

ADELAIDEAN

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NEWS FROM THE UNIVERSITY OF ADELAIDE

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2 The Vice-Chancellor on Lord Dearing,
vision and enterprise

4 Discovery its own reward for chemical
engineering medal winner

6 Zoology still excites after 40
years of service



On Monday 21 September almost 100 PhD students and guests gathered for a seminar entitled "Beyond the PhD: creating career opportunities". The rationale for this seminar was that a doctorate from a world class university is no longer a guarantee of a secure career.

This seminar had very humble beginnings. A group of PhD students in the Department of Public Health

Links with Israel strengthened

THE FACULTY of Agricultural and Natural Resource Sciences has continued to build on its international links following a visit by the Israel Association of Field Crop Growers earlier this month.

The delegation of 15, on their second visit to South Australia, received a comprehensive briefing from staff within the Faculty and visited both the Waite and Roseworthy Campuses.

The study tour focused on dryland farming, irrigation, soil management, fertiliser use and agricultural machinery, in particular tillage equipment.

The Faculty's Manager, Agribusiness Development, Mr Hugh McClelland said the delegation was particularly interested in the plant breeding program with the possibility of Israel importing cereal and pasture seeds.

He said Israel had imported pasture seed in the past but that may develop further as a result of the visit.

"I also discussed with the leader of the delegation a proposal for us to facilitate on-farm work experience placements and short-term training for young Israeli farmers, and highlighted the directly relevant academic courses in the University of Adelaide for Israeli undergraduate and postgraduate students," said Mr McClelland.

The proposal was received with great interest; however, no commitment was made.

Mr McClelland said in terms of the internationalisation process in the Faculty, it was clear that very good



L to R: Senior plant breeder Dr Tony Rathjen, delegation leader Dr Yossi Dror, association member Mr Shay Kitain and Mr Hugh McClelland inspecting trial plots at the Waite. Photo courtesy of Anne Lucas

linkages had developed with Israel and these provided a foundation for future collaboration in research and for the recruitment of students.

The Israel Association of Field Crop Growers was also hosted by the South Australian Research and Development Institute, SEEDCO, South Australian Cooperative Bulk Handling and South

Australian Farmers' Federation.

The meeting with SAFF included a "lively discussion" about current and future developments in research and technology transfer to farmers.

The four-day visit to South Australia also included several farm tours in Pinnaroo.

—Anne Lucas

Turning human limitation to advantage

PROFESSOR CEDRIC GRIFFITHS from the National Centre for Petroleum Geology & Geophysics explores the psychological aspects of geological investigation and their consequences for areas such as interplanetary robot geology in the last of the Spring 1998 series of Inaugural Lectures on Friday 30 October.

Geology has developed rather slowly as a field of study over the past two hundred years, Professor Griffiths says. At universities geologists are instructed in the gentle art of field observation, shown typical examples of a wide variety of phenomena, and cast out into the desert to fend for themselves.

"Rarely do geologists consider the

processing and perceptual limitations of the human body and brain and how these influence decisions," he says.

"Little if any time is devoted to increasing the awareness of students to common pitfalls in interpretation caused by short-term memory limitations, visual illusions etc, and the literature contains many examples of misguided interpretation caused by these phenomena."

Professor Griffiths says this problem is brought into sharp focus as we move away from human-based geological field work and into the realm of the robot-geologist ('geobot'), of which a primitive example was seen on Mars last year.

"A self-propelled robotic geologist need not suffer from the same limitations as humans in terms of visual wavelengths, chunking of data, and need for template matching," he said.

"The challenge is to design a successful interplanetary geobot that is more than just a camera. To do this we must first understand where our own interpretation is limited by our physical and mental composition, and then design a machine that is not so constrained."

"Geo-psychology: problems and opportunities". Lecture Theatre 102, Napier Building. 1.15pm, 1300 03 01

NEWS IN BRIEF

FOOD AND SOCIAL CHANGE

Andrew Watson, Professor of Asian Studies, will present a feast for the mind with a public talk on Food and Social Change in China on Thursday 5 November at 6:00pm in Lower Napier 28. The talk is sponsored by the Research Centre for the History of Food and Drink.

CELEBRATING BACH

The Elder Conservatorium of Music's 1998 Bach Festival got underway last week, and continues until Friday 30 October with lunch-hour concerts each weekday in Elder Hall.

The Bach Festival has become one of the Conservatorium's most popular events since it was founded by Associate Professor Beryl Kimber twenty years ago as a way of giving her violin students the opportunity to perform some of Bach's great violin masterpieces.

Since expanded to incorporate a wide range of instruments, the Festival also now has performances by Conservatorium staff and visiting artists. Highlights this week include Stefan Ammer on fortepiano and Semyon Kobets (violin), as well as many of the Conservatorium's talented students.

Admission is \$2 (tickets available at the door). Detailed programs are available from the Elder Conservatorium.

MILLENNIAL WAGNER

The University of Adelaide will be the venue for the International Wagner Symposium, "Wagner at the Millennium" from 25-27 November.

Jointly hosted by the Musicological Society of Australia (SA Chapter) and the Richard Wagner Society of SA, the symposium coincides with the first Australian performance of Wagner's *Der Ring Des Nibelungen*, in Adelaide in November-December 1998.

The symposium will focus on current and newly emerging directions in Wagner research and questions relating to the production and reception of Wagner's work at the close of the millennium.

It features four leading Wagner scholars as keynote speakers, and a round-table discussion at which both the Conductor and senior members of the Adelaide Ring production team will participate, along with the keynote speakers. Enquiries: <collom@adelaide.on.net>.

The Musicological Society of Australia's 21st national conference will follow the symposium (from 27-29 November, also at the University of Adelaide). Its theme, "Crossing Boundaries", explores new directions and interdisciplinary approaches in Music Research. Enquiries: <johnngreg@maxisp.com.au>.

STUDENT TRAVEL AWARD

Fourth year Adelaide dental student Sue Taji has won an International Association for Dental Research (IADR) Travel Award for a poster presentation at the Australian and New Zealand division of IADR's annual meeting in Brisbane recently.

The research leading to the award was carried out as a summer vacation project supervised by Professor Grant Townsend and Mr Jim Rogers. Ms Taji will use her award to present her work at the next international meeting of IADR in Vancouver.

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GEOGRAPHY student Ms Zoë Morrison
has beco

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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.

ALUMNI NEWS

AYERS HOUSE TOUR: ADVANCE NOTICE

Alumni are given advance notice that there will be a guided tour of Ayers House, Adelaide's premier historic home, at 6:00pm on Wednesday 18 November next. The tour will be presented by the National Trust. Cost: \$5.00 per person, payable at the door. Please call the Alumni Office on 8303 4275 to book your place; numbers limited.

HEALTH IN ANTIQUITY

Professor Maciej Henneberg and Mrs Renata Henneberg of the Department of Anatomical Sciences will give a presentation about "Health in Antiquity" on Thursday 29 October at 7:00pm. They will show what we can learn of the lives of people in the ancient world by applying modern forensic techniques to skeletal remains.

This presentation is free, but to assist with planning please make a booking by calling the Alumni Office on 8303 4275. Further details of where the presentation will be given will be available from the Alumni Office.

GOLDEN JUBILEE OF 1948 GRADUATES

The Alumni Association held its annual Golden Jubilee Commemoration and Reunion Dinner on Thursday 15 October. Graduates of 1948 returned to the University to be presented to the Chancellor as President of the Alumni Association.

The Golden Jubilee Commemoration Address was given by the Hon Dr SJ Jacobs AO QC, who graduated in 1948 with the degree of Bachelor of Laws. Dr Jacobs has been active in University affairs all his life. He was a member of

ADELAIDE: Person to share modern city townhouse from Nov - March 99. All mod cons, walking distance to Uni. \$85 pw + exp. Ph 8224 0770.

BURNSIDE: Modern two-storey, furn house with 3 br, 2 bathrms, lounge & family, air cond, lock-up garage, walking distance to transport, shops & park. Avail Jan - July 99. Rent neg. Ph 8303 5084, email: <jmazumda@maths.adelaide.edu.au>.

CHRISTIE DOWNS: Self contained room, close to transport, student only, non smoker. \$40 pw (no running costs). Ph 8382 9545.

HOUSE SITTER:

Bulletin Board

12noon Child Health Research Institute Seminar: Gene Regulation of Bacteria-Epithelial Cell Interaction by Dr Allan Walker (Professor of Nutrition & Pediatrics, Harvard Medical School / Chief - Pediatric Gastroenterology & Nutrition, Children's Hospital & Massachusetts General Hospital, Boston). Seminar Room, 7th Floor, Reiger Building, WCH.

1.00pm Microbiology & Immunology Seminar: A vaccine against schistosomiasis: Prospects and pitfalls by Dr Don McManus (Molecular Parasitology Unit, Queensland Institute of Medical Research). Departmental Library, 5th Floor, Medical School South.

1.00pm Clinical & Experimental Pharmacology Seminar: Cardiac effects resulting from multiple drug abuse by Mr Ben Phillis (PhD student). Seminar Room, 6th Floor, Medical School North.

1.10pm Public Health PhD Presentations: Emma Lea, Lillian Mwanvi and Laura Langton. Seminar Room, Level 6, Bice Building, RAH.

1.10pm Elder Conservatorium - Bach Festival: Ross Watmuff - piano, Alison R

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

**LIBRARY ASSISTANT
(Special Collections)
(Ref: 2111)**

Barr Smith Library

Salary HEO3: \$26,201 - \$29,870

To provide a service to the public for the Special Collections held in this library by retrieving items from collections and superv

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 for some of the major schemes, are available at: <<http://www.adelaide.edu.au/RB/>>. For hard copy application forms and guidelines for schemes listed below, contact the Research Branch, ext 35137; email <research@registry.adelaide.edu.au> or ccmil RESEARCH, Branch.

Sponsored Programs Information Network (SPIN): SPIN Australia - A database containing current and comprehensive information on over 2,600 government and private funding opportunities. SPIN web site: <http://australia.infoed.org/spin_start.html>. Select 'Access Spin WWW' and then select 'Spin Australia'.

Department of Industry, Science & Tourism (DIST) - Technology Diffusion Program (TDP): This Program has three integrated components: Technology Alliances; Technology Transfer; and Online Business. Further information about the TDP is available from the AusIndustry web site: <<http://www.ausindustry.gov.au/tdp>>. U19/98

The University of Adelaide, Division of Health Sciences, Faculty of Medicine: Call for Nominations for the Alice Davey Award in the field of Sudden Infant Death Syndrome: Nominations should reach Mrs Stella Richards, Faculty of Medicine Office by 30 October 1998. U16/98

University College London - Ramsay Memorial Fellowships Trust: Ramsay Memorial Fellowships for Chemical Research (Postdoctoral) 1999-2001: Internal closing date: 30 October 1998. U15/98

University of British Columbia - Izaak Walton Killam Postdoctoral Fellowships: Internal closing date: 30 October 1998. U16/98

Gastroenterological Society of Australia - Call for Applications

- Astra / GESA Career Development Award
- Glaxo / GESA Travel Award
- Astra / GESA Grant-In-Aid for Overseas Study
- Pharmacia / GESA Senior Travel Award

(Please note: Applicants must be financial members of the Gastroenterological Society of Australia by the closing date for applications, in order to be eligible to apply. Applicants if succ