

EMERITUS

The Australian National University Emeritus Faculty e-magazine

University leaders call for 'urgent' investment in sector

It was "more urgent than ever" that Australia invest in university teaching, learning and research capability, University Australia and the University Chancellors Council said when issuing a blueprint for the future of higher education.

The call was made earlier this month when the two bodies issued *Built on Bright Ideas*, their policy platform that they say sets out a path for the university sector to "play its fullest role in helping solve the nation's biggest challenges and secure Australia's future".

The policy proposals are set out in a 12-page booklet that calls for greater access to university education, a sustainable research policy and funding system, more effective incentives to commercialise research, enhanced global connections, and a commitment to lifelong learning for all Australians.

The Chair of Universities Australia, Professor John Dewar AO, said universities, in partnership with government, industry and the community, stood on the frontline of cutting-edge innovation and expertise.

"Our sector is a highly valuable national asset," he said. "We know that before the pandemic universities contributed \$41 billion to the economy and supported 256,100 jobs.

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“Vice-Chancellors and Chancellors agree, it’s more urgent than ever that we invest in university teaching, learning and research capability.

“We must equip people with the education and skills they will need for their future. This will deliver the best and brightest people our economy needs. It will also support the ideas and breakthroughs from which Australians will benefit.

“We must resolve how we create a sustainable research system so universities can help business invest in bringing Australia’s brightest ideas to the world.

“When Australians have the opportunity to engage with universities, our perspectives are enriched and our store of knowledge grows. The sum of this makes us, our communities and our nation better off,” Professor Dewar said.

The Convenor of the University Chancellors Council, Mr John Stanhope AM, Chancellor of Deakin University, stressed the importance of ensuring that people were able to access a university education.

“We must do everything we can to make sure Australians residing in urban areas and our regions have access to high-quality education to develop the skills they need for the labour market of today and tomorrow,” Mr Stanhope said.

“There is still a considerable attainment gap between regional and metropolitan areas. We are committed to solving this problem, especially since regional universities are critical to supporting new industries and serving their local communities.”

The Chief Executive of Universities Australia, Catriona Jackson, said the forthcoming election represented a critical juncture for Australia’s universities.

“Our universities are the engine rooms of the economy and we must ensure Australian universities are in a strong position today so they can maximise their contribution,” Ms Jackson said.

In its discussion, *Built on Bright Ideas* points out that over the past 30 years, every dollar spent on university research and development had led to \$5 growth in the economy.

Government had made a critical contribution university R&D over several decades, but it was important at least to maintain this investment to ensure that this work continued contributing to Australia’s prosperity.

In 2018-19, however, total government investment in university R&D as a proportion of GDP was the lowest in four decades, the document argues.

“While the quality of our university research is world-renowned, as a nation we can do more to connect our industries to the great ideas inside our universities,” it says.

“This must be a long-term agenda, where the nation’s industries see university collaboration as ‘business as usual’.”

The full *Built on Bright Ideas* policy document can be downloaded at <https://www.universitiesaustralia.edu.au/wp-content/uploads/2022/04/Built-on-Bright-Ideas.pdf>

ASTRO 3D Director called to US to head Center for Astrophysics

ANU astronomer Professor Lisa Kewley, Director of ASTRO 3D, the \$40 million Australian Research Council Centre of Excellence at ANU's Mt Stromlo Observatory, has been named Director of the Center for Astrophysics | Harvard & Smithsonian (CfA).

Her appointment begins from 1 July. She will be the first woman and the first Australian to lead the CfA. Professor Kewley is regarded as a world leader in the theoretical modelling and the observation of star-forming and active galaxies. ASTRO 3D's research seeks to understand the evolution of matter, light and the elements, from the Big Bang to the present.

As head of the CfA, Professor Kewley will oversee 800 staff in nine major scientific facilities and institutions, including the Fred Lawrence Whipple Observatory in Arizona, the Submillimeter Array in Hawaii and NASA's Chandra X-ray space telescope. She will build Chandra's successor, the next NASA-funded X-ray telescope.

In an interview with the *Canberra Weekly*, Professor Kewley said her appointment was "a tremendous honour". "It's a really amazing time to be doing astronomy," she said.

She believes that in the coming decade the next generation of telescopes—such as Australia's Square Kilometre Array (SKA), the world's largest radio telescope, or the Extremely Large Telescope, the world's biggest optical/near-infrared extremely large telescope, in Chile—will lead to important discoveries.

She thinks they will "reveal a window to the universe that we haven't been able to look at before". Scientists might discover what happened right after the Big Bang, or identify which extrasolar planets are likely to hold life.

Professor Kewley is a professor of astronomy and astrophysics at ANU and an Australian Research Council Laureate Fellow. She studied science at the University of Adelaide, obtained her doctorate in astrophysics from the ANU, then went to the CfA for three years, working on the formation and evolution of stars. She is a former NASA Hubble Fellow, an international member of the (US) National Academy of Sciences and a Fellow of the Australian Academy of Sciences.

"Professor Kewley's appointment is a source of excitement for the Center for Astrophysics, the Harvard College Observatory, the Department of Astronomy and the broader Smithsonian and Harvard communities," said Claudine Gay, Edgerley Family Dean of the Faculty of Arts and Sciences at Harvard.

"A versatile and visionary scientist, a dedicated and inspiring teacher and mentor and an exemplary colleague, community builder and institutional citizen, Kewley will undoubtedly build astronomy and astrophysics at Harvard to further strength and distinction and provide an even more important resource for scientific inquiry. We are truly delighted that she is joining our academic community."

First Nations artist, scholar, to hold Harvard Australian Studies chair

Professor Brenda L Croft, a leading First Nations multidisciplinary artist and scholar from ANU, will hold the Gough Whitlam and Malcolm Fraser Chair of Australian Studies at Harvard University for the 2023-2024 academic year. She will be the inaugural First Nations woman academic to take up the role.

Professor Croft, who is based in the Centre for Art History and Art Theory, School of Art and Design at the ANU College of Arts and Social Sciences, is from the Gurindji/Malngin/Mudburra peoples from the Victoria River region of the Northern Territory, and has Anglo-Australian, Chinese, German and Irish heritage.

At Harvard Professor Croft will split her teaching and research between the Department of History of Art and Architecture and Department of Art, Film, and Visual Studies, while also working with colleagues in the Harvard University Native American Program and outside the university.

Her teaching and research will involve Australian and international First Nations creative practices, drawing upon her extensive multidisciplinary academic, artistic and curatorial research engagement in Australia and overseas, where she has been a leader for almost four decades.

“It is an incredible privilege to be awarded this position, alongside Professor Katie Holmes from La Trobe University,” Professor Croft said.

Opportunity to extend, develop networks

“I am extremely honoured to be based at such a prestigious centre of learning, research and teaching and am thrilled to be able to share my experience as an Australian First Nations multidisciplinary creative practitioner with students and leading scholars from around the world,” she said.

“Additionally, the opportunity to extend and further develop networks with Native American/First Nations colleagues in their homelands is exciting and I hope that the connection between Harvard and the ANU will continue after my tenure.”

The Dean of the ANU College of Arts and Social Sciences, Professor Rae Frances, said it was an “extraordinary honour” for Professor Croft and the ANU.

“We are especially proud to be represented by such a talented Indigenous scholar whose work will do much to communicate the rich culture and history of Australian First Nations people to a US audience,” Professor Frances said.

The Gough Whitlam and Malcolm Fraser Chair in Australian Studies was established by a gift from the Australian Government to Harvard in 1976, in commemoration of America's Bicentennial. It aims to bring distinguished visiting scholars from a range of fields to Harvard.

From “clever ideas’ to ‘global giant’: US acquisition transforms ANU-backed firm

Instaclustr, a Canberra-based company incubated at The Australian National University, is set to be acquired by NetApp, one of the world's largest software companies. The acquisition was announced in early April.

Instaclustr provides cloud-based Internet solutions that allow companies to store and use large volumes of data to power their apps and products. This includes online streaming services, app stores, social media and ride-sharing companies.

The company, led by CEO and co-founder Peter Lilley, was created in a shared innovation space on the ANU campus in 2013 and now employs more than 300 people. One of Canberra's largest tech firms, Instaclustr counts Fortune 500 companies among its customers. Two of the co-founders are ANU graduates.

NetApp said Instaclustr was the “leading industry platform” for open-source data management and workflow.

The ANU Vice-Chancellor, Professor Brian Schmidt, said NetApp's acquisition “transforms a local company into a global giant”. The move was “massive for ANU, it's massive for Canberra, it's massive for Australia and it's massive for every university across our nation. Most of all, it is massive for Instaclustr,” he said.

Universities ‘creating jobs, industries for tomorrow’

“The acquisition of Instaclustr, which started out with some clever ideas in a co-working space on the ANU campus, by one of the world's leading software companies demonstrates how our universities are creating the jobs, products and industries of tomorrow today.

“The company's cloud-based, open-source offerings help power solutions millions of people use every single day and Instaclustr's solutions are called upon the world over. It's fantastic to see the company truly going global,” he said.

Instaclustr CEO Peter Lilley said data management technology platforms were an increasingly essential priority for modern enterprises as companies looked for ways to accelerate application development to gain competitive advantage.

“Instaclustr delivers fully managed open-source solutions that give companies increased productivity and reduced cost,” he said.

Instaclustr is a portfolio company of ANU Connect Ventures, a seed investment fund jointly owned by ANU and Spirit Super. ANU Connect Ventures led the seed round of funding for Instaclustr in 2014, committing more than \$8.5 million to the company since then.

Professor Schmidt said ANU was one of the first universities in the world to establish a venture capital fund that was focused on commercialising the institution's discoveries and inventions.

Go8 calls for government 'capability charter'

The Group of Eight leading research universities has proposed that an incoming government should adopt a “sovereign capability charter” to ensure that essential skills, supply chains and research capacity are accounted for within financial and timeline parameters before major infrastructure projects are announced.

Such a charter would ensure that Australia could meet the workforce requirements necessary to succeed in an increasingly complex, technology-driven and rapidly moving international environment, Go8 Chief Executive Vicki Thomson said after the federal Budget was brought down on 29 March. Almost all the major initiatives announced in the Budget would require robust and well-funded universities to educate the graduates required.

“As industry well knows, Australia is already facing skills shortages in a number of areas central to the government’s growth agenda: engineering, professional services, health, AI, cybersecurity, logistics and procurement,” she said.

“The Go8 is core to Australian capacity and sovereign capability now and into the future because the services they provide underpin the professional workforce and knowledge needs of a prosperous 21st century economy. There is no point announcing key infrastructure and defence projects without adequate consideration being given to who and what mix of skills is required so they can be delivered.”

Infrastructure Partnerships Australia has estimated that labour workforce needs will be at 140 per cent of current levels by the end of 2023 for rail, 195 per cent of current levels by the end of 2024 for social infrastructure, 150 per cent by the end of 2024 for roads, and 260 per cent of current levels by the end of 2023 for general infrastructure if it is to deliver on major projects already in the pipeline.

Group of Eight (Go8) universities undertake 70 per cent of Australian university research activity and graduate 110,000 students each year, including more than 60 per cent of medical and 42 per cent of engineering graduates.

UA welcomes focus on 'drivers of growth'

It was encouraging to see the 2022-23 federal Budget invest in “drivers of growth, balancing the need to grow the economy with fiscal discipline,” the Chief Executive of Universities Australia, Catriona Jackson, said in UA’s Budget response.

Record low unemployment opened the way to wage growth but this needed to be supported by lifting the nation’s productivity, she said. In this, the university sector was “pivotal to Australia’s productivity and central to a modern, future-proof economy.”

“Before the pandemic, universities contributed \$41 billion to the economy—one of the largest of any single sector—and supported more than 250,000 jobs,” she said.

“Universities help meet the increasing demand for highly skilled people and conduct the research that underpins Australia’s prosperity, competitiveness and security.

“It’s fundamental that budget measures supercharge productivity, equip Australians with skills for their future and build the ideas driving new industries in an advanced economy.”

Universities Australia was pleased that the one-off \$250 payment would be extended to youth allowance, Austudy and ABSTUDY recipients, many of whom studied at Australia’s universities.

It also welcomed the focus on supporting the commercialisation of research, with \$988.2 million earmarked over five years from 2021-22, and the extra \$11.3 million for 80 new Commonwealth Supported Places from 2023-24 to deliver full medical school programs.

CSIRO invests \$50m to make ‘critical breakthroughs’

The CSIRO has announced that it will invest \$50 million over the next five years in four new programs to drive critical breakthroughs in energy storage, carbon capture, immunity technologies and bioengineering.

The programs are part of CSIRO’s \$200 million portfolio of Future Science Platforms (FSPs), programs that are designed to push the boundaries of existing research through collaboration with universities and industry.

Under the four programs announced, the Revolutionary Energy Storage Systems FSP aims to reimagine Australia’s electricity grid from one designed to support fossil fuels to one that incorporates more sources of renewable power.

The Permanent Carbon Locking FSP will harness biology, chemistry and engineering to drive innovation in carbon capture and carbon-storage science.

The Immune Resilience FSP intends to build on the new knowledge of human and animal immune systems that has been gained during the COVID-19 pandemic to develop technologies that prevent, protect, and respond to emerging health threats.

The Advanced Engineering Biology FSP will deliver new means to develop fast-tracked solutions for some pressing challenges, from food security to health and wellbeing and carbon-neutral industries.

CSIRO’s Chief Scientist, Professor Bronwyn Fox, said the new FSPs would bring together industry and science, including early career researchers, to invent the cutting-edge science.

“CSIRO’s Future Science Platforms are a big part of our strategy to stay at the forefront of discovery,” she said. “They are a critical part of the way we do science—they are our investment in cutting-edge, transformative research where we push the boundaries of science and lean into the seemingly impossible.”

Volunteers sought for COVID vaccine trials

Medical researchers in Melbourne are calling on healthy Victorians aged from 18 to 70 to roll up their sleeves for the first phase of a clinical trial of two COVID-19 vaccines.

The two vaccine candidates, created by researchers at the Peter Doherty Institute for Infection and Immunity (the Doherty Institute) and Monash Institute of Pharmaceutical Sciences (MIPS) differ from existing vaccines in use around the world because they focus the immune response on the tip of the SARS-CoV-2 spike protein, known as the receptor binding domain (RBD). The RBD enables the virus to enter and infect cells in the body and elicits over 90 per cent of antibodies that can block the virus after SARS-CoV-2 infection.

The first candidate is RBD protein vaccine, which uses part of the virus protein, rather than genetic material or another virus, to elicit an immune response. The second is RBD mRNA vaccine, which initiates a genetic sequence that will lead to production of the RBD protein.

Professor Sharon Lewin, Director of the Doherty Institute, said there was still a need for additional vaccines, as millions more doses of COVID-19 vaccines were still to be administered globally. As well, with new variants of the virus arising, next-generation vaccines with innovative technology were required.

ANU researchers explore mystery of giant jars

ANU researchers are involved in a major collaboration to unravel the mystery of giant jars that have been unearthed at four new sites in Assam, in north-eastern India.

The 65 newly discovered sandstone jars vary in shape and decoration, with some tall and cylindrical, and others partly or fully buried in the ground. Similar jars, some of which are up to three metres high and two metres wide, have previously been uncovered in Laos and Indonesia.

“We still don't know who made the giant jars or where they lived. It's all a bit of a mystery,” ANU PhD student Nicholas Skopal said.

Another mystery is what the giant jars were used for. The researchers believe it is likely they were associated with mortuary practices.

“There are stories from the Naga people, the current ethnic groups in north-east India, of finding the Assam jars filled with cremated remains, beads and other material artefacts,” Mr Skopal said.

This theory aligns with findings from the jar sites that are also tied to burial rituals in other countries, including Laos.

The research has been led by Tilok Thakuria, from North Eastern Hill University, and Uttam Bathari, from Gauhati University. Initially, the research aimed to survey existing sites in Assam, but as the researchers moved about the landscape they realised there was more to be uncovered.

“At the start the team just went in to survey three large sites that hadn't been formally surveyed. From there grids were set up to explore the surrounding

densely forested regions,” Mr Skopal said. “This is when we first started finding new jar sites.”

Surveying and reporting on these sites is important to heritage management in India. The researchers worked with local communities to uncover potential jar sites, often in areas of mountainous jungle that were difficult to navigate.

“The longer we take to find them, the greater the chance that they will be destroyed, as more crops are planted in these areas and the forests are cut down,” Mr Skopal said.

“Once the sites have been recorded, it becomes easier for the government to work with the local communities to protect and maintain them so they are not being destroyed,” Mr Skopal said.

Critical minerals research centre planned

The CSIRO, Geoscience Australia and the Australian Nuclear Science and Technology Organisation (ANSTO) will bring together expertise to establish a virtual National Critical Minerals Research and Development Centre.

The \$50 million centre, which CSIRO will host, is designed to strengthen Australia’s critical minerals capability and bring a national perspective to critical minerals research and development.

It forms part of an updated strategy to build a competitive critical minerals sector in Australia. High-value exports from critical energy metals can provide an important source of economic growth for Australia and impel a global transition towards zero emissions.

CSIRO’s recently released Critical Energy Minerals Roadmap estimates that the metal value of the energy transition’s top technologies will reach more than \$5 trillion globally by 2050, with more than half of that being for critical minerals.

ARC Linkages collaboration program opens

Applications have opened for researchers who wish to be involved in the first round of the Australian Research Council’s Linkages Project 2022. The program reflects the ARC’s commitment to supporting researchers who collaborate with industry, business and community organisations to solve global challenges.

The ARC acting Chief Executive Officer, Ms Judi Zielke PSM, said applications should support long-term strategic research alliances between higher education organisations and industry and other research end-users, provide opportunities for internationally competitive projects to be conducted in collaboration with organisations outside the higher education sector, and enhance the scale and focus of research in Australian government priority areas.

Opportunities to address government policies, particularly the National Manufacturing Priorities (NMP), would be taken into consideration when applications were assessed. Partners must make a significant cash and/or in-kind contribution to the project. ARC funding was awarded on a basis of a competitive process and rigorous peer-reviewed assessment to support the highest-quality researchers and research projects across disciplines, Ms Zielke said. Applications close on 1 August.

Diary dates

Meet the Author events

April 26, 6pm: Aboriginal author, poet and activist Anita Heiss will be in conversation with Ann McGrath about her new book *Am I Black Enough For You? 10 Years On*. Anita gives a first-hand account of her experiences as a woman with a Wiradyuri mother and an Austrian father. Cinema, Kambri Cultural Centre, Registrations at anu.edu.au/events.

May 10, 6pm: Toby Walsh will talk with Andrew Leigh about Toby's new book, *Machines Behaving Badly: The Morality of AI*. Cinema, Kambri Cultural Centre, Registrations at anu.edu.au/events.

May 11, 6pm: Former prime minister Kevin Rudd will be in conversation with Chancellor Julie Bishop, a former foreign minister, on Kevin's new book, *An Avoidable War. The Dangers of a Catastrophic Conflict between the US and Xi Jinping's China*, which proposes a way forward for the US and China to avoid a superpower conflict. Manning Clark Auditorium, Kambri Cultural Centre. Registrations at anu.edu.au/events

May 18, 6pm: Dervla McTiernan will talk with Chris Hammer about her new crime novel, *The Murder Rule*. Hannah Rokeby looks, on the surface, like an idealistic law student determined to free an innocent man from death row, but she knows a secret about the man's past and will stop at nothing to make sure he stays in prison. She is willing to break all the rules. But is it justice she serves ... or vengeance? Pre-event book signings from 5.30pm, and afterwards. Cinema, Kambri Cultural Centre. Registrations at anu.edu.au/events.

May 23, 6pm: Elizabeth Tynan will be in conversation with Frank Bongiorno about her new book, *The Secret of Emu Field*. Emu Field was the first mainland site where the British tested atomic weapons in October 1953. The book documents the scramble to set up the site in the South Australian desert, the nuclear tests, and their aftermath. Tynan uncovers previously unknown details of the tests, despite the fact that "the British government still keeps its Emu secrets suspiciously close". Registrations at anu.edu.au/events.

Meet the Author events are held in association with Harry Hartog Bookshop. Books are available for purchase before and after each event. Enquiries to the convenor, Colin Steele, at colin.steel@anu.edu.au.

A survey of India's grand story

May 14, 2.30pm: India's history from the earliest times to the present will be the subject of a conversation with John Zubrzycki about his new book, *The Shortest History of India*, at the Asia Bookroom on Saturday, 14 May. Susan Grace will talk with Zubrzycki—author, diplomat and foreign correspondent—about his survey of five millennia of Indian history and his views of some of the personalities who have shaped the subcontinent's destiny, from the Buddha to Mahatma Gandhi. The Asia Bookroom is at Unit 2, 1–3 Lawry Place, Macquarie. Reservations are essential and should be made by 13 May at 6251.5191 or books@asiabookroom.com. Entry is by gold coin donation.

National Library: spotlight on performing arts

Some of the greatest names in the history of Australia's performing arts—Dame Nellie Melba, Robert Helpmann, the Bangarra Dance Theatre and Peter Allen among them—have their place in the National Library's *On Stage: Spotlight on Our Performing Arts* exhibition, which runs till 7 August.

The exhibition is drawn exclusively from the National Library's collection and features items never before displayed. Highlights include the earliest surviving Australian printed document, selections from the JC Williamson theatre archives, and contemporary live music and theatre posters. *On Stage* also looks at action behind the scenes, showcasing perspectives on stage direction, costume design, scripts, contracts and musical scores used by performers. The exhibition has been curated by Dr Susannah Helman, NLA Curator of Rare Books and Music. Entry is free, no booking required.

Canberra International Music Festival

This year's Canberra International Music Festival begins on 26 April with a free lunchtime concert at the ANU Drill Hall Gallery. Under the title *Pole to Pole*, the festival runs till 8 May, with concerts and recitals at a number of venues across the city. For some, the highlight will be the performance of Haydn's oratorio *The Creation* at the Fitters' Workshop on 29 and 30 April. Information and tickets available at cimf.org.au.

Ancient Greeks will soon be history

Time is running out to see the National Museum of Australia's exhibition *Ancient Greeks: Athletes, Warriors and Heroes*, which will close on 1 May. The exhibition, mounted with the collaboration of the British Museum, explores competition through sport, politics, drama, music and warfare, illuminated by more than 170 objects from the British Museum collection.

Last weeks for Jeffrey Smart exhibition

The National Gallery's comprehensive survey of the career of Jeffrey Smart has only some three weeks to run—it is scheduled to close on 15 May. More than 100 works make up the exhibition that spans the career of the renowned Adelaide-born artist. The exhibition marks the centenary of Smart's birth and features works from the 1940s to his last painting, *Labyrinth*, completed in 2011. Smart sought inspiration from the world around him — looking to the environment of urban and industrial modernity — and his powerful images have become emblematic of modern urban experience.

Shakespeare to Winehouse: National Portrait Gallery

Portraits of famous people from the 16th century to the present are on show in the exhibition *Shakespeare to Winehouse: Icons from the National Portrait Gallery, London*, at the National Portrait Gallery, Canberra. The London gallery holds the world's most extensive collection of portraits, 80 of which are on loan to Canberra while its central London building is renovated. Shakespeare, Dickens, Churchill, the Brontes, the Beatles, Bowie and Amy Winehouse — all these and

more are on show. Bookings are essential, prices ranging from \$25 for adults to \$5 for 15 and under. The exhibition continues until 17 July.

Ukraine and more: ANUEF events

4 May, noon for 12:30: Molony Room, Collegiate Lunch. Dorothy Horsfield, “Lies, Damned Lies and Geopolitics: Russia’s Invasion of Ukraine”. Her talk will focus on three questions about Russia’s war on Ukraine. The first is whether it has been a huge strategic blunder, a case of folly and bloody-mindedness in which a pyrrhic battlefield victory will look much like catastrophic defeat. The second considers the view that the war has been a catalyst for strengthening Ukrainian nationalism. The third looks at the question of what happens next. Dorothy Horsfield is Foundation Fellow, Australian Studies Institute, ANU.

1 June, noon for 12:30: Molony Room, Collegiate Lunch. Amin Saikal, “The Middle East: Turmoil, Challenges and Shifting Alliances”.

6 July, noon for 12:30: Molony Room, Collegiate Lunch. Steve Dovers, “Barriers to Climate Policy Reform: A 2021 ASSA Policy Analysis, Process and Report”

Bookshelf

Mobilising the Masses

Populist Conservative Movements in Australia and New Zealand During the Great Depression

By Matthew Cunningham

ISBN (print): 9781760465100

ISBN (online): 9781760465117

Publication date: April 2022

ANU Press. DOI: <http://doi.org/10.22459/MM.2022>

The radical right has gained considerable ground in the 21st century. From Brexit to Bolsonaro and Tea Partiers to Trump, many of these diverse manifestations of right-wing populism share a desire to co-opt or supplant mainstream parties that have traditionally held sway over the centre right. It is more important than ever to understand similar moments in Australian and New Zealand history.

This book concerns one such moment—the Great Depression—and the explosion of large, populist conservative groups that appeared. These “citizens’ movements”, as they described themselves, sprang into being virtually overnight and amassed a combined membership in the hundreds of thousands. They staunchly opposed party politicians and parties, left and right, for their supposed inaction and infighting. They pressed proposals that they believed were in the national interest but also prescribed policies that were often radical and occasionally anti-democratic.

At the height of their power, they threatened to disrupt or outright replace the centre right political parties of the time—particularly in Australia. At a time

when fascism and right-wing authoritarianism were on the march internationally, the future shape of conservative politics was at stake.

Papua New Guinea: Government, Economy and Society

Edited by Stephen Howes and Lekshmi N. Pillai

ISBN (print): 9781760465025

ISBN (online): 9781760465032

Publication date: March 2022

ANU Press (Pacific Series) DOI: <http://doi.org/10.22459/PNG.2022>

Papua New Guinea, a nation of almost nine million people, continues to evolve and adapt. While there is no shortage of recent data and research on PNG, the two most recent social science volumes on the country were written more than a decade ago. This volume, edited by Professor Stephen Howes and Professor Lekshmi N. Pillai, brings together the most recent research and reports on the most recent data.

Written by experts at the University of Papua New Guinea and The Australian National University, among others, this book surveys critical policy issues over a range of fields, from elections and politics, decentralisation, and crime and corruption, to the nation's economic trajectory, household living standards, and uneven development.

*Archaeological Perspectives on Conflict and Warfare
in Australia and the Pacific*

Edited by Geoffrey Clark and Mirani Litster

ISBN (print): 9781760464882

ISBN (online): 9781760464899

Publication date: March 2022

ANU Press (Terra Australis series) DOI: <http://doi.org/10.22459/TA54.2021>

When James Boswell famously lamented the irrationality of war in 1777, he noted the universality of conflict across history and across space—even reaching what he described as the gentle and benign southern ocean nations. This volume discusses archaeological evidence of conflict from those southern oceans, from Palau and Guam to Australia, Vanuatu and Tonga, the Marquesas, Easter Island and New Zealand. Evidence for conflict and warfare encompasses defensive earthworks on Palau, fortifications on Tonga, and intricate *pa* sites in New Zealand. It traces aspects of colonial-era conflict in Australia and frontier battles in Vanuatu, and discusses depictions of World War II materiel in the rock art of Arnhem Land.

Among the causes and motives discussed are pressure on resources, the ebb and flow of significant climate events, and the significant association of conflict with cultural contact. The volume, necessarily selective, eclectic and wide-ranging, includes an introduction that places the evidence in the broader scholarship addressing the history of human warfare.

International Review of Environmental History
Volume 8, Issue 1, 2022

Edited by James Beattie and Brett Bennett

ISSN (print): 2205-3204

ISSN (online): 2205-3212

ANU Press. DOI: <http://doi.org/10.22459/IREH.08.01.2022>

This issue focuses on animals and epidemics in modern East Asia. Covid-19 has forced people to think more deeply about the interrelations between animals, people, and epidemics. The intense attention on East Asia demands that we study the region in the context of health, environment, animals, sociocultural traditions, and geopolitics. The first part of this collection consists of three research articles and an extensive commentary that examine rabies and rabid dogs in early 20th-century China, venomous snakes and tropical medicine in colonial Taiwan, and epidemics and animal rights movements in contemporary China. The second part includes three essays on animals and health campaigns in Mao-era China; insects, particularly silkworms, in vaccine research; and the dominant but flawed scientific paradigm of emerging zoonotic epidemics. A commentary provides a global and comparative perspective.

Cosmos & Revelation

Reimagining God's Creation in the Age of Science

By Peter R. Stork

ISBN 9781666730272

WIPF and Stock Publishers

Email: orders@wipfandstock.com

Science and technology have profoundly altered the cosmic and societal perceptions of the world, ANUEF member Peter R. Stork says, but the Christian imagination “has not kept pace”, because most believers “still adhere to pre-scientific views”. In this volume, published in the United States, Stork urges the Christian community to reimagine God’s creation by engaging the findings and data of science. If God has created an intelligible world for us to explore through scientific research, those who profess the Christian faith should at least allow scientific findings to expand their theological horizon, Stork argues.

The author, a former Honorary Fellow of the Australian Catholic University and a Fellow of the Institute for the Study of Christianity in an Age of Science and Technology, works from re-readings of the Books of Genesis to reimagine creation, ranging across disciplines from astrophysics to neurology.

Voluntary Assisted Dying

Law? Health? Justice?

Edited by Daniel J Fleming and David J Carter

ISBN (print): 9781760465049

ISBN (online): 9781760465056

Publication date: February 2022

ANU Press. DOI: <http://doi.org/10.22459/VAD.2022>

Since the introduction of voluntary assisted dying in 2019, a “new moment” in the governance of life and death has opened up within Australia. It raises new questions about law, health care and justice.

This collection brings together critical perspectives on voluntary assisted dying itself, and on various practices around it, including questions of state power, population ageing, the differential treatment of humans and animals at the time of death, the management of health care processes through silent “workarounds”, and the financialisation of death. The book provides an overview of the first Australian regime, and then introduces diverse critical views, broadening our engagement with euthanasia and voluntary assisted dying beyond the limited but important debates about law reform and its particular enactment in Australia.

Macrocriminology and Freedom

By John Braithwaite.

ISBN (print): 9781760464806

ISBN (online): 9781760464813

Publication date: February 2022

ANU Press. DOI: <http://doi.org/10.22459/MF.2021>

How can power “over” others be transformed to “power with”? Can institutions be transformed to build societies that offer more freedom? Some societies, times and places have crime rates 100 times higher than others. Some police forces kill at 100 times the rate of others. Some criminal corporations kill thousands more than others. Micro-variables fail to explain these patterns. Prevention principles for that challenge are macrocriminological.

Braithwaite’s principles of crime control are to build freedom, temper power, lift people from poverty and reduce all forms of domination. Freedom requires a more just normative order: it requires cascading of peace by social movements for non-violence and non-domination.

Georges River Blues:

Swamps, Mangroves and Resident Action, 1945–1980

By Heather Goodall

ISBN (print): 9781760464622

ISBN (online): 9781760464639

Publication date: February 2022

ANU Press. DOI: <http://doi.org/10.22459/GRB.2021>

The lower Georges River was a place of fishing grounds, swimming holes and picnics in the early 20th century, but this changed after World War II, when rapidly expanding industry and an increasing population polluted the river waters and destroyed the bush.

Local people campaigned to defend their river, battling municipalities that were themselves struggling against an explosion of garbage as population and economy changed. In these “blues”—the traditional term for conflict—mangroves and swamps became the focus of the fight. These suburban resident action campaigns have been ignored by histories of the Australian environmental movement, which have instead focused on campaigns to save

distant “wilderness” or inner-city built environments. The Georges River environmental conflicts may have been less theatrical, but they were fought just as bitterly.

Administration

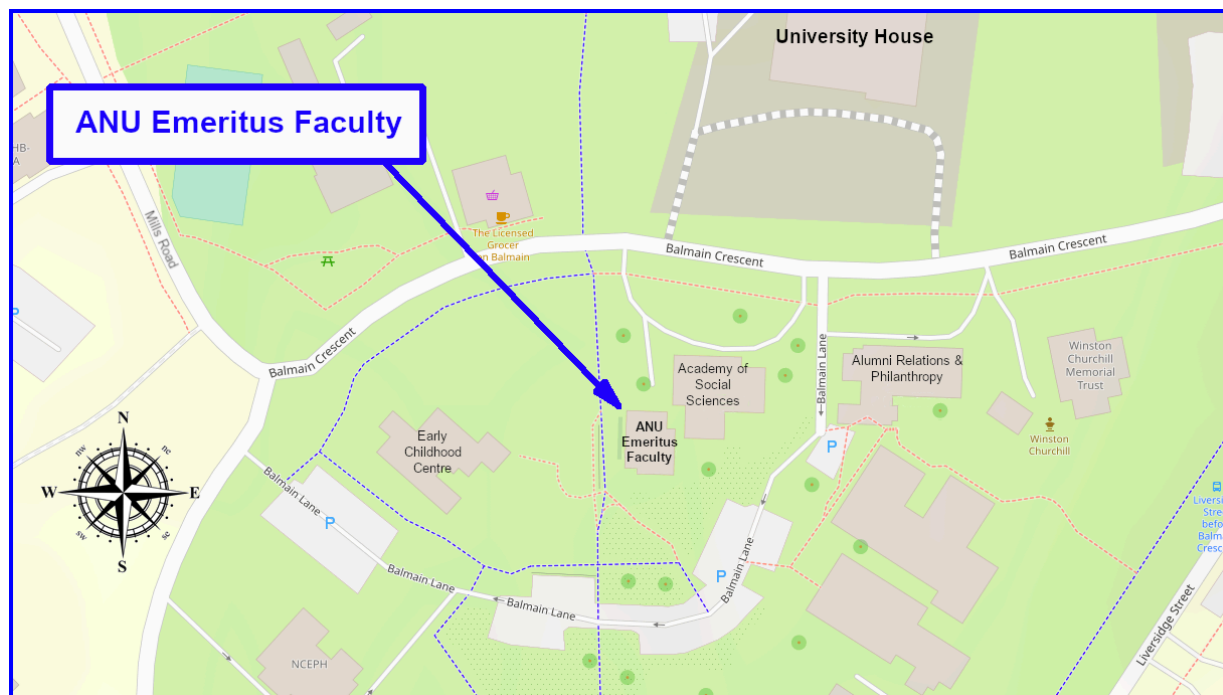
Arrangements for ANUEF room bookings

Requests to book the Molony Room should be addressed to the Secretary of the ANU Emeritus Faculty, Jan O'Connor, at jantancress@gmail.com or 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 22 Balmain Crescent (the Acton Early Childhood Centre) and 26 Balmain Crescent (the Academy of the Social Sciences). Four free car parking spaces are 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 issue of the Emeritus Faculty newsletter will be published in May.