

EMERITUS

The Australian National University Emeritus Faculty e-magazine

Vol. 10 | No. 9, October, 2019

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ANU data-breach report made public

The Vice-Chancellor of the ANU, Professor Brian Schmidt AC, has released the report into the data breach at the University. He writes:

You will recall when I notified you in June this year that we had been the victims of a data breach I promised to release the findings of the investigation we were conducting into the incident.

[That report is now [available](#) here and at the end of this report.]

To my knowledge, this is the first publicly available report of its kind in Australia and it contains valuable lessons, not just for ANU but for all Australian organisations that are increasingly likely to be the target of cyber attacks.

Our forensic investigation found the data breach was the work of a highly sophisticated actor using a targeted 'spearphishing' email that did not require the affected staff member to download an attachment or click on the link. It's shocking in its sophistication.

The investigation also found that while we cannot confirm exactly what data was taken, we know it was much less than the 19 years' worth we originally reported.

To date, we've found no evidence personal data has been misused and we are continually monitoring this situation.

The report outlines the lessons for ANU and what we are doing to further protect our systems. But we have to strike a balance and this report cannot be an instruction manual for would-be hackers to launch another attack. I have asked for this report to be as transparent as is allowable to ensure our community is well-informed, but not so that criminals are armed with information that compromises our systems or that of another organisation.

My intention is for this report to provide answers to a lot of your questions, but I encourage the ANU community to take a keen interest in our cyber security. Therefore, our Chief Information Security Officer will be holding a series of town halls where you can ask more questions. Details of those town halls will be circulated shortly. We have also updated the FAQs on the website.

Finally, and most importantly, I wish to apologise to you, the victims of this data breach. We are working constantly to ensure the protection of the data you entrust us with; and are investing heavily in measures to reduce the risks of this occurring again. However, we must all remain vigilant and follow the advice of security experts to protect our personal information.

<https://www.anu.edu.au/news/all-news/data-breach>

ANUEF and the future of the Great Barrier Reef

Will the Great Barrier Reef still exist in 2050? is the question posed for the annual ANU Emeritus Faculty lecture on **October 15 at 6 pm in the China in the World lecture theatre** to be given by Professor Terry Hughes. He will be introduced by former ANU Vice-Chancellor, Professor Ian Chubb, now Chair of the Great Barrier Reef Independent Experts Panel.

Anthropogenic global heating has emerged as a major driver of the trajectory of the world's coral reefs. In 1998, 2002, 2016 and 2017, the Great Barrier Reef was affected by mass bleaching and death of corals due to high temperature extremes. The level of heat exposure along the length of the Reef, quantified from satellites, is closely linked to the severity of bleaching, mortality, and to unprecedented shifts in the mix of coral species. In the aftermath of the two latest episodes of mass bleaching and mortality, coral replenishment in 2018 has declined in proportion to reef-scale losses of adult brood stock. Coral cover today is the lowest we've ever measured since records began. A dramatic shift is already underway throughout the tropics, as coral reefs transition to new configurations in response to global heating. The Great Barrier Reef is likely to survive climate change if global average temperatures are constrained to 1.5-2 degrees centigrade above pre-industrial levels, but it is already a very different system. Returning coral reefs to past configurations is no longer an option. Instead, the global challenge is to steer reefs through the Anthropocene in a way that maintains biological functions. Navigating this transition successfully will require radical changes in coral reef science, management, and governance.

Professor Terry Hughes is Director of the Australian Research Council (ARC) Centre of Excellence for Coral Reef Studies at James Cook University, Australia. His research focuses on the linkages between the ecology of reefs and their importance for societies and economies. He is known for research on the global coral bleaching event caused by climate change. *Nature* dubbed him "Reef sentinel" for the global role he plays in applying multi-disciplinary science to securing reef sustainability.

University funding growth linked to job-ready graduates

Graduate employment outcomes will be the most important factor under the performance-based funding model for universities that was finalised earlier this month, according to a statement made by Minister for Education Dan Tehan.

The Federal Government will provide additional funding for universities through the Commonwealth Grant Scheme (CGS) in line with the population growth of the 18-64 year old cohort and performance under the performance-based funding model.

Performance will be assessed across four measures: graduate employment outcomes, student success, student experience, and participation of Indigenous, low socio-economic status, and regional and remote students. Graduate employment outcomes will account for 40 per cent of funding, with the other three measures weighted at 20 per cent each.

Starting in 2020, performance-based funding will determine more than \$80 million in CGS funding, growing over following years to 7.5 per cent of CGS for domestic non-medical bachelor level students at public universities.

The Minister thanked the higher education sector, particularly the expert panel chaired by University of Wollongong Vice-Chancellor Professor Paul Wellings CBE, for their leadership in the development of the model.

"Our Government is providing record funding to universities of more than \$17 billion this year," he said. "This includes access to around \$7 billion of funding a year through the Commonwealth Grant Scheme driven by their ability to attract and retain students.

"The performance-based funding model that has been finalised makes an explicit link between funding and one of the key goals of every university: to produce job-ready graduates with the skills to succeed in the modern economy. The productivity gains from improving graduate employment outcomes and lifting completion rates are worth an estimated \$3.1 billion a year by 2030.

"Importantly, our model is not punitive. Where a university does not meet its performance target it will be supported to improve its performance. This uniquely Australian funding model will allow for adjustments to shifting national priorities and changes to the higher education landscape over time. We will continue to ensure the model is fit for purpose with reviews scheduled in 2020 and 2023."

Professor Wellings said, "The performance-based funding scheme creates a new horizon for growth while placing a spotlight on institutional performance. This new Australian scheme is distinctive as every university will receive support to encourage performance improvement and the sharing of best practice across the whole sector."

Universities Australia Chief Executive Catriona Jackson said universities had worked with Government to negotiate the complex scheme. "We thank the Minister for his consistent reaffirmation that the intent of the scheme is not to be punitive – but rather seeks to support all universities to perform highly," she said.

"Australians can be very proud of the quality and performance of our world-class university system, which produces career-ready graduates, with strong student satisfaction, equity and success. We know prevailing economic conditions are the strongest determinant of jobs across the economy, and job prospects for graduates follow the curve of that trajectory very closely.

“We appreciate the Government’s understanding of that relationship and the need for a strong economy as the single most powerful factor that shapes whether our graduates can find work.”

Fellowship awarded

Professor Robert (Bob) Costanza has been elected a Fellow of the Academy of Social Sciences in Australia, for his work related to public policy. Professor Costanza, who is a Vice-Chancellor's Chair in Public Policy at the ANU Crawford School of Public Policy, has been recognised for 'scholarly distinction in research or the advancement of social sciences'.

He joins other ANU academics who have previously been inducted into the Academy that include Professor Xuemei Bai, Professor Bruce Chapman, Professor Quentin Grafton, Professor Joan Beaumont, Professor Frank Bongiorno, Professor Margaret Jolly and Professor Kim Rubenstein.

"It is a great honour being elected a Fellow," Professor Costanza says. "It's a recognition of my work and the opportunity to interact with other eminent academics across a range of disciplines that I would not otherwise have had."

The recognition boosts the Crawford School's already substantial representation in the Academy.

Professor Costanza, whose areas of expertise span a range of disciplines, has been bridging disciplines to study humans and the rest of nature from a holistic perspective.

"Hopefully, I can help integrate across the many disciplines represented in the academy," he says. "I'd like to thank my sponsors from the Academy - Bruce Chapman, David Stern, and Quentin Grafton - and also Tom Kompas, former director of the Crawford School, who was instrumental in bringing me to ANU, and my colleague and co-author, Ida Kubiszewski.

"But really I thank all the faculty at Crawford, Fenner and ANU in general. It's a great and inspiring place to work."

Invitation to join ANU’s Inclusive Orchestra

The Australian National University (ANU) is launching a new inclusive orchestra that will be open to all students, alumni and gifted school-age musicians. ANU School of Music head, Associate Professor Kim Cunio, hopes to unearth new talent and train contemporary classical musicians.

"We want to re-imagine what an orchestra is," he said. "For many people an orchestra is aloof and elitist and we are trying to say that it is not the case. We want to make orchestras contemporary and accessible. We are making this orchestra available to any ANU student, regardless of their background as long as they can play well. It is for people who have talent and we will train them. My vision beyond this orchestra is to train a different kind of musician with a larger social awareness and conscience."

Indigenous, intercultural and technological elements will be included alongside the traditional classical repertoire training.

Any current ANU student or recent ANU graduate who is a good musician can join.

"This will be an orchestra that will bring the whole university together," Associate Professor Cunio said. "Sometimes the best musicians are lost to music. For instance, we have students

doing medicine and law or studying in many other faculties who have the talent to play in an orchestra. We want to welcome them to play alongside our School of Music students."

The new ANU orchestra will work closely with the Canberra Symphony Orchestra. Auditions for the training orchestra, led by Canberra's noted conductor Max McBride, will begin in November with a performance season planned for next year.

Seasoned Canberra Symphony Orchestra players will also be mentoring and performing alongside newer ANU musicians.

"This orchestra will break some of the boundaries of what high art is for people," Associate Professor Cunio said. "It is also a great way to celebrate the ANU School of Music and the central place it has as a provider of music for Canberra and its community."

Human Rights Commission suggests amendments

While supporting much of the draft Religious Discrimination Bill, the Human Rights Commission urges that the Bill be amended to avoid limiting other human rights and overriding existing anti-discrimination laws. The Commission says in a recent statement it supports reform to improve protections against religious discrimination for all people in Australia.

"The Commission has advocated for more than 20 years for a Bill to protect against religious discrimination," said Commission President Rosalind Croucher. "Australia is a tolerant, pluralistic society and it is right that we provide the same level of protection against religious discrimination as we do against discrimination on the grounds of race, sex, disability and age. However, it is important that our laws do not give preference to one human right over others."

The draft Religious Discrimination Bill would fill gaps in Commonwealth law and provide enforceable protections against religious discrimination in employment, education, the provision of goods and services, and other areas of public life.

In its detailed submission to the Attorney-General's department, the Commission identifies some problems with the Bill. For example, the Bill would allow people to make a statement of belief even if the statement would otherwise be discriminatory on the basis of a person's race, sexual orientation, disability or other protected attribute.

"Human rights are for everyone. They are indivisible and universal," said Human Rights Commissioner Edward Santow. "Our law should not permit discriminatory religious statements to override all other Australian anti-discrimination laws."

The Bill also would extend protection against religious discrimination to corporations.

"Human rights protect innately human characteristics, and so our human rights law has only ever protected humans. It would be inconsistent with international law to allow corporations to sue people for religious discrimination," Commissioner Santow said.

The Commission's submission also raises concerns about provisions in the draft Bill dealing with codes of conduct by large employers, and conscientious objections by medical practitioners. Unlike other discrimination law, these provisions prejudge the assessment of what is reasonable in the circumstances by deeming some kinds of conduct not to be reasonable.

“Removing the few highly problematic provisions of the Bill would make it consistent with other Commonwealth discrimination law, while giving strong protection against religious discrimination,” Commissioner Santow said.

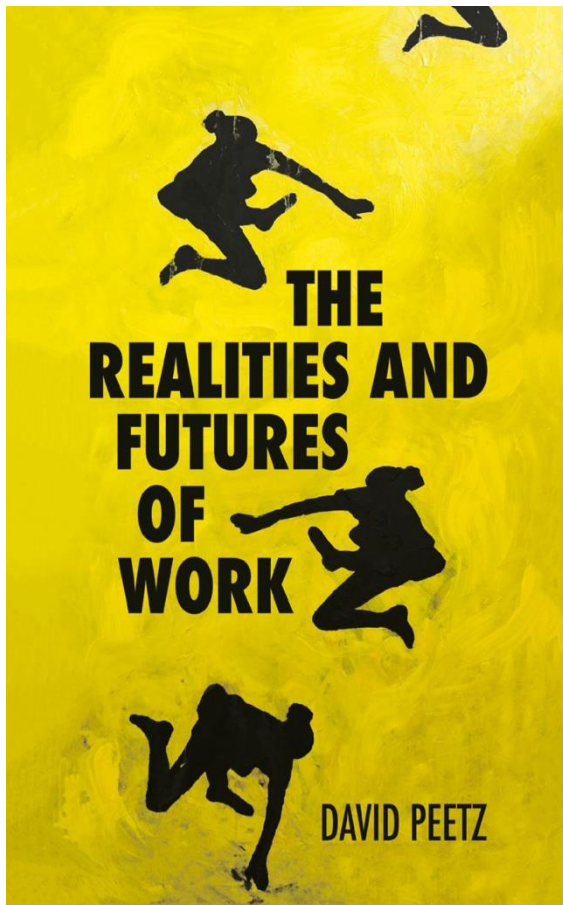
The Commission’s submission to the Attorney-General’s Department is at

<https://www.humanrights.gov.au/our-work/legal/submission/religious-freedom-bills>

Bookshelf Bookshelf Bookshelf Bookshelf

The Realities and Futures of Work

by David Peetz



ISBN (print - rrp: \$55.00):9781760463106

ISBN (online):9781760463113

ANU Press

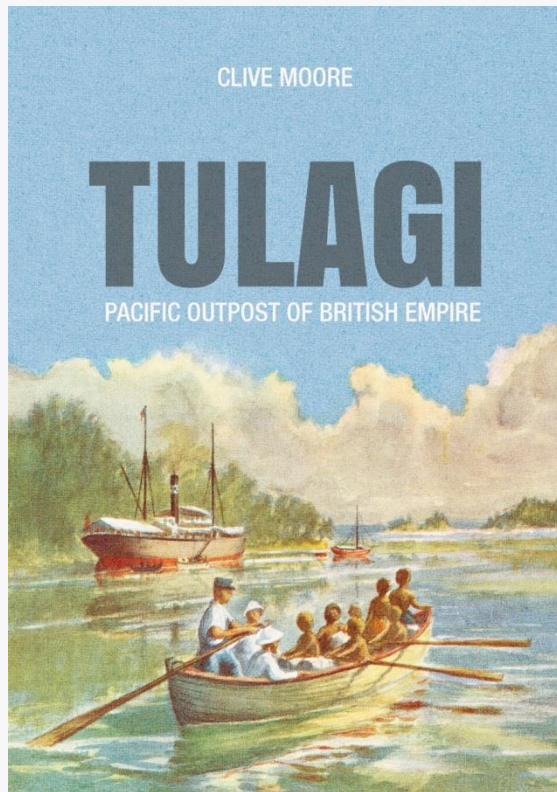
DOI: <http://doi.org/10.22459/RFW.2019>

What do we know about the current realities of work and its likely futures? What choices must we make and how will they affect those futures? Many books about the future of work start by talking about the latest technology, and focus on how technology is going to change the way we work. And there is no doubt that technology will have huge impacts. However, to really understand the direction in which work is going, and the impact that technology and other forces will have, we need to first understand where we are.

This book covers topics ranging from the ‘mega-drivers of change’ at work, power, globalisation and financialisation, to management, workers, digitalisation, the gig economy, gender, climate change, regulation and deregulation. In doing this, it refers to some of the great works of science fiction. It demolishes several myths, such as that the employment relationship is doomed, that we are all heading to becoming ‘freelancers’ or that the death of unionism is inevitable. *The Realities and Futures of Work* provides a realistic basis for thinking about both the present and the future. It emphasises the choices we make, and the implications of those choices for the future of work.

Tulagi: Pacific Outpost of British Empire

By Clive Moore



ISBN (print): 9781760463083

ISBN (online): 9781760463090

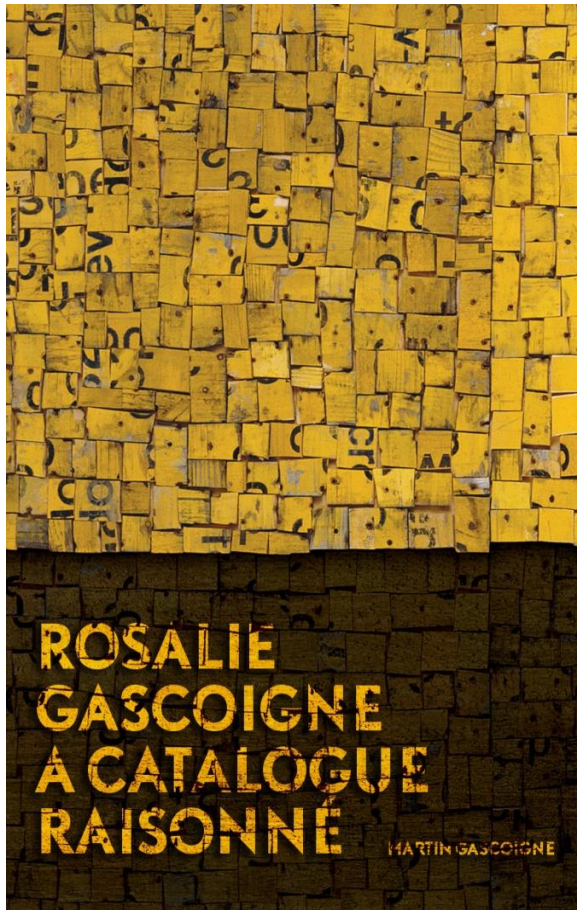
ANU Press.

DOI: <http://doi.org/10.22459/T.2019>

Tulagi was the capital of the British Solomon Islands Protectorate between 1897 and 1942. The British withdrawal from the island during the Pacific War, its capture by the Japanese and the American reconquest left the island's facilities damaged beyond repair. After the war, Britain moved the capital to the American military base on Guadalcanal, which became Honiara.

The Tulagi settlement was an enclave of several small islands, the permanent population of which was never more than 600: 300 foreigners—one-third of European origin and most of the remainder Chinese—and an equivalent number of Solomon Islanders. Thousands of Solomon Islander males also passed through on their way to work on plantations and as boat crews, hospital patients and prisoners.

The history of the Tulagi enclave provides an understanding of the origins of modern Solomon Islands. Tulagi was also a significant outpost of the British Empire in the Pacific, which enables a close analysis of race, sex and class and the process of British colonisation and government in the late nineteenth and early twentieth centuries.



ISBN (print – rrp \$175.00):
9781760462345

ISBN (online): 9781760462352

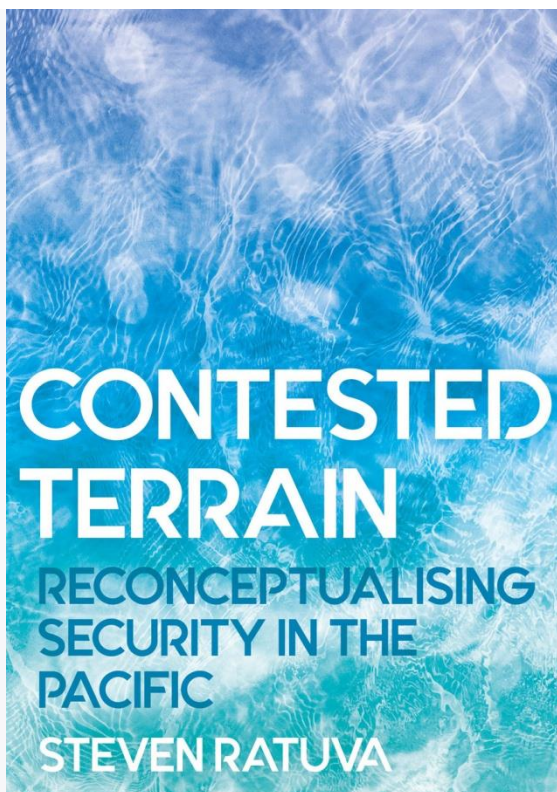
DOI: <http://doi.org/10.22459/RG.2019>

Rosalie Gascoigne: A Catalogue Raisonné

by Martin Gascoigne

Rosalie Gascoigne (1917–1999) was a highly regarded Australian artist whose assemblages of found materials embraced landscape, still life, minimalism, *arte povera* and installations. She was 57 when she had her first exhibition. Behind this late coming-out lay a long and unusual preparation in looking at nature for its aesthetic qualities, collecting found objects, making flower arrangements and practising ikebana. Her art found an appreciative audience from the start. She was a people person, and it pleased her that through her exhibiting career of 25 years, her works were acquired by people of all ages, interests and backgrounds, as well as by the major public institutions on both sides of the Tasman Sea.

- Read also the *ANU Reporter* article: [Art in road signs](#).
- And *The Canberra Times* article: [Assembling Rosalie Gascoigne's catalogue](#).



ISBN Print – rrp: 9781760463199

ISBN (online):9781760463205

DOI: <http://doi.org/10.22459/CT.2019>

***Contested Terrain:
Reconceptualising Security in
the Pacific***

by: Steven Ratuva

Contested Terrain provides a cutting-edge, comprehensive and innovative approach to critically analysing the multidimensional and contested nature of security narratives, justified by different ideological, political, cultural and economic rationales. This is important in a complex and ever-changing situation involving a dynamic interplay between local, regional and global factors. Security narratives are constructed in multiple ways and are used to frame our responses to the challenges and threats to our sense of safety, wellbeing, identity and survival but how the narratives are constructed is a matter of intellectual and political contestation. Using three case studies from the Pacific (Fiji, Tonga and Solomon Islands), *Contested Terrain* shows the different security challenges facing each country, which result from their unique historical, political and socio-cultural circumstances. Contrary to the view that the Pacific is a generic entity with common security issues, this book argues for more localised and nuanced approaches to security framing and analysis.

Matters of possible interest

Video games join the NFSA collection

Game Masters: The Exhibition is now open at the NFSA. To mark the launch of this latest exhibition, the National Film and Sound Archive has announced that it will start collecting and preserving Australian video games. CEO Jan Müller says it would be impossible to accurately represent modern life in Australia without games. “It is essential that games be collected alongside other audiovisual media, to ensure their continued preservation and access,” she said.

An initial list of eight games has been selected for preservation. They range from 1982 to 2019, across all platforms - from cassette tape to mobile devices and virtual reality headsets: *The Hobbit* (1982), *Halloween Harry* (1985/1993), *Shadowrun* (1993), *L.A. Noire* (2011), *Submerged* (2015), *Hollow Knight* (2017), *Florence* (2018), and *Espire 1: VR Operative* (2019).

For more information paste in browser: <https://www.nfsa.gov.au/>

Migraine sufferers

Hundreds of thousands of Australians are needlessly enduring days of agony because they don't know how to prevent migraines, researchers from The Australian National University have found. Once diagnosed migraines can be effectively managed. But the researchers say sufferers don't recognise the symptoms and so don't seek the right treatment.

The study is published in [*Springer Nature Comprehensive Clinical Medicine*](#).

Anti-diabetic drugs

Anti-diabetic drugs may become cheaper and more accessible thanks to a breakthrough from CSIRO. Scientists from CSIRO's Synthetic Biology Future Science Platform have used advanced biological and chemical engineering to create a simpler, cleaner, and more cost-effective process for manufacturing the anti-diabetic drug D-fagomine. Type 2 diabetes is one of the greatest global health challenges, with more than 350 million people living with the condition.

For more information, paste in browser: events.announcements@csiro.au

ANU's 75th anniversary plans

The Australian National University is gearing up to mark the 75th anniversary of its founding, which takes place on 1 August, 2021. A new project called ANU75 is being launched to commemorate this anniversary, collecting stories and information from across campus that relate to the University's more recent history from the 1990s to the present day. To contribute or for more information contact Project Coordinator Dr Daniel Oakman, from the School of History at the ANU Research School of Social Sciences, ph. 6125 2722 or email Daniel.Oakman@anu.edu.au.

Diary Dates Craig Reynolds is coordinator of ANUEF's Events' Diary (creynolds697@gmail.com also Craig.Reynolds@anu.edu.au).

October 15 at 6 pm The annual ANU Emeritus Faculty lecture: ***Will the Great Barrier Reef still exist in 2050?*** by Professor Terry Hughes. Venue: *The China in the World lecture theatre*. Introduction by former ANU Vice-Chancellor, Professor Ian Chubb, now Chair of the Great Barrier Reef Independent Experts Panel.

December 11 ANUEF annual general meeting.

Meet the author

October 16, The Stage. Llewellyn Hall. ANU. **Paul Kildea**, Artistic Director of Musica Viva, will give an illustrated lecture, with piano accompaniment, on his internationally acclaimed book, *Chopin's Piano: A Journey Through Romanticism*. Bookings at anu.edu.au/events or 6125 4144.

October 29, **William Dalrymple** will be in conversation with **Meera Ashar** on William's new book *The Anarchy* on the history of the East India Company. **Claudia Hyles** will give the vote of thanks.

November 5, **Dr Karl Kruszelnicki** AM will take attendees on *Dr Karl's Random Road Trip Through Science*. The vote of thanks will be given by **Graham Durant**.

November 7, **Tony Jones** will be in conversation with **Mark Kenny** on Tony's new political thriller *In Darkness Visible*. The vote of thanks will be given by **Sally Pryor**

November 15, **Archie Roach** will be in conversation with **Christopher Sainsbury** on Archie's memoir, *Tell Me Why: The Story of My Life and My Music*. Llewellyn Hall.

November 20, **Andrew Leigh** will be in conversation with Professor **Brian Schmidt** AC on Andrew's new book with co-author Joshua Gans, *Innovation + Equality*.

November 25, **Ross Garnaut** AC will be in conversation with **Frank Jotzo** on Ross's new book *Superpower*.

November 27, **Blanche D'Alpuget** will be in conversation with **Frank Bongiorno** on Blanche's *Bob Hawke. The updated biography*. Vote of thanks by **John Kerin**

December 3, **Peter Hartcher** will be in conversation on Peter's new Quarterly Essay, *China's Power and Australia's Future*.

December 8, Annabel Crabb and Leigh Sales in Association with Chat 10/Looks 3.
Llewellyn Hall. **Booked out.**

Bookings at:

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

For further Meet-the-Author information, contact Colin Steele, Emeritus Fellow,
ANU College of Arts and Social Sciences

Ph. 6125 8983 or by email: colin.steele@anu.edu.au

Administration

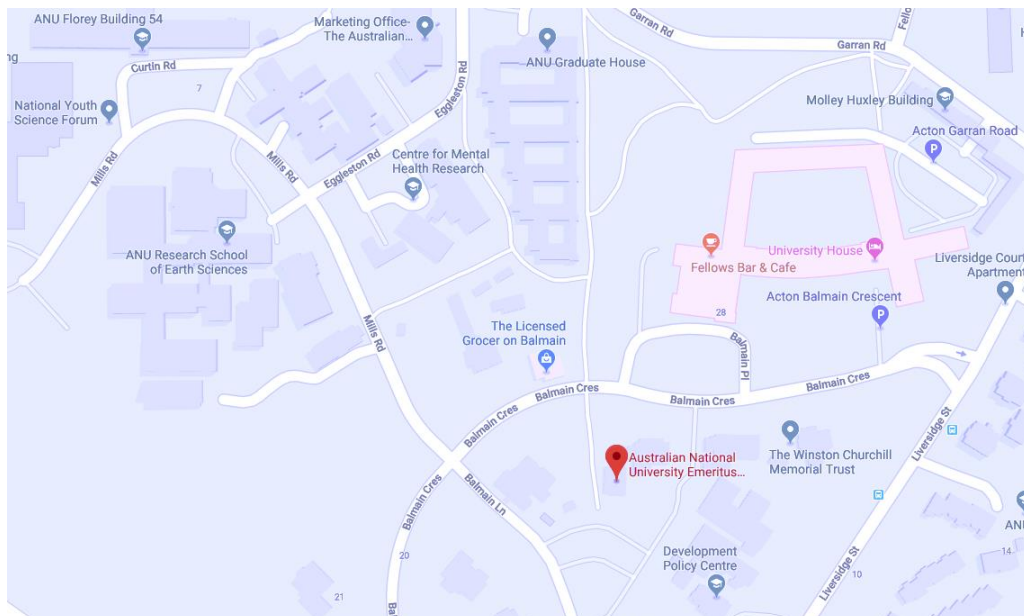
Arrangements for ANUEF room bookings

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

Finding the Molony Room

The Molony Room is at 24 Balmain Crescent, on the south side of Balmain Crescent almost opposite University House.

It is Building 1c on <https://tinyurl.com/yckuknbj> 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 in the Balmain Lane Car Park immediately south of the Molony Room. The room is marked on: <https://tinyurl.com/y7gsyqgh>



The next edition of *Emeritus*, the ANUEF e-magazine, will be published in November, 2019

