSTONE:** Fully furn, 4 br house, 2 bath/r. Close to bus-O Bahn service, amenities. Phone is connected, u/c parking, quiet area. Pergola & priv. garden area. Close to shops, foothills. 14 km from city. Avail. long/short term. \$350 pw (neg) plus 2 weeks bond & expenses. Ph Maria on 8332 0224 (ah).

**BEACHFRONT TOWNHOUSE:** Magnificent sea views, near city. Suit prof couple or visiting academic.

Fully furn & self contained, 2 brs, 2 bath rms, study, nursery or 3rd br. Avail now. Ph Anne 8400 8178 or 8377 0936.

**KENSINGTON PARK:** Spacious studio/apartment for single person. Garden setting, close to transport. \$135 pw. Ph 8431 2147.

**NORTH ADELAIDE:** Cottage for rent, 2 br, avail for appx. 3 months (Aug/Sept - Nov). Beautifully restored and renovated, fully furn, dishwasher, gas heating, air/c. off street parking. Suit visiting academic or professional couple. \$300 pw. Ph 826 2350.

**NORTH ADELAIDE:** Room for rent, fully furn, avail from mid May to mid August. \$75.00 pw. 10 mins walk from North Tce Campus, close to amenities. Ph Ryan or Shane on 8267 6569 after 6pm.

**NORWOOD:** 2BR furn. unit on Osmond Tce, Norwood avail Sept-Nov inclusive. Very near shops, cafes, transport. 30 mins walk to Uni. \$160pw all-inclusive (except phone). Ph 8303 4447 <dwright@law.adelaide.edu.au>.

**SEMAPHORE:** House avail for rent for 6-12 months - owner abroad. Fully furn, 3 br, near beach, 20 mins to city, ph: 8341 7024.

**URRBRAE:** House for Rent. "THE LODGE", a University owned property on the corner of Fullarton and Cross Roads Urrbrae. Historical setting, 4bedrooms, unfurnished. \$165.00pw. Available mid April. Ph Penny Kempster 8303 7235.

**WAYVILLE:** 1 Bedroom 1920's style apartment, Wayville. Garden, off-street undercover parking, gas heater. Easy bike/walking distance to markets, University. Close to Glenelg tram line/ King William Rd/ Goodwood Rd buses. Available end of April. Ph Penny 8373 3182 or 8389 6402(h).

**BICYCLE:** Ladies 12 speed mountain bike. Hardly every ridden. Will need a new chain but other than that in very good condition. \$120 ono. Ph Linda on ext. 35871 or (a/h) 8336 3980.

**MINI PORTABLE TV & RADIO:** (FM/AM), 7cm LCD screen, main power or

batteries, Citizen, still in the box, cost \$500 but sell \$198 ono. Ph :8338 4152

**TOYOTA COROLLA :** 1974, RZH 834. Very good condition, new tyres and breaks, 3 month rego, \$790, ph 8346 1345.

**VALIANT:** S 1962 appreciating classic, very good cond, driven daily. UBD 384. \$6,000. Ph 8303 3138 or 8339 6976.

**COMPUTER EQUIPMENT/MISC:** Computers 33MHz 486 with and without Hard Disks, SVGA monitors, Dot matrix printers, Apple NT Laser printer (Needs new fuser), Cupboards, Solid table. For further information contact Bruce Lucas 8303 5451 (Department of Civil & Environmental Engineering).

**INFRA-RED LAMP:** Ph Chris 8303 3150.

**CHILD CARE:** Reliable, references available, own transport. Ph Rebecca 8262 5134.

**WORD PROCESSING :** Fast and accurate, 15 years e



**LUMINIS SUPPORTS  
BUDDING ENTREPRENEURS**

Luminis would like to congratulate and welcome seven graduates who successfully applied for places within the University's Graduate Entrepreneurial Program for 1999.

The program offers a broad range of support and training for entrepreneurial university graduates who have an innovative idea for a new business venture.

Luminis provides business advice, registration, insurances, accounting, contractual and legal services, and MD Peter Hart is a member of the Board which manages the program.

The 1999 participants in each of the three

**Applications for the following vacancies will be considered only from members of the staff of the University\*\***

**HUMAN RESOURCES  
PROJECT OFFICER**

(Ref: 3617)

Human Resources

Salary HEO6: \$38,751 - \$41,959

To work as a member of the Organisational and Policy Development team. The Human Resources Project Officer will participate in a range of short term and ongoing projects.

Currently these include projects relating to the review and development of HR policy, the development of an HR plan for the University, enterprise bargaining and administrative skills traineeships. In addition the Project Officer will be the "Webmaster" for the Human Resources WWW site.

The Project Officer will also be expected to undertake research on a range of HR related topics, using the WWW as the major resource and to provide written reports and analysis, as a result of this research.

You should have:

- high level organisational, interpersonal and communication skills
- high level technical competence in relation to WWW page design, site construction and site maintenance
- proven coordination and liaison skills
- current knowledge of computer software and systems applicable to WWW site development
- knowledge of strategic human resource issues facing the University.

This continuing position is available from 1 July 1999. Further details from Bill Aukett, tel: 8303 4642, email: <bill.aukett@adelaide.edu.au>. Duty statement and selection criteria tel: 8303 5666.

**\* APPLICATIONS** Mr B Aukett, Manager Organisation and Policy Development, Human Resources, University of Adelaide, Australia 5005, by 27 April 1999.

**ADMINISTRATIVE ASSISTANT**

(Ref 3039)

Secretariat, Office of the Vice-Chancellor

F/t Salary HEO3 \$26,725 - \$30,467

To provide clerical support to the Secretariat. This involves support

for Council and associated committees including Academic Board, Vice-Chancellor's Committee and ethics committees. Duties will include assisting in the preparation and distribution of meeting documents, word-processing, typing of oral dictation, enquiries, database entry, preparation of web pages, and assisting with financial records together with related duties as required.

You should have:

- excellent interpersonal skills, oral and written communication skills, organisational and clerical skills
- excellent word-processing skills
- ability to type oral dictation and proof read documents
- ability to use initiative and judgement
- ability to work as part of a team.

This continuing position is available from 1 July 1999, 44.1 hours per fortnight. Further details Tupp Carmody, tel: 8303 4194, fax 8303 4407 or e-mail: <tupp.carmody@adelaide.edu.au>.

**\* APPLICATIONS** to Ms Susan Graebner, Acting Director, Executive Services, Office of the Vice-Chancellor, University of Adelaide, Australia 5005 by 27 April 1999.

\*\* includes only those persons who hold current written contracts of appointment with the University.

**Applications for the following vacancies are not restricted to members of the University.**

**SENIOR LECTURER**

(Ref: 4079) (Tenurable)

Department of Medicine, North Western Adelaide Health Service and

The Queen Elizabeth Hospital

Salary: \$59,332 - \$68,415\*\* + Clinical loading of \$15,929

The Queen Elizabeth Hospital is a major teaching Hospital of the University of Adelaide and is amalgamated with the Lyell McEwin Health S

The position is available immediately for twelve months initially. Further details Dr Rhett Swanson; tel: 8261 1033, fax: 8261 2280 or email: <rswanson@microb.adelaide.edu.au>.

**\* APPLICATIONS** to Dr R Swanson, Department of Microbiology and Immunology, University of Adelaide, Australia 5005, by 27 April 1999.

**RESEARCH PROJECT  
COORDINATOR/**

**BACHELOR OF HEALTH  
SCIENCES**

**ADMINISTRATIVE OFFICER**

**(Ref: 4092)**

Medical School

F/t Salary HEO5: \$34,610 - \$38,619

The Research Project Coordinator is responsible for the administration of the Resear

## **Research Grants and Fellowships**

The following is a list of grant, fellowship and other research funding schemes currently available for application. A more detailed electronic version of this listing (Update: Research), together with guidelines and application forms are available at: <<http://www.adelaide.edu.au/RB/>> . For hard copy application forms and guidelines for any of the funding schemes listed below, please the Research Branch, ext 35137; or email <[louise.moore@adelaide.edu.au](mailto:louise.moore@adelaide.edu.au)> .

**Sponsored Programs Information Network (SPIN):** SPIN Australia - A database containing current and comprehensive information on over 2,600 government and private funding opportunities. The SPIN web site is accessible via the Research Branch web site.

**Industry, Science & Resources; Dept of (DISR) - Technology Diffusion Program (TDP):** This Program has three integrated components: Technology Alliances; Technology Transfer; and Online Business. Further informat