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Clarity and certainty needed in higher education policy

Universities Australia Chair Professor Barney Glover has called for greater clarity and certainty in higher education policy ahead of the looming federal election.

In his speech to the National Press Club last month, Professor Glover urged the political parties to lay out more detail on their respective plans for higher education policy, calling for a sophisticated debate on how to deliver sustainability and stability for the long term.

"Almost two years of policy insecurity and uncertainty is taking its toll on the ability of universities to plan and allocate resources in their students' best interests," Professor Glover said.

"It is difficult to imagine any other industry tolerating such policy instability.

"Yet when it comes to higher education - the majority contributor to Australia's third largest export industry, the cornerstone of Australia's innovation future, and a \$140 billion contributor to our economy in 2014 - the rules are different."

Professor Glover made the economic case for the Research & Development tax incentive review - currently underway - to ensure the \$2.9 billion-a-year tax break drives stronger rates of research partnerships between business and public research bodies such as universities.

Lifting the numbers of those joint research partnerships would deliver broader 'spillover' benefits from research to the wider economy - in addition to the direct benefits of that research to a single firm.

Professor Glover said he wanted Australia to rethink its comparatively heavy reliance on an indirect tax incentive to foster corporate innovation - and argue the indirect tax break should be complemented by direct payments to businesses that collaborate on research with universities and public researchers.

The current R&D tax incentive accounts for 30 per cent of the Australian Government's total spending on science, research and innovation - and has doubled over the past decade to reach \$2.9 billion a year. Yet over that decade there has been only marginal improvement in Australia's innovation performance.

While the current scheme offers higher tax concession rates for small and medium sized businesses, he says a lack of programs to encourage those same firms to take innovations developed with universities out into the market is cause for concern.

"Beyond tax incentives, Australia needs to consider seriously whether we have the balance between direct and indirect support for innovation right," he said.

He cited as a model the US Government's Small Business Technology Transfer program, which since its inception in 1994 has been particularly effective at lifting the level of commercialisation for publicly funded research by small and medium-sized businesses.

Professor Glover's full address to the National Press Club is published at www.universitiesaustralia.edu.au

Reviews welcome

Several books are being reviewed, including *Forgotten Anzacs: the campaign in Greece, 1941*. This is a revised edition by Peter Ewer and is published by Scribe. Another is *The Forgotten People: Liberal and Conservative Approaches to Recognising Indigenous Peoples* by Damien Freeman and Shireen Morris; published by Melbourne University Press. A book awaiting a volunteer reviewer is Damon Young's *The Art of Reading*, published by MUP.

If you have read a new book recently or revisited an old one that could do with a reappraisal, send your review to *Emeritus* for the membership to read. In general, reviews will be about 1,000 words but this limit is flexible depending on the book and the persuasiveness of the reviewer – and competing content in *Emeritus*.

If you wish to add your name to a "Reviewer's Register", please send an email to the editor of *Emeritus* at <mailto:ian.mathews7@bigpond.com?subject=Reviewer's Register> noting your areas of academic study and other interests which, of course, may be far removed from academia.

...And while on the subject

Professor Amin Saikal has launched his new book *Iran at the Crossroads* at the United Nations in New York. The book traces Iran's transition from a pro-Western monarchy to an Islamic Republic.

"The Australian, Iranian and Afghan missions at the UN deemed it appropriate to kindly sponsor the launch of the book at the Australian mission because of the timely nature and content significance of the book," said Professor Saikal, Director of the Centre for Arab and Islamic Studies.

The book is designed to inform policy makers, media, academics, students and the general public about the complexities of Iran's domestic and foreign policy in the most accessible way possible. It analyses the relationship between Iran and the United States and the implications of the recent thaw in that relationship in the wake of the July 2015 nuclear agreement between Iran and world powers, most importantly the United States.

"The book also looks at the difficulties and prospects for the moderate, reformist government of President Hasan Rouhani, who came to power on the promise of reform in August 2013,"

said Professor Saikal. "The objective discussion of all these issues has significant relevance to those powers and actors who now recognise Iran as an influential player at regional and international levels. The Islamic Republic stands at a critical juncture in its history, but now has a unique opportunity to act as a very influential and stabilising actor in the region and beyond."

Another recently published book (not received by *Emeritus*), asks "Is Japan running out of husbands? Is China running out of wives? Is India-Australia trade more than the 3 c's: cricket, curry and call centres? If you'd like the answer to these questions and inside tips on how to do business globally then a new book *Trading Places – The Airport Economist's guide to International Business* by Tim Harcourt is in bookstores or at <https://www.newsouthbooks.com.au/books/trading-places/>

Thanks for the memories – an appeal

Richard Fox, *ANU Reporter* Editor/Corporate Communications Officer, is appealing for reports linked to the ANU's 70th anniversary. He writes: "It's almost time for another get-together, this time for the August edition of *ANU Reporter*. For this edition, we're looking at something a bit different. We are aiming to publish this edition on 1 August, the 70th anniversary of ANU being established by Federal Parliament. As such, we'd like a large section of the content to revolve around the 70th anniversary, whether it be pieces written by or are about influential people, features on policy/research areas that will shape the next 70 years or nuggets of information that very few people know about ANU".

If you have an idea for *ANU Reporter*, contact Richard on

Ph: 02 6125 4171 E richard.fox@anu.edu.au E-mail reporter@anu.edu.au

ANU Council discusses investment policy

In one of his recent weekly blogs, the Vice Chancellor, Professor Brian Schmidt AC, reported that the ANU Council met April 1, and one of the topics discussed was the University's Socially Responsible Investment policy. As a result of that policy, we don't invest in companies whose primary business is coal, gambling, tobacco or pornography, and we have taken steps to reduce the carbon intensity of our portfolio.

If you are interested, there is a more detailed report available on the University website <http://bit.ly/1MFpq1f>.

In summary, as a result of changes to our investment approach and in the ASX, the University's investments in carbon intensive industries have been reduced over the past 18 months. We will continue to look at methods available to simultaneously meet our obligations of achieving a high and stable return on the investment portfolio and decreasing the CO₂ intensity.

Professor Schmidt went on, "One of the great joys of my job is being able to get out and meet people across the University. Over the past two weeks, I've had a busy schedule meeting VIP visitors as well as some of our amazing students and staff. One of the highlights was a debate organised by *Woroni* on whether the classroom has a place in the 21st century. I found myself in a spirited discussion with students and Deputy Vice-Chancellor (Academic) Marnie Hughes-Warrington, in front of a lively audience in the China in the World theatre. My congratulations to the organisers for a great event on a topic of interest to everyone at ANU.

“It was also wonderful to speak at the Griffin Hall commencement and to welcome new members to the non-residential college. I'm a strong believer in the incredible experience that living on campus provides to our residential students, and believe Griffin Hall is a great way to share that experience with students who don't live on campus.

“It has also been a great pleasure recently to welcome to campus the Finance Minister of Indonesia His Excellency Professor Bambang Brodjonegoro, the Finance Minister of India the Hon Mr Arun Jaitley, and the Commander of the US Pacific Fleet Admiral Scott H Swift. All three countries are crucial to Australia and the high-level visits demonstrate the depth of ANU engagement in the Asia-Pacific region. We also received a visit from the Foreign Minister of Iran, His Excellency Dr Javad Zarif, and we were deeply honoured to host a public lecture for him at Llewellyn Hall.

“Finally, some of you will have noticed a new temporary building across from the Chancery on the lawns of the H.C. Coombs building. This is a traditional Mongolian Ger, kindly donated to the University by the President of Mongolia His Excellency Tsakhiagiin Elbegdorj. Mongolia's Ambassador to Australia, His Excellency Chuluunhuu Batlai presented the Ger to the University and even came along to help a team of skilled workers with its construction. The Ger will remain in place for the next couple of weeks. I encourage everyone to take a look inside and to admire the skilled work involved in constructing a Ger, using only rope and twine and with no screws or nails. ANU will use the Ger regularly for special events”.

Student accommodation

On the topic of student accommodation, the Vice Chancellor reports, “We have undertaken consultations around the University and particularly in the residential colleges. Students have told us what is important to them, and we are exploring outside interest with these concerns front of mind.

“As you all know, a matter very close to my heart is that of being able to provide accommodation on campus for ANU students who wish to live here. Unfortunately, the demand for accommodation on campus is more than we are able to provide -- we estimate that more than 1,500 students who wanted to live on campus in 2016 were not able to be accommodated.

“Another issue facing us is that much of our existing accommodation is getting pretty old now and is in constant need of expensive repairs. The University has taken out large debts to develop new accommodation and maintain ageing buildings. However, we do not currently have the resources available to modernise or replace old accommodation blocks and build housing quickly enough to meet demand.

“This has placed us in the position where we need to look very hard at our options. ANU is exploring interest in outside investment to help fund the improvement and expansion of student accommodation and student facilities at the university.

“The feedback we have received from students and residential alumni tells us that pastoral care, the unique culture of each residence, safety and security, cost and standard of accommodation are all critical and need to be guaranteed in any change.

“The model the university is testing provides outside investors with access to a 30-year financial concession (a kind of lease) but leaves the operation and control of student accommodation with the University. The University will not be privatising its student accommodation, and we will retain the day-to-day management of accommodation and student allocations through this process.

“We have decided that the bulk of any additional funds raised through this process should be targeted at improving other services and facilities to students.

“At this stage, there are nine residences included in discussions with potential investors-the new building at SA5 (currently under construction) plus Burton & Garran Hall, Graduate House, Toad Hall, Ursula Hall, Davey Lodge, Lena Karmel Lodge, Kinloch Lodge and Warrumbul Lodge.

“We have excluded Bruce and Fenner Halls from the current round testing with investors. The University is exploring a separate opportunity to design and build a new Bruce Hall, intended to open in 2018. Fenner Hall, which is off the main campus, will be relocated to the new SA5 accommodation development at the start of 2018.

“Our intent in testing this approach is to maintain, and where we can, improve the student experience, including pastoral care, for every ANU student.

“I will keep you informed of developments and look forward to hearing your views”.

Research value panel named

The Government has announced its first panel of experts who will lead efforts outlined in the National Innovation and Science Agenda to measure the value of research in Australia.

The members of the Committee are:

- Mr Graeme Whickman, President and CEO, Ford Motor Company Australia
- Dr Shanny Dyer, Managing Director, Wavefront Biometric Technologies
- Mr Ken Boal, Vice-President, Cisco Australia and New Zealand
- Emeritus Professor Lesley Johnson, University of Technology Sydney and Griffith University
- Professor Ian Jacobs, President and Vice-Chancellor, University of NSW
- Ms Belinda Robinson, CEO, Universities Australia
- Professor Scott Bowman, Vice-Chancellor and President, CQ University Australia
- Professor Anne Kelso, CEO, National Health and Medical Research Council
- Mr Mark Cully, Chief Economist, Department of Industry, Innovation and Science
- Dr Alan Finkel, Chief Scientist
- Professor Shearer West, Deputy Vice-Chancellor, University of Sheffield.

The Steering Committee will be co-chaired by Professor Aidan Byrne, Chief Executive Officer of the ARC, and Mr Dominic English, Group Manager, Research and Economic Group, Department of Education and Training. The members of the Steering Committee have been appointed for two years.

In a joint statement the Minister for Industry, Innovation and Science, Christopher Pyne, and the Minister for Education and Training, Simon Birmingham said, “Australia is a world leader in the quality of our research but falls behind when it comes to commercialising good ideas and collaborating with industry. That’s why this Steering Committee will provide invaluable advice and guidance on the way forward for our national assessment of research engagement and impact”.

The Steering Committee’s new measures will, as part of the National Innovation and Science Agenda, be used to help encourage universities to improve collaboration and focus on research that directly benefits Australia.

The ministerial statement continued, “We need a clearer picture of the engagement and impact of research conducted in our universities to ensure we are providing the right incentives, culture and practices to foster collaborative research that returns economic dividends and importantly, improves the lives of all Australians. We are directly investing around \$3.5 billion in university research in 2015-16 and it is vital we maximise the possibility for investments like this to deliver economic and social returns for the nation”.

Roadmap to research readiness

The Government has named the group of experts who will map out Australia’s research priorities over the coming decade. Minister for Education and Training Simon Birmingham said the new Expert Working Group would help set the future direction of national research infrastructure after the Government gave the National Collaborative Research Infrastructure Strategy \$150 million a year of indexed funding certainty through the National Innovation and Science Agenda for the next 10 years..

The Expert Working Group members are:

- Dr Alan Finkel AO, Australia’s Chief Scientist (Chairman)
- Professor Edwina Cornish, Provost and Senior Vice-President, Monash University
- Dr Andrew Cuthbertson, Chief Scientific Officer and R&D Director, CSL Limited
- Professor Sandra Harding, Vice Chancellor and President, James Cook University
- Ms Rosie Hicks, Chief Executive Officer, Australian National Fabrication Facility
- Professor Suzanne Miller, Chief Executive Officer and Director, Queensland Museum Network
- Dr Adi Paterson, Chief Executive Officer, Australian Nuclear Science and Technology Organisation and
- Professor Andy Pitman, Director, ARC Centre for Excellence for Climate System Science

Professor Aidan Byrne, Chief Executive Officer, Australian Research Council and Professor Anne Kelso AO, Chief Executive Officer, National Health and Medical Research Council are ex-officio members of the Expert Working Group.

The Expert Working Group will identify the future direction of national research infrastructure by responding to the National Research Infrastructure Roadmap Terms of Reference.

Minister Birmingham said, “The Expert Working Group will consult widely with researchers, businesses and other stakeholders to develop a national ten year plan to underpin research and innovation at a national level and to identify future national research infrastructure priorities and areas for ongoing investment.

“Looking ahead, future National Collaborative Research Infrastructure Strategy funding and investments will be guided by the 2016 National Research Infrastructure Roadmap that will be developed by the Expert Working Group under the guidance of Australia’s Chief Scientist, Dr Alan Finkel AO.”

The National Collaborative Research Infrastructure Strategy supports national research infrastructure that provides services to over 35,000 researchers, both domestically and internationally, through 27 projects and facilities delivered at 222 institutions.

NCRIS 2016-17 funding allocations by project

Project	Lead Agent	2016-17 \$
Australian Animal Health Laboratory	CSIRO	1,482,000
Astronomy Australia	Astronomy Australia	8,817,000
Atlas of Living Australia	CSIRO	4,696,000
Australian Microscopy and Microanalysis Research Facility	University of Sydney	3,633,000
Australian National Data Service	Monash University	9,380,000
Australian National Fabrication Facility	Australian National Fabrication Facility Ltd	12,436,000
ANSTO Nuclear Science Facility	ANSTO	6,593,000
Australian Phenomics Network	Australian National University	4,455,000
Australian Plant Phenomics Facility	University of Adelaide	3,752,000
Australian Plasma Fusion Research Facility	Australian National University	743,000
Australian Urban Research Infrastructure Network	University of Melbourne	2,121,000
AuScope	AuScope Ltd	7,430,000
Biofuels	AusBiotech Ltd	328,000
Bioplatforms Australia	Bioplatforms Australia Ltd	14,089,000
EMBL Associate Membership	EMBL	4,100,000
Groundwater	University of New South Wales	438,000
Heavy Ion Accelerators	Australian National University	1,590,000
Integrated Marine Observing System	University of Tasmania	14,243,000
National Computational Infrastructure	Australian National University	5,491,000
National Deuteration Facility	ANSTO	609,000
National eResearch Collaboration Tools and Resources	University of Melbourne	5,041,000
National Imaging Facility	University of Queensland	2,988,000
Pawsey High Performance Computing Centre	CSIRO	5,782,000
Population Health Research Network	University of Western Australia	4,355,000
Research Data Services	University of Queensland	5,300,000
Terrestrial Ecosystem Research Network	University of Queensland	6,044,000
Translating Health Discoveries into Clinical Applications	Therapeutic Innovation Aust. Ltd	3,715,000

TOTAL NCRIS 27 PROJECTS	139,651,000
Agility Fund	10,349,000
TOTAL	150,000,000

Wind farms research grants

The National Health and Medical Research Council (NHMRC) has awarded two grants totalling \$3.3 million to enrich the evidence-based understanding of the effects of wind farms on human health. NHMRC CEO Professor Anne Kelso noted that further research is needed to explore the relationships between wind farms and human health.

“Existing research in this area is of poor quality and targeted funding is warranted to support high quality, independent research on this issue,” she said. “To address this, we need well designed studies conducted by excellent researchers in Australian conditions. These grants directly support the Australian Government’s commitment to determine any actual or potential effects of wind farms.”

NHMRC funded research at the **Flinders University** of South Australia will explore relationships between noise from wind farms and effects such as annoyances and reduced sleep and quality of life. Research at the **University of New South Wales** will investigate the broader social and environmental circumstances that may influence the health of people living near wind farms. The outcomes of this research will assist in developing policy and public health recommendations regarding wind turbine development and operations in Australia.

Professor Kelso said it was important to note that the funding will support only high quality, well designed research proposals. “NHMRC supports only the most outstanding research. Each application for this funding underwent the same stringent independent review process we apply to all NHMRC grant applications,” Professor Kelso said.

These grants are awarded in response to the 2015 Targeted Call for Research into Wind Farms and Human Health, following the release of the *NHMRC Statement: Evidence on Wind Farms and Human Health*.

Information relating to the individual grants is available on the [NHMRC website](#).

Contact: NHMRC Media Team (0422 008 512 or media@nhmrc.gov.au(link sends e-mail))

Grant Highlights

Associate Professor Peter Catcheside, Flinders University of South Australia

\$1,357,652

Good sleep is essential for normal daytime functioning and health. Wind farm noise includes audible and unusually low frequency sound components, including infrasound, which could potentially disturb sleep through chronic sleep disruption and/or insomnia. This project will, for the first time, directly evaluate the sleep and physiological disturbance characteristics of wind farm noise compared to traffic noise reproduced in a specialised and carefully controlled laboratory environment.

Professor Guy Marks, University of New South Wales \$1,943,934

The human health impact of infrasound that comes from wind turbines has not been well researched. This project will assemble a team of researchers with a broad range of expertise to run a short term and longer term study to investigate whether exposure to infrasound causes health problems. The short term study will be laboratory-based and run

for three one week periods. The longer term study will be community based and run for six months. Sleep quality, balance, mood, and cardiovascular health will all be measured.

New Secretary of Department of Education and Training

Dr Michele Bruniges AM has been appointed the Secretary of the Commonwealth Department of Education and Training from 4 April. She has more than 25 years' experience in the education sector, starting as a primary school teacher through to various senior roles in the public service, a doctorate in educational measurement and has been leading the NSW Department of Education since 2011.

Dr Bruniges's work and ability has seen her inducted as a Member of the Order of Australia, recognised as a joint recipient of the 100 Women of Influence Awards and awarded a Gold Medal from the Australian Council for Educational Leaders. In 2015 Dr Bruniges also received the 2015 Sir Harold Wyndham Medal Award for her contribution to the education of young people in NSW from the Australian College of Educators.

Universities Australia has welcomed the appointment of Dr Michele Bruniges AM as the new Secretary of the Department of Education and Training.

"We look forward to working closely with Dr Bruniges on higher education and research policy, which affects the lives of millions of Australians and is crucial to future prosperity," said Universities Australia Chief Executive Belinda Robinson.

Obituary

Douglas Henry Kelly 24 April 1941-15 December 2015

Contributed by Elizabeth Minchin

Douglas Kelly was a proud New Zealander. He completed a BA and an MA (with numerous prizes and awards and, ultimately, 1st class Honours in Latin and Greek) at Auckland University College (the University of New Zealand); at Gonville and Caius College, Cambridge, on a Commonwealth Scholarship for the United Kingdom, he completed a BA with 1st class Honours in Classics. He returned to Cambridge as a postgraduate student (1969-1971) supported by a Charles Oldham Scholarship and a Gonville and Caius Studentship. His PhD was completed in 1975, with a thesis supervised by Guy Griffith (for whom Doug had the highest regard) on Spartan history, which would become his primary research area: 'Sources and interpretations of Spartan history in the reigns of Agesilaus II, Archidamus III, and Agis III'.

Doug held a junior lectureship in Classics at the (by now) University of Auckland (1963); a lectureship in Classics at the University of Canterbury, Christchurch (1965-1968). He taught History at Macquarie University, Sydney (1971-1973 as Lecturer; 1974-1979 as Senior Lecturer). In 1980 he took up a position as Lecturer at the ANU; in 1983 he was promoted to Senior Lecturer, a position he held until he retired in 2003. After retirement he was a Visiting Fellow in the College of Arts and Social Sciences at the ANU until the end of 2011.

Although Doug's principal teaching area was Greek history, he also taught Roman history and the classical languages and their literatures. His lectures were well-prepared and always memorable: he knew his sources profoundly well. Associate Professor Tom Hillard (a colleague at Macquarie) recalls how Doug would tease material out of those sources,

carefully drawing out larger insights and bringing that world to life. These classes, Hillard observes, provided life-long lessons in style, methodology, and the commitment to enquiry. Jeremy McInerney (a former student and now Professor of Classics at the University of Pennsylvania) singles out Doug's flair for bringing common sense to his analyses of historical problems; a truly great teacher, Doug understood that what was important was not the answer he might give but the question he asked. He was, McInerney says, an example to us all.

Students who consulted Doug in his office, which housed just part of his vast personal library, appreciated his generosity: he showed infinite kindness to and patience with students (and, indeed, colleagues) who sought his advice or his assistance. With bright and able students he was more challenging, pushing them to consider and re-consider all the evidence available. His goal as a teacher was above all that his students should learn to be as sceptical as he was with respect to the ancient evidence and, equally, to the claims of modern scholars.

Doug supervised a number of splendid PhD theses. He gave up many hours to careful reading of drafts and to discussion of those drafts with his students. He was, in fact, an ideal supervisor. He himself was extremely well-read across the broad field of ancient world studies, from the Aegean Bronze Age to Late Antiquity and beyond. His memory for what he had read was incomparable. He took nothing for granted. His thoroughness was legendary.

For years after his retirement Doug contributed to Advanced-level and Honours teaching at the ANU; he was a highly valued member of Greek and Latin reading groups; and he was a willing and very helpful participant in training programs for volunteer guides in the ANU Classics Museum.

Doug was equally generous with his time in his service to the profession. He was a willing examiner of theses, a willing reviewer of submissions to journals, both Australian and international, a willing contributor to conferences and at HSC study days at Macquarie University. For many years, from its inception, he was a judge of the (then) Australian Society for Classical Studies (ASCS) Annual Essay Prize. He was very well-qualified for this task. This was not Doug's only contribution to ASCS, the peak body for Classics and Ancient History in Australia. In 1993 he was elected President of the Australian Society for Classical Studies and served in that role until the end of 1998, representing the society, its interests, and its members across the country.

Doug's father had worked on the wharves in Auckland in the 1950s, at a time of considerable industrial unrest. Doug himself recalled the hardships of striking workers and their families, his own included. These experiences in his formative years of the tensions between management and worker stayed with him, in his research as well as in his working life. He was a deeply committed unionist. It is therefore not surprising that he became President of the ANU branch of the National Tertiary Education Union in 1996. He held that position for a remarkable eight years, until his retirement in 2003. Between the years 1998 and 2003 he was also Division President, representing the ACT on the National Executive of the NTEU. This was a particularly difficult time in universities. Government spending on tertiary education had been cut, and harsh cuts within universities were proposed and in many cases put into effect. ANU was no exception. Doug was strong and uncompromising in his representation of the interests of staff, both academic and general staff, who faced cuts or heavier workloads as a consequence of those cuts. In 2002 he was elected Life Member of the NTEU, in recognition of his efforts on behalf of all workers within the university. In nominating Doug for this honour the ANU Branch wrote, "it is hard to imagine that anybody could have done a better job of being branch president . . . during the long periods of conflict with the management of the ANU. . . . Frankly, it is almost frightening to think of the damage that could have been done to the ANU if Doug had not been there."

Doug did not make his own students suffer for his commitment to the NTEU. In the year in which the NTEU had voted that members should withhold examination results from the

university administration Doug was, of course, bound by this decision. But, as one of his students, Fiona Manning, recalls, he made time to ring each member of each of his classes at the end of that semester and to tell them their results—enabling their lives to go on.

Although the principal focus of Doug's research has been the history of Sparta, for which he is recognised internationally (recently and most notably by Professor Stephen Hodkinson, Director of the Centre for Spartan and Peloponnesian Studies at the University of Nottingham, who has described his work on Sparta as 'myth-busting' and 'game-changing'), he published a number of papers on Athenian, Roman, and Byzantine history. Doug is a leading contributor to the forthcoming *Conflict in Ancient Greece and Rome* (ABC Clio), which he co-edited with Dr Iain Spence and Dr Peter Londey (ANU). His significant contribution to the study of the ancient world, however, will be his commentary on Xenophon's *Hellenica*—that seven-book history, centred on Sparta, that takes the reader from 411BC (through the later years of the Peloponnesian War) to the Battle of Mantinea (362BC). Doug's manuscript, almost in final form, the product of four decades of careful research, has been entrusted to his great friends Dr James McDonald (one of Doug's postgraduate students) and Professor Gregory Horsley (UNE).

Doug spent the last two years of his life contending, always stoically, with two incurable forms of cancer. Shortly before he died, the (now) Australasian Society for Classical Studies was able to announce that its Annual Essay Prize for Australian undergraduates would thereafter be known as the ASCS Douglas Kelly Australian Essay Prize, in recognition of Doug's long record of service to Classics and Ancient History as well as to the Society itself—and, indeed, it testifies to the great respect and warm affection in which he is held by all Australasian classicists.

Doug is survived by his wife, Anne, a son, Simon, and partner Rachael, and a daughter, Jessica.

Obituary

Jack Caldwell

8 December, 1928 - 12 March, 2016

Contributed by Bob Douglas, Terry Hull and Peter McDonald

John Charles ("Jack") Caldwell who died last month aged 87 was one of ANU's international treasures. A 2009 survey of nearly 1000 demographers worldwide, named him the most influential researcher of all time in the demographic field. Caldwell shared most of his research career with his anthropologist wife of 60 years, Rosie "Pat" Caldwell. Together they were a formidable team. Pat's death in 2008 had a great effect upon Jack.

He was the author of 25 books, 128 book chapters and 139 journal articles. Caldwell's seminal work included documentation of the role of mothers' education in fertility limitation and child mortality decline and the role of circumcision in inhibiting the spread of HIV/AIDS in Africa.

He is particularly noted for his "wealth flows" theory, which relates demographic transition theory to changes in intergenerational transfers within the family. Caldwell received recognition both at home and overseas. In 1985, the Population Association of America presented him with its highest prize, the Irene Taeuber Award for excellence in demographic research. In 1994, he began an elected four-year term as President of the International Union for the Scientific Study of Population, the peak international body for demography and in 2004 he was presented with the United Nations Population Award. These are the three highest international honors in the field of demography and no other person has won all three of these awards. He was made an Officer in the General Division of the Order of

Australia in 1994 and received the Australian Centenary Medal in 2001.

Jack Caldwell was born in the suburb of Canterbury, Sydney. His father was a schoolmaster and when Jack was nine years old the family relocated to Canberra, where his father became the first language master of Canberra High School, and Jack obtained his NSW Education Department Leaving Certificate. His tertiary education took him to Sydney University, Sydney Teachers College, the University of New England and the Australian National University where he gained his PhD in 1961. He was awarded Honorary Doctor of Science degrees by the University of Southampton and the Australian National University.

For many years he taught in primary school in Nabitac on the NSW Mid-North Coast and on his return to Canberra in 1953 he taught at Telopea Park High School while undertaking his academic qualifications as an external student.

Caldwell's first academic appointment was at the University of Ghana (1962-64). This early experience began a lifelong interest in Africa and produced his first two books, being the products of surveys carried out on migration and family life in Ghana. He was appointed in 1964 as a staff member of the Department of Demography of the Australian National University and took leave from that post to work with the Population Council in New York in 1968 and with the University of Ife, Nigeria in 1969. The family returned to Australia in 1970 where Jack took up the headship of the Department of Demography at the ANU, a position he would hold until 1988. In 1970, he initiated the first major Australian sample survey of marriage, fertility and contraception, tested in Queanbeyan, and carried out in Melbourne. During the 1970s, he developed a close working relationship with Lado Ruzicka which was to continue for the rest of their careers.

Also in the 1970s, the Caldwells co-directed the Changing African Family Project. This program of work used demographic and anthropological approaches to understand the nature and trends of fertility and mortality shaping the many unique family systems across the continent. His speculations on intergenerational flows of wealth and obligations fueled debate about the likelihood of fertility decline at a time when the western world was investing heavily in family planning programs. His conclusion that fertility decline would be a long and slow process in Sub-Saharan Africa has been borne out by history.

Caldwell believed deeply that researchers could not gain a good understanding of demographic phenomena without being steeped in the cultures to which the behavior applied. He practiced this himself in what he called micro-demography (or anthropological demography) where the researcher meets face-to-face with the subjects of the research in their own environment. His belief was that this experience should inform quantitative surveys, leading to the development of theoretical modeling, which was also underpinned by the experience to be gained from the historical record in the western world.

From 1977, the Caldwells' research attention shifted to South Asia (India, Sri Lanka and Bangladesh) where he fine-tuned the micro-approach working with South Asian scholars. Visitors and students flocked to the ANU to learn about "Caldwellian methods".

As Head of ANU Demography, he attracted numerous PhD students, from Australia, from other developed countries and, most importantly, from developing countries. He was then highly influential in furthering the careers of the department's PhD graduates often ensuring that they occupied positions where they could be exponents of micro-demography. He was an incredibly generous leader and teacher, encouraging all staff and students to develop their own interests and produce their own publications.

Caldwell played a pivotal role in the 1970s in the development of the World Fertility Survey (WFS) and he continued to contribute to the WFS as a member of its Technical Committee.

As Head of Demography at ANU, he was instrumental in the creation of the International Population Dynamics Program and the Masters Degree in Demography.

Caldwell stepped away from the Demography Department at the end of 1988 but he had by no means finished his work. Having worked for many years on the theory of the Demographic Transition that had firmly shaped international studies of human population change, he saw that there was great opportunity to marry the theories of demography with the developing research findings on morbidity and mortality. The Rockefeller Foundation provided Caldwell with initial funding for the establishment of a Health Transition Centre, to explore the cultural and social determinants of health. This centre was housed in the newly developed National Centre for Epidemiology & Population Health (NCEPH) in 1988, for which he was the first Acting Director. As the enormity of the HIV/AIDS epidemic became clear in the late 1980s, Caldwell applied his knowledge of African family systems to understand what he termed 'sexual networking'. The Swedish Agency for Research Cooperation with Developing Countries supported research collaboration with academics in Uganda, Ghana and Nigeria into the social and behavioural context of the HIV/AIDS epidemic.

An international conference entitled "The Continuing Demographic Transition" was held in 1996 to mark Jack's retirement. Colleagues from around the world who had been influenced by him came to Canberra to honour him. Oxford University Press published a volume, which drew together many of the threads of his many academic contributions. An endowment was established at ANU in 1998 to honour Jack's lifetime work. It has supported collaborations between demography and epidemiology at the ANU, and most recently has funded visits by outstanding African population researchers to the ANU, as JC Caldwell Fellows. Subsequent to retirement, Jack returned to the ANU Demography Program as an Emeritus Professor.

Jack was a humble and unassuming man with an adventurous mind and an abiding commitment to a better understanding of human behavior. He is survived by four sons, Peter, Colin, Grahame and Bruce, six grandchildren and 13 great-grandchildren.

Strategic Research Fund Grants

The Minister for Foreign Affairs, Julie Bishop, and the Minister for Industry, Innovation and Science, Christopher Pyne, announced on March 30 the recipients of six new grants awarded through the Australia-India Strategic Research Fund (AISRF).

The projects, awarded grants totalling \$5.6 million, support the objectives of the National Innovation and Science Agenda and help Australian research institutions build links with India, an important partner for Australia in science and research collaboration.

The successful projects will tackle challenges to agricultural productivity and food security, and help develop clean energy technologies. Australian recipients include the South Australian Research and Development Institute, the University of Tasmania, Deakin University and the University of New South Wales.

In addition to Australian Government funding, the Indian Government and research and industry partners will contribute around \$10 million to the six projects.

Since 2006, the AISRF has supported over 240 projects, workshops and fellowships in key areas of priority to Australia and India, involving around 100 top universities and research institutes in both countries.

More information about the AISRF, including successful grant recipients, is available at: www.science.gov.au/aisrf

Appointments to the Administrative Appeals Tribunal.

Professor Bernard Joseph McCabe and Mr James Francis Walsh have been appointed as Deputy Presidents to the Administrative Appeals Tribunal. They will serve as the Division head of the Taxation and Commercial Division and Division head of the Social Security and Child Support Division, respectively. Professor McCabe and Mr Walsh have each been appointed for a period of three years commencing on 25 March 2016.

Mr Peter Britten-Jones and ANU graduate Mr William (Bill) Stefaniak AM RFD have been appointed as part-time senior members for a period of five years which began on 25 March 2016. In addition, Mr Kent Chapman and Mr Justin Meyer have been appointed as full-time members for a period of five years commencing on 4 April 2016.

Ms Dominique Kristen Grigg has been appointed as a part-time member for five years from 25 March 2016. Mr Andrew Carson and Dr Jonathan Gillis have also been appointed as part-time members for three years, from 25 March 2016. Dr Maria Theresa Ho has been appointed a part-time member for three years, from 18 April 2016.

Others appointed as part-time members for five years from 25 March 2016 are: Mr Louie Hawas, Ms Anne-Marie Elias, Dr Bennie Ng, and Mr Perry Quinlan Wood.

The Government has reappointed Mr Simon Letch as a full-time member for three years commencing on 16 May 2016.

In addition, the following people have been reappointed as part-time members for three years:

- Professor Timothy Daniel Bohane from May 26, 2016
- Dr Alexandra Joy Bordujenko from 1 April 2016
- Ms Tina Liane Bubutievski from 1 April 2016
- Ms Kate Buxton from May 16, 2016
- Ms Erika Cornwell from 1 April 2016
- Professor John Anthony Devereux from 1 April 2016
- Ms Amanda Jane Ducrou from 1 April 2016
- Ms Anne Therese Grant from 1 April 2016
- Mr Adam John Halstead from 1 April 2016
- Ms Tamara Hamilton-Noy from 1 April 2016
- Ms Susan Hoffman from 1 April 2016
- Ms Maxina Martellotta from 1 April 2016
- Dr Harry Schwarz, from May 26; and
- Ms Judith Williams from 1 April 2016

Legal profession in UN human rights mechanisms

The [International Bar Association's Human Rights Institute](#) (IBAHRI) has published a report calling for greater involvement of the legal profession within the United Nations Universal Periodic Review (UPR) - a peer assessment of the human rights records of all 193 UN Member States - in order to maximise the impact of the international mechanism and ensure that the administration of justice is at the forefront of human rights protection.

[The role of the Universal Periodic Review in advancing human rights in the administration on justice](#) follows comprehensive analysis of the 38,928 recommendations made by states to the UPR between 2008 and 2014. It was found that just over three per cent of the recommendations related to the independence of judges, lawyers and prosecutors; the independence of lawyers and prosecutors has thus far been given very little attention by states; and that concrete and actionable recommendations relating to the independence of the judiciary remain limited.

PICA 'powers up' to improve CO₂ capture

CSIRO and industry partners have launched a two-year research program to improve efficiency of carbon dioxide (CO₂) capture. CSIRO, AGL Energy (AGL), Brown Coal Innovation Australia and Japan's IHI Corporation are partnering on the PICA post-combustion capture research project which will evaluate innovative processes using gases drawn from AGL Loy Yang brown coal-fired power station in south-eastern Victoria.

While CO₂ is already being captured at large scale around the world, cost and efficiency challenges remain an impediment to wide-scale commercial implementation.

This research program is targeting a 40 per cent reduction in energy use of current capture processes in order to overcome these challenges.

Throughout the two-year program, researchers will examine the energy efficiency of CO₂ capture configurations, the effectiveness of two new solvents into which CO₂ will be absorbed, and measure the total amount of CO₂ removed.

The PICA (derived from first letters of PCC, IHI, CSIRO, AGL) research plant is 21 metres high and was built by IHI in Japan and transported to the Latrobe Valley where it will operate around the clock, capturing 150 to 200 tonnes of CO₂ each year.

Right: PICA post-combustion capture project against AGL Loy Yang brown coal-fired power station.



[Have your say](#)

Parliamentary Committees and other inquiries welcome submissions from members of the public. Committees set deadlines for submissions but are flexible, especially for those with knowledge of the wide range of topics being investigated.

Australia's Future in Research and Innovation

The Parliamentary Trade and Investment Growth Committee concluded its public hearings in Canberra on 17 March as part of the *Inquiry into Australia's Future in Research and Innovation*. The Committee is investigating how the research and innovation sector can better assist in overcoming Australia's geographic, economic, and labour challenges, with a focus on commercialisation including, how technology imports and exports could be further facilitated.

The hearing focused on university education and medical research, and intellectual property protection with the appearance of university peak bodies: Universities Australia, Group of Eight Australia, and Rural Universities Network, followed by the National Health and Medical Research Council, and IP Australia.

The Chair of the Committee, Mr Ken O'Dowd MP said, "There should be a seamless progression from research-generated innovation through to intellectual property protection and commercialisation benefiting the wider Australian community."

"Universities have an important role in creating people skilled in science, technology, engineering and mathematics who are needed to create and develop the innovative ideas necessary to drive a modern economy."

"Australia excels in medical research and the National Health and Medical Research Council (NHMRC) is a key funding agency. Much of the innovation generated through those NHMRC grants may need intellectual property protection so that the organisations and companies undertaking the research can retain the full benefits generated through their efforts," Mr O'Dowd said.

More information is available at: www.aph.gov.au/ResearchandInnovation

Or contact the committee secretariat: Phone: (02) 6277 2233 Email: jsctig@aph.gov.au

Inquiry into the Northern Australia Infrastructure Facility Bill 2016

Northern Australia Infrastructure Facility Bill 2016 proposes to establish the Northern Australia Infrastructure Facility which would provide up to \$5 billion in concessional financial assistance to infrastructure projects that promote the economic development of Northern Australia. The facility is designed to supplement State and Territory Government and private sector investment and to target projects that would be significantly delayed, or not be built, without financial assistance from the Commonwealth.

A copy of the Bill is available at:

http://www.aph.gov.au/Parliamentary_Business/Bills_Legislation/Bills_Search_Results/Result?bld=r5631

Although written submissions were due by **31 March 2016**, the committee is flexible. Guidance on preparing a submission is available on the Committee's website at www.aph.gov.au/jsdna. The preferred method of receiving submissions is by electronic format lodged [online](#) using a My Parliament account, not by email.

For inquiry information: Please contact the committee secretariat:

Phone: (02) 6277 4162 Email: jsdna@aph.gov.au Website: www.aph.gov.au/jsdna

Committee marks two decades of treaty scrutiny

With the tabling of a report on March 15, the Joint Standing Committee on Treaties (JSCOT)

marked 20 years of examining treaties on behalf of the Parliament, and making recommendations on how – or if – Australia should take binding treaty action.

Committee Chair Luke Hartsuyker MP said that it was an appropriate time to table and publish a brief history of the Committee's work. "JSCOT came into operation after years of pressure to reform the treaty making process in Australia to ensure greater openness and transparency, and was established by resolution of the parliament in May 1996, meeting for the first time on 17 June 1996," Mr Hartsuyker said.

"This report includes a history of the treaty making power in Australia, the development of the treaty making process and procedure, a summary of the Committee's work to date as well as providing some useful statistical data.

"Treaties have become increasingly complex, especially as Australians are more connected to the broader world through trade, education and migration. International agreements increasingly affect not only broad issues of state, but the actions and responsibilities of individual citizens."

The Committee also tabled its report into an agreement between Australia and Austria on social security. The proposed agreement with Austria is the latest Australian bilateral social security agreement, of which 30 have so far been ratified. These agreements have become a useful tool in simplifying social security arrangements for Australians who are increasingly spending periods of their working lives in other countries.

The Committee held a full day seminar at Parliament House on March 18 to mark the 20th anniversary. The event brought together parliamentarians, academics, public servants and members of the public to look at the effectiveness of the 1996 reforms.

The reports are available on the committee's website: <http://www.aph.gov.au/jsct> or by contacting the committee secretariat on (02) 6277 4002.

Governance in the Indian Ocean Territories

Stimulating economic activity through extra supports to tourism and improvements to land management practices are focuses of a report tabled last month by the Joint Standing Committee on the National Capital and External Territories on governance in the Indian Ocean Territories (IOT).

Committee Chair, Mr Luke Simpkins MP, said this report builds on the recommendations made in 2015 through an interim report to increase economic activity, and addresses long standing issues with service delivery and governance.

"It is well known that governance in the IOT has been subject to ad-hoc reform over the years, resulting in a unique administrative model. Many residents are dissatisfied with the delivery of services in the Territories and have identified the lack of opportunity for input as a key concern," Mr Simpkins said. "This has created frustration for both the Administrator of the Indian Ocean Territories and residents as no one has a clear understanding of the role of the Administrator or their powers to resolve problems on-island."

Mr Simpkins said the report makes 19 recommendations, the last of which is to investigate fundamental governance reform, and whether the Territories' prospects

might be better served by incorporation into an Australian mainland state or territory.

Key recommendations include:

- Establishing a Service Delivery Arrangement to facilitate access to tourism support services provided by Tourism Western Australia;
- Initiating a comprehensive geological survey on Christmas Island to inform land development and responsible water management;
- Reviewing the land trust on the Cocos (Keeling) Islands to determine legal ownership and control of all land to facilitate appropriate development;
- Implementing a formal consultation protocol and complaints handling mechanism for Service Delivery Arrangements;
- Identifying all delegated and legislated powers vested in the Administrator and maintaining the information in a register;
- Reviewing local government to determine if there is scope to streamline and amalgamate functions; and
- Seeking formal advice from the governments of Western Australia and the Northern Territory about incorporation of the IOT into their state or territory.

The report is available to download from the Committee website:

http://www.aph.gov.au/Parliamentary_Business/Committees/Joint/National_Capital_and_External_Territories/Indian_Ocean_Territories

For background information: Contact the committee secretariat on (02) 6277 4355
Email: jscncet@aph.gov.au Website www.aph.gov.au/ncet

The role of Smart ICT in the design and planning of infrastructure

A more coordinated and integrated approach to the development and application of smart ICT to infrastructure is one of the key recommendations to Government in a report released by the House of Representatives Committee on Infrastructure, Transport and Cities.

Committee Chair, Mr John Alexander MP, said the report on the role of Smart ICT in the design and planning of infrastructure revealed Smart ICT has the capacity to transform the design, construction and management of infrastructure assets, the management and use of existing assets, and the operation of transport, communications, energy and utility systems.

“These technologies are *transformational* with the capacity to dramatically increase the productivity of the Australian economy,” Mr Alexander said.

“In order to achieve this, however, governments and industry must be aware of the potential of smart ICT, and must invest in the technologies, skills and systems to make the transformation a reality.”

The central recommendation of the report is the formation of a Smart Infrastructure Task Force—based on the UK model—to provide national

coordination between governments, industry and researchers.

The Committee has also recommended that:

- The Smart Infrastructure Task Force be given responsibility for the national coordination of protocols and standards relating to infrastructure data and the development of an objects library.
- The National Archives of Australia be given the resources to oversee the development of a whole-of-government infrastructure data strategy.
- Government gives greater recognition to the capacity of new technologies and systems to enhance the operation of emergency management and disaster planning and remediation.
- Government recognizes public safety communications systems as critical infrastructure.

A copy of the report can be obtained from the committee's secretariat on (02) 6277 2352. or itc.reps@aph.gov.au or visit the [Committee's webpage](#).

Chronic Disease inquiry continues

A program and further information about the inquiry is available at:

www.aph.gov.au/chronicdisease

Inquiry information: contact the committee secretariat on: (02) 6277 4145 or visit the committee's website: www.aph.gov.au/health.

Matters of possible interest

The following snippets might be of interest – use the links to read more.

Where have the largest whale sharks gone?

http://www.aims.gov.au/docs/media/latest-releases/-/asset_publisher/8Kfw/content/24-march-where-the-largest-whale-sharks-gone-gone-

Researchers from The University of Western Australia (UWA) and the Australian Institute of Marine Science (AIMS) have raised concerns about the whereabouts of the world's biggest whale sharks.

Communications accessibility: 2016 and beyond consultation paper released

http://www.minister.communications.gov.au/mitch_fifield/news/communications_accessibility_2016_and_beyond_consultation_paper_released

The Australian Government has released a consultation paper aimed at improving communication options for Australians with disability and ensuring the sustainability of the National Relay Service (NRS).

A kilometre of cores and counting: the mighty ITRAX - ANSTO

<http://www.ansto.gov.au/AboutANSTO/MediaCentre/News/ACS090153>

The ITRAX micro X-ray Fluorescence (µXRF) core scanner which is housed in the Environmental Radioactivity Measurement Centre has now analysed more than a

kilometre of cores since it became operational.

Australian Synchrotron becomes part of the nuclear family - ANSTO

<http://www.ansto.gov.au/AboutANSTO/MediaCentre/News/ACS090189>

The Australian Nuclear Science and Technology Organisation (ANSTO), home of Australia's nuclear medicine, science, research and expertise, has welcomed a new landmark facility. The transfer of ownership of the Australian Synchrotron is expected to happen in July 2016, subject to successful negotiations with shareholders, including the Victorian Government.

The past, present and future in climate system science

<http://www.ansto.gov.au/AboutANSTO/MediaCentre/News/ACS091895>

Established in 2011, the Australian Research Council's Centre of Excellence for Climate System Science improves understanding of the Australian climate with the goal of improving the regional skills.

DATA61 and Cyber London security partnership

<https://cylonlab.com> and www.data61.csiro.au

CSIRO's Data61, the largest data innovation group in Australia, is partnering with Cyber London (CyLon), Europe's first cyber security accelerator and business incubator, to strengthen cyber collaboration between Australia and the United Kingdom.

A Memorandum of Understanding (MoU) signed this week by the two parties aims to accelerate cyber innovation in both Australia and the UK by providing expertise, resources and capital to enhance the growth of this hugely important sector, an area of strategic priority for both governments, highlighted most recently in Australia's National Innovation and Science Agenda.

Expressions of Interest sought: research projects

<http://www.rirdc.gov.au/news/2016/03/18/expressions-of-interest-sought-research-projects>

The Rural Industries R&D Corporation, on behalf of the Primary Industries Health and Safety Partnership (PIHSP), is seeking Expressions of Interest from suitably qualified and experienced individuals.

New way to harvest stem cells better for donors - CSIRO

<http://www.csiro.au/en/News/News-releases/2016/New-way-to-harvest-stem-cells-better-for-donors>

Australian scientists have developed a new method for harvesting stem cells, which is less invasive and reduces side effects for donors.

Nuclear techniques reveal 'tunability' of membranes for enhanced electrical conductivity in graphene - ANSTO

<http://www.ansto.gov.au/AboutANSTO/MediaCentre/News/ACS091166>

ANSTO research has contributed to an understanding of the ion transport mechanism in graphene, a highly electrically conductive material that has been investigated for use in flexible electronics.

Celebrating 70 years of trusted geological advice - Geoscience Australia

<http://www.ga.gov.au/news-events/news/latest-news/celebrating-70-years-of-trusted-geological-advice>

Geoscience Australia applies geoscience to Australia's most important challenges by providing geoscience information, services and capability to the Australian Government, industry and stakeholders.

Coral mortality rises in remote far north - GBRMPA

<http://www.gbrmpa.gov.au/media-room/latest-news/coral-bleaching/2016/coral-mortality-rises-in-remote-far-north>

While heavy rain and cloud cover have brought relief to much of the Great Barrier Reef from the ongoing global coral bleaching event, recent underwater surveys have detected substantial levels of coral degradation.

Asia Pacific Forum at death penalty inquiry

Information on the progress of the inquiry to date, including submissions and transcripts, are available on the website: www.apf.gov.au/deathpenalty. For all other inquiries, contact the Committee Secretary on (02) 6277 4629.

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Evidence on transport connectivity

You can read the evidence of witnesses to the current parliamentary inquiry into increased transport connectivity and economic activity held in Melbourne on March 11 Friday. They were:

- Strategic Intelligence Group (Submission 30)
- ARUP (Submission 42)
- Peri Urban Group of Rural Councils (Submission 58)
- Committee for Geelong (Submission 32)
- Hon Tim Fischer AC (Submission 52)
- Mr Peter Knight (Submission 48)
- City of Port Phillip (Submission 29)
- City of Melbourne (Submission 62)

A hearing in Canberra on March 15 took evidence from the Department of Infrastructure and Regional Development

More information on the Inquiry, including the full [terms of reference](#) and [how to prepare a submission](#) can be obtained from the Committee's website at

www.aph.gov.au/itc or from the Secretariat on (02) 6277 2352. Background information: Inquiry Secretary (02) 6277 2352 or itc.reps@aph.gov.au or visit the Committee's webpage.

Dexcom continuous glucose monitor receivers | Therapeutic Goods Administration (TGA)

<http://www.tga.gov.au/alert/dexcom-continuous-glucose-monitor-receivers>

Recall for product correction - potential for audible alarms not sounding.

Epipen 300 Microgram Adrenaline Injection Syringe Auto Injectors | Therapeutic Goods Administration (TGA)

<http://www.tga.gov.au/alert/epipen-300-microgram-adrenaline-injection-syringe-auto-injectors>

Alert - reports of expired EpiPen devices supplied in cartons.

Ian Chubb in his own words

Peter Stewart, Oral History Program Coordinator, advises members that the latest addition to Oral History Program is **Emeritus Professor Ian Chubb AC DPhil (Oxon)**, previously Vice Chancellor of the Australian National University and Chief Scientist of Australia

The website entry for Professor Chubb's interview in the Emeritus Faculty Oral History Program is available at www.anu.edu.au/emeritus The entry contains an audio file of the interview, a text synopsis, and photograph.

Make a date – or several

Diary Dates on the website

ANUEF relies on 'Google Calendar' for events listing on the ANUEF website (<http://www.anu.edu.au/emeritus/>). We will only email information directly to you for special events, or when there is a late change. The Events Calendar on our website will be updated whenever new information becomes available. All monthly collegiate lunches and public lectures (including abstracts) will be advertised on our website, the public lectures will also be advertised on the ANU Events billboard when the required information is available, and the most immediate events will appear in *Emeritus*. So, please, check out the Events box on the ANUEF website, and report any errors to anuef.events@gmail.com

Unless otherwise stated, all events are in the Molony Room (see directions below). Collegiate lunch discussions are on the first Wednesday of the month (noon for 12.30 start), and public lectures (4 - 5pm) usually, but not always, on the third Wednesday of the month.

Diary Dates

Don't forget that details of all events are available in the ANUEF website calendar; scroll down its "dates" page to find all events that have been arranged, and scroll down each item to see the abstract.

“Nights at the Opera” is an ANU Emeritus Faculty Initiative featuring the films of the late Michael Grafton-Green and will be an exciting opportunity to view operas performed and recorded at the ANU School of Music between 1995 and 2004, and recently remastered to Blu-ray. The event began with the 1995 *Così fan tutte* featuring Jaewoo Kim, Catherine Carby, Richard Anderson, Terry Den Dulk, Chris Steele and many others. Future dates and further information from Colleen Rae-Gerrard at ribbonwood31@optusnet.com.au

April 6 Collegiate lunch Professor Ken Taylor "Preparing a World Heritage nomination for the Spice (Banda) Islands"

April 20 Lecture 4pm. Professor Robert Cribb "The cultural history of the orangutan"

May 4 Collegiate Lunch. Fergus Thomson "Queen's English v Vox Populi"

June/July monthly lectures replaced by major events

June 1 Collegiate lunch - TBA

June 15 Symposium - Research in Retirement Projects (organiser: Ian Keen) You are invited to contribute a presentation on your current or recent research at the Projects Symposium (formerly "Research in Retirement") day. Please send a title and short abstract to Ian Keen at Ian.Keen@anu.edu.au. Thirty minutes will be allocated for each presentation. If you need slides please prepare a Powerpoint presentation.

June 24 Annual Dinner in University House Great Hall (organiser: Jim Fox) Annual Lecture(s) - (organisers: Jim Fox, Larry Saha, Colin Steele.

Meet the authors

For details of Colin Steele's "Meet the Authors" series go to

<http://www.anu.edu.au/events/anuthe-canberra-times-meet-the-author-series>

April 12 Henry Reynolds 6.30pm-7.30pm <http://www.anu.edu.au/events/anuthe-canberra-times-meet-the-author-event-with-henry-reynolds>

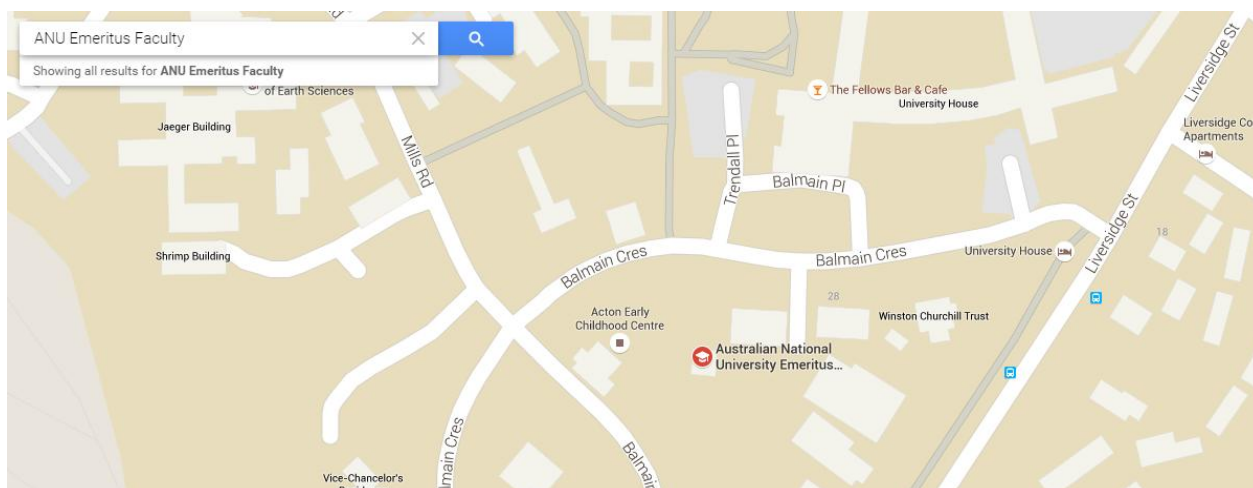
April 19 Sarah Ferguson 7pm-8pm <http://www.anu.edu.au/events/anuthe-canberra-times-meet-the-author-event-with-sarah-ferguson>

Meet the author inquiries: Colin Steele Ph: 02 6125 8983 or colin.steele@anu.edu.au

Finding the Molony Room

The Molony Room is on the south side of Balmain Crescent almost opposite University House. It is building 1c on <http://campusmap.anu.edu.au/displaymap.asp?grid=cd32>, set back between No 22 Balmain Crescent, which is the Acton Early Childhood Centre, and No 26 Balmain Crescent, which is the Academy of the Social Sciences. There are four free car parking spaces reserved for ANUEF members visiting the Molony Room, they are in the Balmain Lane Car Park immediately south of the Molony Room. The room is marked on:

<https://maps.google.com.au/maps?q=ANU+Emeritus+Faculty&hl=en&ll=-35.284925,149.117078&spn=0.003402,0.006947&sll=-31.203405,135.703125&sspn=59.04012,113.818359&t=h&hq=ANU+Emeritus+Faculty&z=17>



Arrangements for ANUEF room bookings

Requests for booking the Molony Room should be addressed to Secretary of the ANU Emeritus Faculty Jan O'Connor at jantancress@gmail.com or Tel: 6247 3341

These will be forwarded to the committee for approval, and then entered into the diary. A return email will be sent to the organisation confirming the booking. The diary is held in the office. Conditions for the use of the premises will be emailed to users and a copy is on the ANUEF website.

Supporters of **ANU Archives** can find updated news on the ANU website at <http://www.archives.anu.edu.au/news-and-events-1>

The next edition of *Emeritus*, the ANUEF Newsletter, will be published in May, 2016.