



UNIVERSITY OF  
CANBERRA

# ANNUAL REPORT

2019

VOLUME 1



## LETTER TO THE MINISTER

April 2020

Dear Minister

In accordance with Section 36 of the University of Canberra Act 1989, we present the Report by the Council of the University of Canberra for the period of 1 January to 31 December 2019, together with the financial statements in respect of that period.

Yours sincerely

A handwritten signature in white ink, appearing to read "Tom Calma".

**Professor Tom Calma AO**  
Chancellor

A handwritten signature in white ink, appearing to read "Belinda Robinson".

**Belinda Robinson**  
Interim Vice-Chancellor and President

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The University of Canberra acknowledges the Ngunnawal people, traditional custodians of the lands where Bruce Campus is situated.

We wish to acknowledge and respect their continuing culture and the contribution they make to the life of Canberra and the region.

We also acknowledge all other First Nations Peoples on whose lands we gather.

# FOREWORD

## From the Chancellor

The University of Canberra had a progressive and successful year in 2019 as we strengthened our team of leaders and retained our commitment to the *Distinctive by Design* strategic plan.

It is with a mixture of sadness and fondness that we farewell Professor Deep Saini as our Vice-Chancellor and President. Deep's devotion to the growth of the University of Canberra was impactful and clear. He inspired success across the board and led the University through difficult times with grace and reliability. I sincerely thank Deep for his time and service to the University and wish him all the best in his new role at Dalhousie University in Canada.

We underwent the recruitment process for a new Vice-Chancellor and were pleased to appoint Professor Paddy Nixon to the position, commencing in April 2020. Professor Nixon will come to the University with an extensive list of higher education accomplishments and a thorough understanding of civic universities and their missions.

As we welcome him in 2020, I want to assure the University community that we will remain committed to our *Distinctive by Design* strategic plan and Professor Nixon will continue to lead the team along this path.

In 2019, we welcomed many new additions to our leadership team including Professor Geoffrey Crisp as our new Deputy Vice-Chancellor, Academic following an international search. Professor Crisp joined us from the University of New South Wales, where he was the Pro Vice-Chancellor (Education).

Some new faces also appeared across our faculties, as Professor Wendy Lacey began as our new Executive Dean of the Faculty of Business, Government and Law, Professor Jason Bainbridge started as our new Executive Dean of the Faculty of Arts and Design, and Professor Barney Delgarno became the new Executive Dean of the Faculty of Education.

We welcomed a new Chair of the University of Canberra Academic Board, Professor of Engineering in the Faculty of Science and Technology, Elisa Martinez-Marroquin.

The Council also welcomed new member Patricia Kelly and said farewell to Council members Prue Power, Caroline Gouws, Kieran Heid, Dr Holly Northam and Mara Eversons. We would like to especially thank Professor Dharmendra Sharma for his commitment as the Chair of the Academic Board, as he retired from Council in December. I extend my gratitude to all retiring Council members for their commitment and contributions to the University.

In 2019, I was honoured to be re-appointed for a third term as the Chancellor of the University of Canberra, until December 2022. I am incredibly proud of the growth of the University during my tenure as Chancellor and a Council member since 2008 and am looking forward to achieving much more in the years to come.

Finally, I would like to acknowledge the hard work, dedication and enthusiasm of the University of Canberra family: Council members, staff, students and the community. The achievements and work that are outlined within these pages are testimony to the direct contributions of many committed teams and I am very proud of our collective success. We have reformed and laid the foundations in the past couple of years and we will reap the outcomes in the coming years as we edge closer to our 30th year anniversary as a university.



**Professor TOM CALMA AO**  
Chancellor



# INTRODUCTION

## From the Vice-Chancellor and President

The University of Canberra enjoyed another successful year in 2019 as collaborations expanded, within the University community and with external partnerships. We developed and celebrated new ventures while progressing with our overall strategic plan, *Distinctive by Design*.

It was another year of rankings success as the University rose to 193rd place globally in the 2020 *Times Higher Education* (THE) World University Rankings and 10th in Australia. We also rose from position 58 to 34 in the world in the 2019 *Times Higher Education* (THE) Young University Rankings. The University of Canberra retained the top spot in the ACT for full-time employment and starting salary for graduates, according to the 2020 *Good Universities Guide*. These achievements are a celebration of the efforts and strategic commitment of our research, teaching and professional staff.

We officially opened the Canberra Specialist Medical Centre, which is home to researchers, educators, students and health professionals, providing health services to Canberra and the surrounding community. It is a truly impressive space that will witness great achievements for many years to come.

A number of public UnCover events were held throughout the year to integrate our University community with the wider Canberra community. Experts from each faculty participated in conversations about women in sport, technology and the future, sustainability and urban planning and progress in the LGBTQI space. It was wonderful to host these important conversations and invite the broader community in for these discussions.

Online systems are vital for a positive student experience, and 2019 was a year of improvement in this area as we rolled out the new MyUC interface, providing a place for student engagement at all levels of the student journey. The Digital, Information and Technology Management team did a fantastic job and continue to improve these areas for the University.

In November, I was honoured to meet our 2019 Distinguished Alumni Award winners. To see the immense impact, both nationally and globally, of a handful of individuals was humbling and inspirational. It was a wonderful evening to celebrate the long-lasting influence of an education at the University of Canberra. I encourage all alumni to stay connected and share your stories of success. We love to hear from you.

Of course, another highlight for me was cheering on our University of Canberra Capitals to their 8th WNBL Championship. It was a well-deserved achievement from an incredible team and we are so proud of their skill, dedication and success.

As my time at the University of Canberra comes to a close, I have much to reflect on with pride and gratitude. Throughout my tenure, the UC team has collectively made the University the fastest-rising in the world rankings; delivered research outcomes with real-world benefits; prioritised and made improvements on equality, inclusion and access; been innovative in creating and developing more effective practices; upgraded campus facilities and services; and always strived to deliver the best educational experience for our students. I would like to sincerely thank the team at the University of Canberra for the remarkable three years that we have shared.

While there are always challenges to overcome, I have no doubt the University will continue to thrive under the leadership of the new Vice-Chancellor, Professor Paddy Nixon.

Until we meet again, take care and continue to work well together, as real and respectful collaboration is the key to success.



**Professor Deep Saini**

Vice-Chancellor and President

September 2016 – December 2019



# GOVERNANCE

## UNIVERSITY COUNCIL

The University Council acknowledges and observes the Universities Australia and University Chancellor's Council *Voluntary Code of Best Practice for the Governance of Australian Universities* and confirms that it complies with this Code.

The University Council (the Council) is established under Section 9 of the *University of Canberra Act 1989* (ACT) as the governing authority of the University. Under the Act, the Council is responsible for the control and management of the entire University. However, except for matters that the Act prescribes cannot be delegated and those powers reserved by the Council, management control of the University is delegated to the Vice-Chancellor.

The Council is a 15-member body led by the Chancellor. Eight members are appointed by the ACT Chief Minister and four members are elected from the University community, one each from academic staff, professional staff, undergraduate students and postgraduate students. The Vice-Chancellor and Chair of the Academic Board are ex-officio members of the Council. The Council is responsible for appointing the Chancellor.

The following changes occurred to the Council membership during 2019:

- Ms Prue Power retired from Council on 29 January 2019 following completion of her term of office.
- Ms Patricia Kelly was appointed to Council by the Chief Minister for a three-year term commencing 9 April 2019.
- Professor Deep Saini retired from Council on 24 December 2019 following his resignation as Vice-Chancellor of the University.
- Professor Dharmendra Sharma retired from Council on 31 December 2019 following completion of his term of office as Chair of Academic Board.
- The terms of elected student members Ms Caroline Gouws and Mr Kieran Heid commenced on 1 January 2019 and ended on 31 December 2019.
- The terms of elected staff members Dr Holly Northam and Ms Mara Eversons ended on 31 December 2019.

The Council held nine formal meetings in 2019, comprising seven scheduled meetings and two special meetings to consider the campus community development project. A strategic planning day was also held in June. The Chancellor presided at eight meetings of the Council, with the Deputy Chancellor presiding at the remaining meeting in the absence of the Chancellor.

Members of the Council also engaged in a range of other activities including University functions, graduation ceremonies and meetings of committees of the Council.

At each meeting, the Council received reports from the Vice-Chancellor and the chair of each Council committee, including the Academic Board. The Council also received regular updates on budget and financial matters, risk and audit matters, work health and safety, strategic engagements and partnerships and campus developments. Presentations on the objectives and achievements against the University's Strategic Plan were also made throughout the year by each portfolio and faculty.

Key accomplishments overseen by Council in 2019 include:

- Reappointment of the Chancellor, Professor Tom Calma, for a further three-year term commencing 1 January 2020
- Recruitment of the new Vice-Chancellor, Professor Paddy Nixon (to commence April 2020) and new Deputy Vice-Chancellor Academic, Professor Geoff Crisp
- Development of a new Strategic Positioning and Competitive Growth Strategy, for implementation in 2020
- Completion and implementation of a new Enterprise Agreement
- Completion of the new Delegations Framework and Policy, to be implemented in early 2020
- Review and implementation of a revised Council Committee structure
- Progression of the Campus Community Project and other campus developments
- Commissioning PwC to undertake the biennial External Review of Council Performance, with recommendations being implemented from late 2019.

In addition, the Council approved the 2018 Annual Report and Annual Financial Statements, assessed the University's and the Vice-Chancellor's performance for both 2018 and 2019, approved committee and board appointments and awarded one Honorary Degree.

The Council also monitored the implementation of the action plan to address the recommendations from the independent review commissioned by the Council in 2017, in response to the *National Report on Sexual Assault and Sexual Harassment at Australian Universities*. The Council will continue to oversee this matter as a standing item.

Further information about the Council and governance of the University is available at

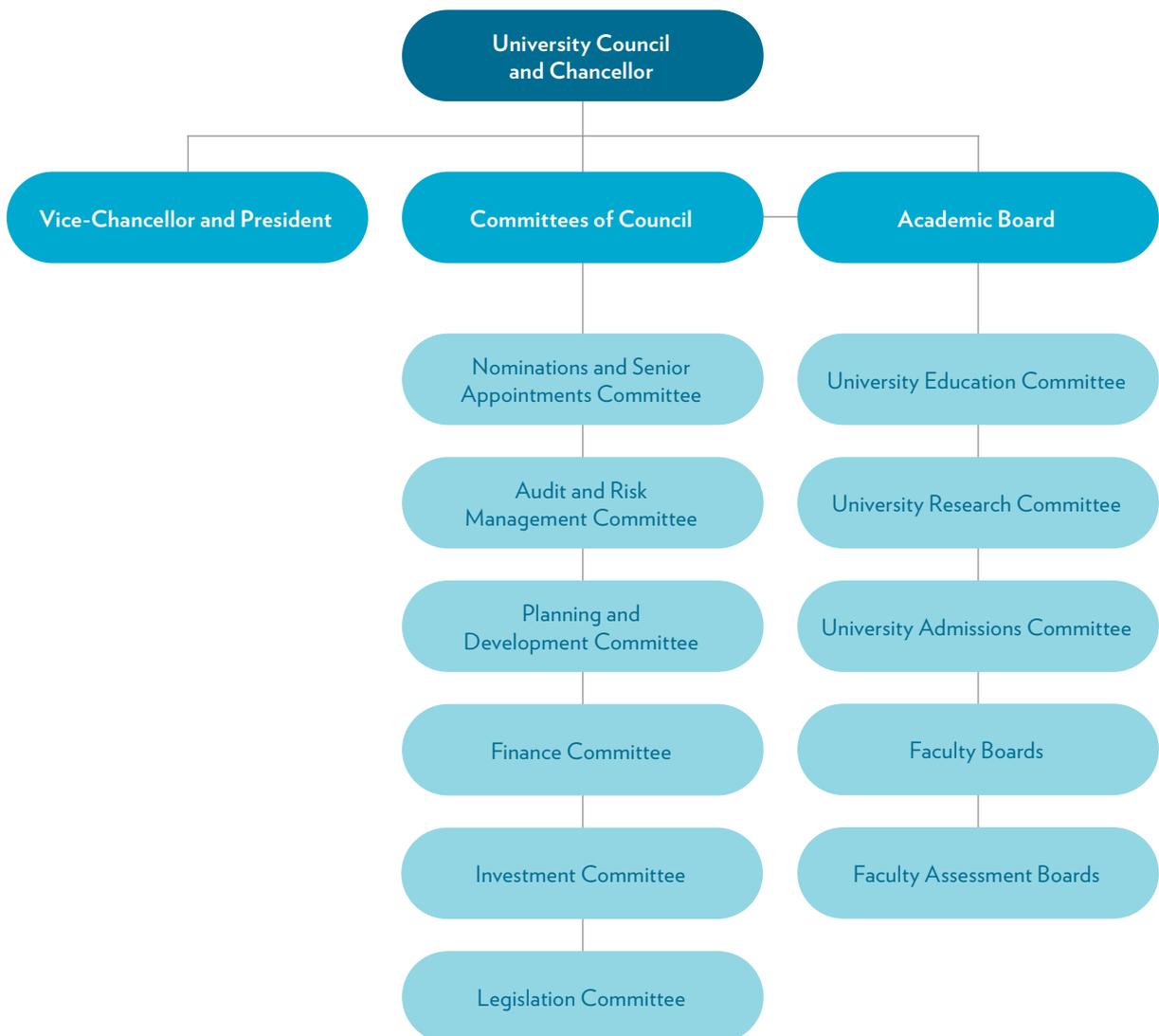
[www.canberra.edu.au/about-uc/governance/council](http://www.canberra.edu.au/about-uc/governance/council).

## OUR GOVERNANCE FRAMEWORK

The University's governance policies can be found at [www.canberra.edu.au/policies](http://www.canberra.edu.au/policies).

The Council has established a number of committees that meet regularly and support the Council in making informed decisions on issues of significance to the University. During 2019 the Council made the following changes to the Council Committee structure.

- The Nominations and Senior Appointments Committee and Honorary Degrees Committee were amalgamated.
- A new Planning and Development Committee was established to replace the Environment and Works Committee and Campus Development Board.



## COMMITTEE AND BOARD ACTIVITIES

### AUDIT AND RISK MANAGEMENT COMMITTEE

The Audit and Risk Management Committee (ARMC) provides independent assurance, advice and assistance to the Council on the University's risk, control and compliance framework. The ARMC met four times in 2019. Two meetings were also held jointly with the Finance Committee to consider the 2018 Annual Financial Statements and related matters.

Key activities overseen by the Committee in 2019 included: monitoring the performance of the University's internal audit providers (PwC) and the delivery of the internal audit program; monitoring the progress and delivery of the external audit of the annual financial statements by the ACT Audit Office; monitoring the implementation of internal and external Audit Recommendations by management; reviewing the Internal Audit Charter; reviewing the University's performance in relation to work health and safety matters; monitoring the University's Resilience Management Framework; and overseeing both the development of the new Delegations Framework and Policy and the exercise of financial delegations.

### FINANCE COMMITTEE

The Finance Committee makes recommendations to the Council concerning financial, investment and commercial management matters of the University and its controlled entities. The Finance Committee held six meetings in 2019. Two meetings were also held jointly with the ARMC to consider the 2018 Annual Financial Statements and related matters.

Key activities overseen by the Committee in 2019 included development of the UC Group annual budget and long-term financial model, monitoring of the University's financial performance, monitoring of the University's workforce profile and performance of the University's investment portfolio.

### LEGISLATION COMMITTEE

The Legislation Committee advises the Council on the appropriate legislative foundation of the University, including amendments to the Act, statutes, rules and policies. The Committee met once in 2019 and considered the consolidation and revision of five separate Election Rules into a single rule – the University of Canberra (Election of Staff and Student Members to Academic Board and Council) Rules 2019.

### NOMINATIONS AND SENIOR APPOINTMENTS COMMITTEE

The Nominations and Senior Appointments Committee (NSAC), which amalgamated with the Honorary Degrees Committee in February 2019, met seven times during the year.

Key matters considered by NSAC in 2019 included nominations for positions on the Council, the annual performance rating for the University and the Vice-Chancellor, the appointment of a new Vice-Chancellor and Deputy Vice-Chancellor Academic, the Vice-Chancellor's performance for 2018, Key Performance Indicators for the Vice-Chancellor for 2019, senior management remuneration, nominations for the award of an Honorary Degree and the appointment of Emeritus Professors.

The Committee also oversaw and recommended to Council the findings of the three-yearly external review of Council remuneration undertaken by Mercers and the Biennial External Review of Council Performance undertaken by PwC.

### PLANNING AND DEVELOPMENT COMMITTEE

The Planning and Development Committee was established by Council in February 2019, replacing the Environmental Works Committee and the Campus Estate Board. The Committee's purpose is to monitor and advise Council on matters relating to the planning and development of the University's major property and infrastructure. The primary focus of the Committee, which met four times in 2019, was the commencement of work towards development of a new Campus Master Plan. The Committee has also considered development opportunities and maintained oversight of capital works and infrastructure development.

### ACADEMIC BOARD

The Academic Board is the University's academic governance body and is responsible to the Council for all academic matters relating to the University. The Academic Board maintains links with the academic governance structures of other Australian universities to enable sector benchmarking and promote continuous improvement. In 2019, the Academic Board continued to focus on ensuring University of Canberra courses and academic practice were of the highest quality. The Board also received external presentations on Academic Freedom and Contract Cheating, initiating internal activities to strengthen the University's capacity and processes on these matters. The Academic Board held five meetings in 2019.

The Academic Board has established a number of committees to support its functions. Further information about the Academic Board and its committees is available at [www.canberra.edu.au/about-uc/governance/academic-board](http://www.canberra.edu.au/about-uc/governance/academic-board).

## COUNCIL MEMBERS

The following were members of the University Council during the year ended 31 December 2019.

### CHANCELLOR

**Professor Tom Calma AO**,  
AssocDipSocialWork *SAIT*, HonDLitt  
*CDU*, HonDSc *Curtin*, HonDUniv *Flin*  
Chair, Nominations and Senior  
Appointments Committee

Term of Office: Appointed as a Council  
Member by the ACT Chief Minister:  
21 October 2008–31 December 2013  
Appointed as Chancellor by the Council:  
1 January 2014–31 December 2022

### VICE-CHANCELLOR AND PRESIDENT

**Professor H. Deep Saini**,  
BSc (Hons) *India*, MSc (Hons) *India*,  
PhD (Plant Physiology) *Adelaide*

Term of Office:  
1 September 2016–24 December 2019

### CHAIR, ACADEMIC BOARD

**Professor Dharmendra Sharma AM**,  
BSc, PGradMath, MSc *USP*, PhD  
*ANU*, FACS, FSPCS, SMIEEE,  
CompIEAust, GAICD

Term of Office:  
1 January 2014–31 December 2019

### APPOINTED BY THE ACT CHIEF MINISTER

### DEPUTY CHANCELLOR

**Dr Chris Faulks**,  
BA *ANU*, HonDUniv *Canberra*,  
GradDip Education *Canberra*,  
GradDip Management *AGSM*, GAICD

Chair, Planning and  
Development Committee

Term of Office: Appointed as a  
Council Member:  
1 January 2014–30 June 2020

Appointed as Deputy Chancellor:  
27 October 2017–30 June 2020

### COUNCIL MEMBERS

**Dr Tom Karmel AM**,  
BA (Hons) *Flin*, MEc, PhD *ANU*

Term of Office: 22 May 2012–21 May  
2018, reappointed 19 November 2018–  
18 November 2021

**Ms Patricia Kelly PSM**,  
BA (Comms) *UTS*, GAICD  
Chair, Legislation Committee

Term of Office:  
9 April 2019–8 April 2022

**Mr Glenn Keys AO**,  
BE-Mech *UNSW*, HonFIE Aust,  
AICD, AIPM, FIML

Term of Office:  
1 July 2017–30 June 2020

**Mr Barry Mewett**,  
FCPA, FIPAA  
Chair, Audit and Risk  
Management Committee

Term of Office:  
20 October 2011–20 October 2020

**Ms Annabelle Pegrum AM**,  
BSc Arch *Syd*, B Arch (Hons 1st) *Syd*  
LFRAIA GAICD

Term of Office:  
19 November 2018–18 November 2021

**Ms Prue Power AM**,  
MPH *ANU*  
Chair, Legislation Committee  
(to 29 January 2019)

Term of Office:  
1 January 2010–29 January 2019

**Dr Michael Schaper**,  
BA *UWA*, M.Comm, PhD *Curtin* FAICD

Term of Office:  
19 November 2018–18 November 2021

**Mr David Sturgiss**,  
BCom *UNSW*, FCA, CFTP Snr, MAICD  
Chair, Finance Committee,  
Chair, Investment Committee

Term of Office:  
23 January 2018–22 January 2021

### ELECTED BY ACADEMIC STAFF

**Dr Holly Northam OAM**,  
PhD, MCritCareNurs, RN, RM,  
Churchill Fellow

Term of Office:  
1 January 2018–31 December 2019

### ELECTED BY PROFESSIONAL STAFF

**Ms Mara Eversons**,  
BEd *Canberra*, MBA *Canberra*

Term of Office:  
1 January 2016–31 December 2019

### ELECTED BY POSTGRADUATE STUDENTS

**Ms Caroline Gouws**,  
BSc (Hons) Human Nutrition *Canberra*

Term of Office:  
1 January 2019–31 December 2019

### ELECTED BY UNDERGRADUATE STUDENTS

**Mr Kieran Heid**

Term of Office:  
1 January 2019–31 December 2019



# 2019 HIGHLIGHTS

The University's senior executive team members share their highlights of 2019.



## PROFESSOR GEOFFREY CRISP

DEPUTY VICE-CHANCELLOR AND VICE-PRESIDENT ACADEMIC

In 2019 the Academic portfolio, including the faculties, expanded our work on improving the student experience and student success.

The new student MyUC interface (the Digital Student Journey platform) was rolled out, providing a cohesive digital platform for student engagement, from prospective students through to alumni. The first students began our new bachelor degrees, redesigned through our Curriculum Renewal project.

We launched a new strategy for Student Success, focused on improving retention and engagement with the University. We implemented a new framework for providing excellence in work-integrated learning. We also enhanced areas for students to gather, study and collaborate, leading to increased usage of our campus spaces.

Additionally, we entered into significant partnerships for course delivery with the Institute of International Studies and Chandigarh University (both in India) and Vietnam's Hanoi University, and revised and expanded our significant partnership with TAFE Queensland.



## PROFESSOR LEIGH SULLIVAN

DEPUTY VICE-CHANCELLOR AND VICE-PRESIDENT RESEARCH AND INNOVATION

The outstanding research performance of the University's academics in 2019 was the main contributor to the University's rapid rise into the top 1 per cent of the World University Rankings. In 2019 the University rose to 193 in the world in the prestigious *Times Higher Education (THE) World University Rankings*, and to 34 in the *THE Young Rankings*. These results meant the University was the fastest rising university in the world.

The research institutes and centres were revitalised in 2019 through a detailed review process, ensuring that the University's strategic research funds continue to be invested in alignment with both continuing excellence in research performance and with areas of strategic importance to the University's mission.

The Research and Innovation portfolio initiated an external review of its support services to ensure that these are as effective and efficient as possible. Among the changes implemented were the appointment of a new Director, Research and Innovation, Dr Milica Symul, the establishment of a UC Engage innovation and business development unit, and the establishment of a Dean, Graduate Research, Distinguished Professor Jen Webb.

The Research Analytics team within the portfolio developed a sector-leading research performance evaluation assessment (PEAs). The PEAs allow individual researchers, research teams and faculties to assess and benchmark their research performance across the sector on a discipline-specific basis, and also allows the University to benchmark its own research performance.



## VICKI WILLIAMS

### DEPUTY VICE-CHANCELLOR AND VICE-PRESIDENT FINANCE AND INFRASTRUCTURE

Our highlights continue to provide excellent examples of our portfolio goal of enabling the transformative University of Canberra experience and delivering an ecosystem for lifelong learning. The Digital Student Journey project is transforming the students' online experience, with Digital, Information and Technology Management (DITM) leading the project and collaborating with staff and students.

The Teaching Research Integrated Planner (TRIP) tool, also developed in-house, supports allocation of resources for the delivery of teaching. The sale of the Scrivener Building enabled 160 staff to move back to campus into a new and innovative workspace constructed in Building 5, as led by Campus Estate and a collaborative change management group. The Canberra Specialist Medical Centre was opened on campus in February by the Minister for Health, Greg Hunt MP. Rolling capital allocations boosted equipment for research, teaching and learning and student spaces.

The Planning and Analytics team delivered improved reporting in analysis of student data, admissions reporting, lead indicators and interpretation of Quality Indicators for Learning and Teaching (QILT) data, including the Student Experience Survey and Graduate Outcomes Survey. The refreshed Quality and Standards Framework now aligns with the Higher Education Threshold Standards.



## KIRSTY DWYER

### CHIEF EXECUTIVE – PEOPLE AND DIVERSITY

It was a busy year for People and Diversity, with the successful negotiation and implementation of the 2019–2022 Enterprise Agreement.

We continued to mature the University's workforce planning cycle. The 2020–2022 Enterprise Workforce Plan includes critical position and key talent reporting and strategies. It also includes forecasts of supply and demand and key functions and capability requirements to support workforce investment decisions.

Professional development continues to be a priority across academic and professional groups, with a suite of learning programs developed. Professional Development Week continued in 2019 with events held in July and December, offering 57 workshops across the periods. These provided an opportunity for all staff members to focus on their own professional development.

Mechanisms to engage with staff, including the introduction of our innovative Employee Experience Coordinators, our new pulse survey and the eighth biennial Voice Staff Survey, launched this year. The safety and wellbeing of our people continues to be a priority, with significant results achieved across our safety performance.



## BELINDA ROBINSON

### VICE-PRESIDENT UNIVERSITY RELATIONS AND STRATEGY

In its first full year, the University Relations and Strategy portfolio has firmly established itself as a high-performing, outcomes-focused and service-orientated portfolio making rapid progress in lifting UC's profile, visibility and external engagement.

'UnCover' has quickly become recognised, both internally and externally, as UC's story-telling brand, incorporating a suite of activities that now includes UnCover Events, UnCover Online, UnCover Podcasts and *UnCover Magazine*. The UC Identity Project was delivered and has led to the positioning of the University of Canberra within the Australian higher education system with greater clarity around its place-based civic identity as the university in, of, for and from Canberra and the surrounding regions. UC's centralised marketing approach has been revitalised with a new, 'always on' domestic strategy delivered in partnership with faculties, and a highly focused in-country international marketing strategy.

UC's media presence has grown substantially by adopting a more strategic use of traditional and online channels, the development of a social media strategy, staff media training and building constructive relationships with key media outlets.

In reflecting the University's role in serving the community, and how we work with governments, the portfolio has boosted capability around higher education public policy and government relations. This will allow us to better align our education and research programs with community priorities and to work as partners with the Territory, Commonwealth and local governments.

## COLLABORATION AND UNITY

Diversity is at the heart of collaboration, giving unique perspectives and the opportunity to build a united future.

# IMPACT

**As the university in, of,  
for and from Canberra,  
the University has a vital role  
to serve the community and  
its surrounding region.**

The University and its people — staff, students and alumni — hold an important function as they contribute to the economic, social, environmental and cultural life of Canberra. As the University's teaching and research is embedded throughout the region, its impact extends beyond the boundaries to the rest of the nation and the world.

# THE CONVERSATION STATISTICS IN 2019



**NEARLY 9 MILLION READERS**



**394 PUBLISHED ARTICLES (BY 42 AUTHORS)**



**31,744 COMMENTS FROM USERS**



**Michelle Grattan**  
Professorial Fellow Politics and Journalism

Readers	7,021,137
Articles	344
Comments	29,482



**Michael James Walsh**  
Assistant Professor, Social Science

Readers	292,135
Articles	2
Comments	51



**Naomi Dale**  
Associate Professor, Business, Government and Law

Readers	286,982
Articles	1
Comments	41

## UNIVERSITY OF CANBERRA IN WORLD'S TOP 1 PER CENT OF UNIVERSITIES

The University of Canberra rose to 193rd globally in the 2020 *Times Higher Education (THE) World University Rankings* and 10th in Australia.

The University rose from position 58 to 34 in the 2019 *Times Higher Education (THE) Young University Rankings* (universities aged 50 years or under).

The latest results cement the University of Canberra's place among the world's top 1 per cent universities in the THE global university rankings.

These jumps in the THE rankings follow a similar trajectory to the 2020 QS global university rankings, where the University of Canberra rose 135 places to sit at number 484.

In both the THE and QS global rankings, the University of Canberra's rise was the most rapid of any university in the world.



### **PROFESSOR TOM CALMA AO REAPPOINTED UNIVERSITY OF CANBERRA CHANCELLOR UNTIL 2022**

Human rights advocate Professor Tom Calma AO will continue his role as Chancellor of the University of Canberra until 2022 following his reappointment by the University Council.

Professor Calma will be the longest-standing member of the Council, having first been appointed by the ACT Chief Minister in 2008, before being appointed by the Council as Deputy Chancellor in 2012 and Chancellor, two years later. He is the second Indigenous person to have been appointed Chancellor of an Australian university, following Dr Pat O'Shane.

Guiding the University through a transformative time, Professor Calma has seen the University grow into a top 50 university in the Asia Pacific, and amongst the top 100 young universities worldwide.



### **PROFESSOR GEOFFREY CRISP ANNOUNCED AS NEW DEPUTY VICE-CHANCELLOR, ACADEMIC**

The University of Canberra appointed Professor Geoffrey Crisp as the new Deputy Vice-Chancellor, Academic in February 2019.

Professor Crisp previously held the position of Pro Vice-Chancellor (Education) at UNSW Sydney, and now oversees the teaching and learning environment at the University, as well as student support services.

Prior to his role at UNSW, Professor Crisp was the Dean, Learning and Teaching at RMIT University, and the Director of the Centre for Learning and Professional Development at the University of Adelaide.



### **PROFESSOR WENDY LACEY NAMED AS NEW EXECUTIVE DEAN OF THE FACULTY OF BUSINESS GOVERNMENT AND LAW**

In July 2019, Professor Wendy Lacey was appointed as Executive Dean of the Faculty of Business, Government and Law.

Holding Honours degrees in both Arts (Political Science) and Law, and a PhD in Law, from the University of Tasmania, Professor Lacey previously held academic positions at the Universities of Adelaide and Tasmania. At the University of South Australia she was the Dean of Law from 2014–2019.

Professor Lacey, who continues to promote the rights of older Australians through her work as an Ambassador of the Maggie Beer Foundation and through several advisory roles at the government level, said being based in Canberra provides a natural advantage for staff and students.



### **PROFESSOR JASON BAINBRIDGE NAMED NEW EXECUTIVE DEAN OF THE FACULTY OF ARTS AND DESIGN**

With a focus on agility and resilience in the face of rapid technological and cultural change, new Executive Dean of the Faculty of Arts and Design (FAD), Professor Jason Bainbridge, is steering the faculty through a new era.

Professor Bainbridge holds degrees in Arts and Law and a PhD in Cultural Studies from the University of Queensland.

Professor Bainbridge has previously held academic positions at the University of Tasmania, University of South Australia and Swinburne University of Technology, where he demonstrated a strong commitment to leadership across teaching, research and industry engagement.

## PROFESSOR ELISA MARTINEZ–MARROQUIN APPOINTED AS CHAIR OF UNIVERSITY OF CANBERRA ACADEMIC BOARD

University of Canberra Chancellor, Professor Tom Calma AO, announced the appointment of Professor of Engineering in the Faculty of Science and Technology, Professor Elisa Martinez-Marroquin, to Chair of the Academic Board for a three-year term commencing 1 January 2020.

Professor Martinez-Marroquin has held academic positions for over 20 years in Europe, Singapore, and Australia, including Director of Technology Transfer, Head of Discipline and Acting Executive Dean.

Professor Martinez-Marroquin’s research background is in Artificial Intelligence, with applications ranging from robotic vision to biometrics, and more recently learning analytics.

## PROFESSOR BARNEY DALGARNO APPOINTED AS EXECUTIVE DEAN OF THE FACULTY OF EDUCATION

A visionary in online learning, emerging technologies and education, Professor Barney Dalgarno will join the University of Canberra as Executive Dean of the Faculty of Education in early 2020.

Professor Dalgarno, an alumnus of the University, will return to Canberra having established an impressive 21-year academic career at Charles Sturt University’s Wagga Wagga campus. He holds degrees in Science and Education, and a PhD in Education.

Professor Dalgarno is eager to take on this leadership position to help the Faculty achieve pioneering advances in teacher education in the ACT and regional NSW, through its partnership with the ACT Education Directorate and the Affiliated Schools Program.



## GOOD UNIVERSITIES GUIDE: UNIVERSITY OF CANBERRA #1 IN ACT FOR EMPLOYMENT AND STARTING SALARY

The University of Canberra retained the top spot in the ACT for full-time employment and starting salary for graduates, according to the 2020 *Good Universities Guide*.

The University also earned the top ranking in the Territory for social equity, First Generation students, learning resources, skills development and study support. Plus, it ranked number one for teaching quality, learning resources, quality educational experiences, median graduate salaries, skills development, student support, learner engagement and more.

## GENDER EQUALITY TAKES CENTRE STAGE AT UNIVERSITY OF CANBERRA

The University of Canberra’s citation as an Employer of Choice for Gender Equality was awarded by the Workplace Gender Equality Agency (WGEA) for the 12th consecutive year in 2019. The award supports the University’s commitment to becoming a national sector leader in equality, diversity, inclusion and access.

The University is amongst Australia’s foremost organisations promoting a commitment to gender equality. Initiatives include a generous paid parental leave scheme for the primary care-giver, increased paid partner leave and flexible working arrangements.

In addition to being an Employer of Choice for Gender Equality, the University is a White Ribbon Accredited Workplace and a Breastfeeding Friendly Workplace.

## SOCIAL MEDIA HIGHLIGHTS

The University of Canberra saw enormous growth in both its following and level of engagement on social media in 2019.

Focusing on four key social media channels – Facebook, Instagram, Twitter and LinkedIn – the University’s total following increased by over 52 per cent when compared with the 2018 totals. In 2019, the University’s social media content achieved a total of 50.8 million impressions (defined as the amount of times the content was displayed); an increase of 126 per cent. Engagement (a follower’s active engagement with the University: a like, comment, follow, share etc.) increased by a total of 50.3 per cent across all four platforms.

In terms of channel-specific performance, the most successful channels were Instagram and Facebook; particularly for engaging current and future student audiences.

The University’s Facebook page achieved almost 720,000 engagements in 2020, with an audience of 130,000.



The most popular posts centred on Reconciliation Week and what ‘belonging’ means to members of the University’s community, as well as the rise in rankings to top 40 young universities in the world.

A primary objective for the Facebook page in 2019 was to refer traffic to the University’s website; encouraging the audience to read UnCover stories, find out more about events on campus or support services they can access, and so on. Facebook contributed to over 666,000 link clicks in 2019.

Instagram was leveraged to engage with a younger current and future student audience. Impressions on Instagram grew by 502 per cent when compared with 2018, with close to 6.4 million impressions on the channel. Visually-appealing insights into life on campus were the posts that performed best, particularly for campus-wide events such as O-Week and Open Day. The University also began using Instagram stories (ephemeral content that disappears after 24 hours) as a key tool in 2019. A total of 650 stories were published, alerting students to events, opportunities, or insights into the work that goes on at the University.

LinkedIn and Twitter continued to perform well in 2019, with LinkedIn engagements increasing by 90 per cent when compared with its performance in 2018, while Twitter achieved almost one million impressions. These channels are strategically important for the University in engaging with the academic and professional communities.

The University also operates two social media channels for its audience in the key international market of China. The university’s Weibo and WeChat accounts grew significantly in 2019, reaching 10,000 and 5,000 followers respectively.

**THINK DIFFERENTLY**

By thinking innovatively,  
we are thinking differently.  
Embedding culture is at the  
heart of our core business.

# ACADEMIC

**In 2019, University of Canberra students continued to graduate with the knowledge, skills and experience to secure a job and succeed in their chosen profession.**

The Digital Student Journey platform, MyUC, was implemented, allowing better student engagement at all stages, from prospective students to alumni. Students started in new bachelor degrees, offered as part of the redesigned curriculum, and a strategy for Student Success was launched to improve student retention and engagement.

Many programs and initiatives were run to support students through their entire experience, from their academic success, to their health and wellbeing and general university life.

## STUDENT DATA

### TOTAL STUDENTS STUDYING ONSHORE AND OFFSHORE (INCLUDES UC AND UCC)

EFTSL	2015	2016	2017	2018	2019
Off Shore	525	509	417	318	287
On Shore	11,294	11,262	11,141	11,196	11,135
<b>Total</b>	<b>11,819</b>	<b>11,771</b>	<b>11,558</b>	<b>11,514</b>	<b>11,423</b>

### STUDENTS ON AUSTRALIAN CAMPUSES BY DOMESTIC OR INTERNATIONAL ORIGIN

EFTSL	2015	2016	2017	2018	2019
Domestic	8,776	8,921	9,115	9,031	8,861
International	2,518	2,341	2,026	2,165	2,274
<b>Total</b>	<b>11,294</b>	<b>11,262</b>	<b>11,141</b>	<b>11,196</b>	<b>11,135</b>

### STUDENTS ON AUSTRALIAN CAMPUSES BY COURSE LEVEL 2019

EFTSL	2015	2016	2017	2018	2019
Postgraduate	1,899	1,818	1,636	1,870	2,083
Undergraduate	8,764	8,924	8,982	8,838	8,569
UCC	632	521	524	488	483
<b>Total</b>	<b>11,295</b>	<b>11,263</b>	<b>11,142</b>	<b>11,196</b>	<b>11,135</b>

### STUDENTS ON AUSTRALIAN CAMPUSES BY GENDER (EXCLUDES UCC)

EFTSL	2015	2016	2017	2018	2019
Female	5,717	5,738	5,737	5,820	5,874
Male	4,946	5,001	4,879	4,874	4,750
X		2	2	14	28
<b>Total</b>	<b>10,663</b>	<b>10,741</b>	<b>10,618</b>	<b>10,708</b>	<b>10,652</b>

### DOMESTIC STUDENTS ON AUSTRALIAN CAMPUSES BY REGION (EXCLUDES UCC)

EFTSL	2015	2016	2017	2018	2019
ACT/Queanbeyan	5,164	5,165	5,098	4,968	4,961
Greater Sydney	579	571	626	637	645
NSW Country	1,899	1,786	1,788	1,813	1,796
Other	909	1,155	1,332	1,342	1,180
<b>Total</b>	<b>8,551</b>	<b>8,676</b>	<b>8,844</b>	<b>8,760</b>	<b>8,582</b>

## EQUIVALENT FULL-TIME STUDENT LOAD (EFTSL)

The University of Canberra maintained its student load of about 11,500 EFTSL in 2019. Since 2017, onshore undergraduate load has declined. More females than males study at the University, with an increase of about three per cent in onshore female EFTSL since 2015. The majority of the University's domestic students are from the ACT/Queanbeyan area (4,961), while 42 per cent of domestic students were from areas outside of this region in 2019.

## TOP 10 COURSES—ALL STUDENTS

1. Bachelor of Nursing
2. Bachelor of Science in Psychology
3. Bachelor of Information Technology
4. Doctor of Philosophy
5. Bachelor of Building and Construction Management
6. Bachelor of Physiotherapy
7. Bachelor of Primary Education
8. Bachelor of Software Engineering
9. Bachelor of Accounting
10. Bachelor of Exercise Physiology and Rehabilitation

## LIBRARY SERVICES

The Library has continued to focus on improving facilities to enhance the student experience throughout 2019. The renovation of the Library foyer with new desks, carpet, couches and a digital wall has rejuvenated the space.

In addition to changes to the physical space, the Library also updated its service from a help-desk model to a concierge model. This has reduced the barriers to students seeking support and has meant that all clients are given options at an earlier time in their studies.

Other new services within the Library include drop-in times for PhD students to receive support from University of Canberra Researcher Development, and the Help with English Language Proficiency program run by Study Skills.

In addition to the new foyer, a new silent study room tripled the amount of seating. This room, available 24 hours a day, has been a great success and has received many positive comments from students.

The Library has partnered with the Faculty of Arts and Design on a number of student-led projects, including the creation of a communication strategy, an analysis of the Library's web presence and the creation of a University gallery to be located within the Library. These projects have experienced great success, with positive outcomes for both the Library and the students.

Library resources have improved through 2019 with a number of new databases and other electronic resources added to the collection. These include the legal-based video streaming service BenchTV, the health-related Joanna Briggs Institute evidence-based practice database and a subscription to a large set of cross-discipline databases through Proquest Central, containing over 30,000 journals, conferences and reports.

## STUDENT SATISFACTION AND GRADUATE OUTCOMES

University of Canberra students continued to express their satisfaction with the University, showing an improvement on six of the 12 measures considered.

The data in the table is drawn from the official Quality Indicators for Learning and Teaching (QILT) indicators on the QILT website. Current student data is drawn from the Student Experience Survey (SES) and graduate data is drawn from the Graduate Outcomes Survey (GOS). Official QILT data is based on results from surveys of students and graduates conducted over multiple years.

SURVEY RESULTS	2018	2019	RANK 2018	RANK 2019
Quality of Educational Experience	78.40%	78.20%	26	26
Teaching quality	80.50%	80.30%	26	29
Learner engagement	55.60%	57.00%	39	36
Learning resources	85.20%	84.20%	17	23
Student support	70.60%	72.70%	30	29
Skills development	79.30%	79.70%	31	27
Student's Overall Satisfaction Rate	80.50%	80.70%	16	18
Performance on Good Teaching Scale	64.90%	64.30%	14	19
Performance on Generic Skills Scale	81.50%	80.60%	20	26
Graduates in full time employment	71.20%	73.90%	20	19
Graduates in full time study	16.50%	15.40%	26	26
Median graduate salary	\$60,000	\$62,600	9	14

## STUDENT WELFARE

Student Welfare provides specialised student support to assist with a range of academic, social, financial and practical needs, associated with:

- Information and advice
- Behaviour, conduct and grievance issues
- Mental health issue
- Domestic and family violence
- Sexual assault and harassment

- Drug and alcohol issues
- Homelessness and accommodation assistance
- Financial problems and food assistance
- Problems with international students' dependents
- Support letters and referrals.

Student Welfare currently provides support in over 2,000 cases each year. Many of these students have multiple and complex needs, requiring a holistic approach to service provision. Support in 2019 included three cases of students being provided emergency accommodation and 16 cases of emergency food vouchers, ranging from \$50–\$100.

In addition to direct student support, Student Welfare also delivered programs and events targeting factors relating to retention. These covered such topics as social isolation, financial insecurity and skill deficit in work/life management.

The UC Belong program is one of these, designed to enhance students' wellbeing and create a sense of belonging. The program includes the Humanitarian Visa Student Support program, providing fiscal support to six students, each of whom engage in one-on-one Study Skills tutoring.

Events run in 2019 under the UC Belong banner included:

- Pop in For Popcorn — an event run in collaboration with the UC Student Access and Retention (STAR) program to provide students with the opportunity to have an informal chat with a support staff member before Census Date.
- kikki.K Workshop — a boutique workshop designed to assist students to develop organisational skills, in study and personal life.
- UC Belong Cooking Classes — hosted by Dr Tanya Lawlis, Assistant Professor Food Science and Nutrition Faculty of Health, these classes provided students with the opportunity to develop skills to cook simple recipes in a social environment.
- Finance Budget Day — an event in which information and support services were offered to help students manage their finances effectively.
- Student Welfare Movie Night — a free movie night at Hoyts cinema for students during 'Stress Less' week.
- Pop Up Support — throughout the semester pop-up stalls, managed in collaboration with the UC Student Access and Retention (STAR) program, provided students with an opportunity to learn more about support services and engagement activities.

Events delivered in collaboration with other support units included:

- Harmony Day
- ANZ University Mental Health and Wellbeing Day
- R U Ok? Day
- Stress Less Week
- International Day for the Elimination of Violence Against Women.

In addition to the above, Welfare staff have participated in the following events coordinated by other units:

- UC College — Amazing Race
- Orientation
- UC College — Transition and Support Event
- Rural Student Welcomes
- Smith Family Giving Tree
- UC 4 Expo
- Professional Learning Forum information stall
- Canberra Law School presents the Hon. Michael Kirby
- Course Advice Day
- Light Up the Night community and wellbeing evening
- Pink Ribbon Day.

## DISABILITY SUPPORT SERVICES

Inclusion and Engagement (I&E) supports students who identify as having a disability and/or health condition. This is achieved through the provision of reasonable adjustments, as set out in the Disability Standards for Education (DSE), to allow equal access, opportunity and participation in university life.

Throughout 2019 I&E registered 323 new students and currently has an overall total of 895 active registrations. The 2019 academic year also saw the roll-out of the new DSE online training module for both academic and professional staff. A total of 290 University staff completed the training. In conjunction with the training, I&E facilitated several workshops within faculties to embed the DSE principles further and to offer intensive Q&A sessions to academics.

The team also delivered new and innovative Digital Tools training sessions, attended by staff and students at the Bruce campus, to highlight the latest in Assistive Technology available on the market. In addition, specialised professional development such as Accidental Counsellor Training was attended by all staff to enhance best practice and service provision for students.

Finally, the I&E office coordinated its relocation from its previous space to co-locate with other student-facing support services in the heart of the Student Centre. The relocation was designed to provide a well-rounded, holistic approach to student support and service delivery, and to ensure strategic goals on inclusivity and equity are maintained.

## NEW FUNDING UNDER HEPPP COMPETITIVE NATIONAL PRIORITIES POOL

A total of \$808,012 in Higher Education Participation and Partnerships Program (HEPPP) funding was received by the University in 2019. The funds have been calculated using the

Statistical Area 1 (SA1) measure and 2017 data, based on the proportion of low socio-economic status students attending the University.

HEPPP grants cover initiatives that increase access to and participation in higher education by domestic undergraduate students from a low socio-economic status background. The goal of the funding is to support the retention, engagement and academic success of those students.

The student support unit known as Widening Participation (WP) utilises this funding to contribute to the University's overarching strategic initiatives, particularly around enhancing the student experience and improving transition and retention rates across the student lifecycle. Throughout 2019, WP worked collaboratively to take an increasingly data-informed approach to supporting students from diverse backgrounds across the lifecycle from pre-access to access, participation and transition out.

Evidence of this is outlined below.

### ASPIRE UC SCHOOLS OUTREACH PROGRAM

Aspire UC is the University of Canberra's flagship schools outreach program, supporting the educational aspirations of high school students and aimed at those traditionally less likely to participate in higher education.

Delivering programs to young people in over 40 schools in regional NSW and the ACT, Aspire UC offers teachers, careers advisers, school leaders, families and communities opportunities to gain greater awareness of the benefits of higher education.

Widening Participation engaged with over 2,000 students on campus and within schools and communities in 2019.

All in-class sessions were designed to increase aspirations and encourage students to think about their life post-school, as well as support their academic achievement.

In addition to school-based and on-campus programs, Widening Participation launched the new Future Focus online modules. They include seven engaging programs that build academic capacity as well as increase awareness around and enhance access to higher education.

### TEACHER PROFESSIONAL LEARNING FORUM

Widening Participation, in partnership with the Faculty of Education, hosted the Aspire Professional Learning Forum in June 2019, with the theme 'Supporting student success through excellence in leadership, research and collaboration'.

Participants from the Widening Participation network of schools took part, including careers advisers, principals, transition and welfare coordinators and other staff.

They enjoyed a range of presentations from the University's academics on topics such as challenges in rural and regional education, creating communities of practice, the student journey and building professional identity.

## UC 4 YOURSELF UNIVERSITY EXPERIENCE DAYS

The university experience program called UC 4 Yourself provides high school students from backgrounds traditionally less likely to participate in higher education the opportunity to experience life as a university student. Students visit the campus to investigate opportunities and explore study and career options they may not have considered previously.

Over 700 students from 17 schools across rural and regional NSW took part in a UC 4 Yourself day in 2019. They met current students, toured accommodation, experienced a faculty-led workshop and enjoyed a mini Open Day Expo.

Feedback from staff, students and academics indicated that the program was informative, educational and inspiring.

## UNIVERSITY EXPERIENCE PROGRAM CAMP

In August, the Widening Participation team hosted a UC University Experience Program.

The program was provided to 35 Year 10, 11 and 12 students from regional areas, including Young, Grenfell, Cowra and Orange.

Students spent two nights in residential accommodation and participated in a three-day program, including a range of faculty-led workshops and stimulating educational experiences. Students also had the opportunity to take advantage of the UC Open Day on 31 August.

The program aimed to increase knowledge and understanding of higher education and career options, build confidence and motivation towards higher education and provide a fun, safe and supportive introduction to life as a university student.

## SUPPORTING ABORIGINAL AND TORRES STRAIT ISLANDER STUDENTS

A number of initiatives aimed at increasing the participation and success of students from Aboriginal and Torres Strait Islander backgrounds were supported by Widening Participation in 2019. These included events and programs in the ACT and in regional NSW, with current University of Canberra students and with families and prospective students in local communities.

### *Wreck Bay NAIDOC Carnival*

Widening Participation took part in the 2019 Wreck Bay Aboriginal Community Council NAIDOC Day in July. The event was held at Wreck Bay Village, near Jervis Bay, and was hosted by the Wreck Bay Aboriginal Community Council to celebrate NAIDOC week.

The event was open to the public and attracted 1,000 attendees of all ages, from various nearby communities.

This was an excellent opportunity for the University to participate in NAIDOC activities and to contribute further to the University's positive relationship with the community.

Many people within this region have limited exposure to higher education options. The University's involvement helps to break down barriers and encourages Aboriginal and Torres Strait Islander people to become more aware of various opportunities.

### *Yass NAIDOC Day*

Attracting over 1,000 community members, including preschool and primary school students from 10 schools across Yass Valley, the 'Yass Local Aboriginal Education Consultative Group and The Binit Binit Learning Community 2019 NAIDOC Day' was a valuable event for the University's Widening Participation team to hold a stall. The stall included Ngunnawal Centre information and a hands-on, career-inspiring activity.

## UNIVERSITY INFORMATION EVENING

The Widening Participation team assisted with University information evenings in Goulburn. Family members and students in Years 10, 11 and 12 from three local high schools were able to learn about the value of higher education and the support they can receive at the Country Universities Centre.

University of Canberra students were on hand to share their personal journeys as well as information about the transition to university. Attendees sought advice on financial support, campus life, the ATAR, courses at nearby universities and moving away from home.

## UNIVERSITY OF CANBERRA STUDENT EQUITY AND ACCESS PLAN

Throughout 2019, Widening Participation, in collaboration with students, academics and staff from applicable business and support units, implemented the Student Equity and Access Plan 2018–2022. This acts as a guiding framework to a university-wide approach to enable the success of students from diverse backgrounds throughout their educational journey.

## STUDENT TRANSITION AND RETENTION

Utilising Student Services and Amenities Fee (SSAF) funds, Widening Participation appointed a Student Transition and Retention Coordinator to develop and implement a wide range of student transition and retention programs, outlined below.

**UC Student Mentoring Program** — A university-wide initiative providing intensive individualised support to commencing students for the duration of their first semester. In addition, the program expanded in collaboration with the alumni team to provide alumni mentors to student mentors.

**Support Pop-Up activities** — Weekly support pop-ups to engage with students, increase students' sense of belonging, build campus life and connect to support services.

**Targeted communication** — Welcome letters sent to commencing students in key priority cohorts in the lead-up to orientation week.

Welcome appointments — All commencing students were offered the opportunity to meet with a support staff member to complete a health and wellbeing check in within their first two weeks.

Targeted orientation sessions — Delivered on Monday of O Week for specific cohorts, these activities assisted students new to Canberra to navigate the University and campus life.

Targeted events — These included welcome sessions and social activities.

## RESEARCH, PUBLICATIONS AND GRANT PROJECTS

Increasing participation rates — The paper *Increasing Regional Participation Rates in Higher Education through University Outreach* was researched and written by Laurie Poretti, University of Canberra's manager of Widening Participation, and published in the August 2019 *Journal of International Studies in Widening Participation*. The research was presented at the Equity Practitioners in Higher Education Australasia (EPHEA) conference and at the National Association of Enabling Educators of Australia (NAEEA) conference.

Best-practice careers advice — The University of Canberra partnered on a collaborative research project with University of Wollongong, University of New South Wales, University of Tasmania, Australian Catholic University and University of Technology Sydney to critically investigate best practice initiatives that relate to careers advice and successful approaches to productive industry engagement for low SES (including Aboriginal and Torres Strait Islander and regional, rural and remote) students. This project will guide careers advice provided to school-aged students, with application across the sector to ensure consistent and meaningful information.

Digital communications — Researchers and Widening Participation equity practitioners from the University of Sydney, University of Canberra, University of Wollongong and Country Education Foundation were granted over \$500,000 from the NSW Department of Education to establish new forms of supportive digital communications for regional students and parents.

Tracking the rural university experience — Dr Philip Roberts from the Faculty of Education, working in collaboration with Laurie Poretti, is undertaking a research project on 'the social and cultural experiences of rural students in university'. The aim of this project is to explore the unique experiences, valuable insights and shared knowledge of rural university students.

### Aboriginal and Torres Strait Islander ACT Outreach Program

In collaboration with internal stakeholders of the University of Canberra and the ACT Aboriginal and Torres Strait Islander Education Directorate, the Aboriginal and Torres Strait Islander Outreach Program is designed to encourage and enable success in Indigenous students in their later

years of schooling to promote progression and development into higher education.

Opportunities are created to celebrate Indigenous leadership and culture, and to empower students in their identity, whilst exposing them to higher education as an achievable possibility.

### Collaborative Partnerships

Widening Participation developed and maintained highly engaged partnerships between schools, industries, communities and the University. This was achieved through its outreach strategy to address the gap in provision of information and support regarding university study and prospective local careers.

### The Smith Family

Widening Participation's continuing partnership with The Smith Family (TSF) enabled further collaboration with students and communities from diverse backgrounds.

The Smith Family Paving the Way to University program was provided to students from a range of diverse backgrounds. These included Indigenous and non-Indigenous students, further enabling reconciliation and increasing the awareness of cultural diversity.

WP's engagement with TSF's Girls at the Centre program has further contributed to the promotion of reconciliation and increased cultural awareness.

### COUNTRY TO CANBERRA

A partnership was established and a Memorandum of Understanding signed with Country to Canberra, a program empowering young rural women to reach their leadership potential. The University of Canberra hosted the 'Power Trip', bringing 18 rural women from across the country to the University for five days. The students stayed in on-campus accommodation and took part in a range of programs facilitated by Careers UC and other student support staff.

### AUSTRALIAN INDIGENOUS MENTORING EXPERIENCE (AIME)

The University of Canberra continued a strong relationship with the Australian Indigenous Mentoring Experience (AIME) team this year, including celebrating AIME National Hoodie Day with UC colleagues from across the University.

### SCHOLARSHIPS

The University of Canberra provided 12 accommodation scholarships of \$4,000 each to support the relocation of students to study at the University. Scholarships were provided through HEPPP funding to students from low socio-economic status and rural, regional and remote backgrounds.

## UC COLLEGE

### ON SHORE STUDENTS AT THE UNIVERSITY AND UC COLLEGE

EFTSL	2015	2016	2017	2018	2019
University (on shore)	10,663	10,741	10,618	10,708	10,652
UC College (pathway programs)	632	521	524	488	483
<b>Total</b>	<b>11,295</b>	<b>11,262</b>	<b>11,142</b>	<b>11,196</b>	<b>11,135</b>

In alignment with the UC College strategic plan (2018–2021), and to meet University priorities of consolidation and growth, UC College undertook an organisational restructure in 2019.

The UC College Academic Board approved the Learning and Teaching Plan (2019–2021), underpinned by the following four pillars:

- Retention, success and progression
- Scholarship in teaching and learning
- Use of technology
- Planning, policies and procedures.

These pillars support the strategic priorities around student experience and operational excellence.

Initiatives implemented in 2018–2019 have resulted in improved progression and retention rates across all UC College programs.

A new Enterprise Agreement (EA) for 2019–2021 took effect in December.

### TOP FIVE COUNTRIES OF ORIGIN – STUDENTS ON AUSTRALIAN CAMPUSES

International on shore students from more than 100 countries were enrolled at the University of Canberra in 2019. The top five countries represented were:

1. China
2. India
3. Bhutan
4. Vietnam
5. Saudi Arabia

### TOP 10 COURSES TAKEN BY INTERNATIONAL STUDENTS ON AUSTRALIAN CAMPUSES

1. Master of Information Technology and Systems
2. Master of Professional Accounting
3. Bachelor of Nursing
4. Bachelor of Information Technology
5. Master of Communication
6. Doctor of Philosophy

7. Master of Education Studies
8. Master of Business Administration
9. Bachelor of Accounting
10. Bachelor of Software Engineering

## AUSTRALIA AWARDS MANAGEMENT

The Australia Awards is a prestigious international scholarship and fellowship offering the next generation of global leaders an opportunity to undertake study, research and professional development in Australia. It is fully funded by the Department of Foreign and Affairs and Trade (DFAT) for people from developing countries, particularly in the Indo-Pacific region, to develop the skills and knowledge to drive change and contribute to development in their own countries. This cohort contributes enormously to the University of Canberra's international student diversity. As of December 2019, there were 32 awardees from 13 different countries.

The International Student Support Service (ISSS) team is the point of contact for DFAT in managing the Australia Awards awardees at the University. In 2019, ISSS celebrated the graduation of 12 awardees and welcomed 11 new awardees. Of the awardee cohort, 75 per cent is undertaking postgraduate study, with 46 per cent conducting a research degree.

Throughout 2019, ISSS continually delivered its dedicated services to awardees. The value of these services has been demonstrated through high awardee satisfaction rate. The program has earned a 100 per cent satisfaction rate from new arrivals for three years in a row, as well as 95 per cent or above from continuing awardees.

### INTERNATIONAL STUDENT HEALTH AND WELLBEING PROGRAMS – THROUGH EXTERNAL SPONSORSHIP

ISSS has established an external sponsorship through Allianz Global Assistance (the University of Canberra's partner for Overseas Student Health Cover) with the mission of developing programs to improve international student health and wellbeing.

In 2019, ISSS continued co-running the Your Food Your Health program with the Faculty of Health, delivering four free cooking classes for international students. ISSS also extended the sponsorship with the University's Medical and Counselling Unit, offering over 150 free flu shots. An explainer video on mental health awareness also began production in 2019, in English, Mandarin, Vietnamese, Indonesian and Arabic.

ISSS's proactive engagement and dedication had enabled a funding increase for 2020, from \$10,000 to \$40,000 annually, including \$20,000 dedicated to mental health programs.

## GLOBAL EMPLOYABILITY PROGRAM

ISSS initiated the International Student Employability Workshop in 2019. It was met with an overwhelming and positive response from students; over 80 students registered for a single session. A partnership with Careers UC, the Global Employability Program (GEP) delivered valuable industry and career knowledge to international students from Nursing, Education, Nutrition and Dietetics.

The GEP is discipline specific, its goal being to maximise work experience during placement. Feedback from attendees was positive, confirming the career-focused support program met or exceeded expectations.

## STUDENT VISA MATTERS AND SUPPORT

ISSS manages the operational process related to international student compliance matters, as per Education Services for Overseas Students (ESOS) requirements. In 2019, a total of 2,695 cases were resolved by the ISSS team. Administrative processes based on the ESOS requirement made up 25 per cent of the cases, while 75 per cent involved assisting inquiry and complex cases international students had in relation to their visas.

## INTERNATIONAL STUDENT WELCOME

ISSS organised two welcome sessions to new international students as part of the UC Orientation. Vital information was delivered, aiming to assist new students navigating and settling in to the University. This included information around how the university works, student visa matters, grievance and misconduct processes, Overseas Student Health Cover, student safety and working in Australia.

The sessions also highlighted social events and other activities, encouraging new students to enjoy a well-balanced academic and social life.

In 2019 a total of 385 students attended both sessions. Research revealed that 86.2 per cent of new students felt more confident commencing at the University after the sessions, and 87.7 per cent rated the sessions informative and valuable.

## INTERNATIONAL STUDENT MEET AND GREET SERVICE

ISSS continues to work closely with Study Canberra to ensure a warm welcome to arriving international students. They are picked up from Canberra Airport, Jolimont Centre or Kingston Railway Station and dropped off to their accommodation at no cost. The service was accessed by 169 international students in 2019, with the majority coming from the study abroad and exchange cohort, UC College.

## INTERNATIONAL PARTNERSHIPS

### GRADUATION CELEBRATION WITH EDUCATION PARTNERS IN CHINA

At the October 2019 graduation ceremonies at the AIS Arena, the University of Canberra was pleased to welcome graduates from its longstanding transnational education partners in China, to receive their awards.

Thirty-two students from the East China University of Science and Technology (ECUST), plus five graduates from Ningbo University (NBU), were in attendance to receive their Master of Business Administration awards.

The University's Faculty of Business, Government and Law first partnered with ECUST in 1999 and with NBU in 2001, with the aim of developing graduate managerial professionals in Shanghai and Ningbo who identify and develop local and international business opportunities that benefit their communities.

The joint programs have been running for around 20 years, resulting in the graduation of over 1,000 advanced managerial professionals.

### SPONSORSHIP AGREEMENT SIGNED WITH THE KUWAIT CULTURAL OFFICE

A sponsorship agreement was signed in 2019 with the Kuwait Cultural Office (KCO). The Cultural Attaché and Head of Kuwait Cultural Office (KCO), Dr Waleed Alrefae, signed the agreement witnessed by His Excellency Mr Monther. B. Al-Eissa, Ambassador Extraordinary and Plenipotentiary of Kuwait. Professor Lawrence Pratchett, Pro Vice-Chancellor, Students, Partnerships and International, signed on behalf of the University.

The University has been working closely with the KCO for several years to establish the sponsorship agreement, which will support Kuwaiti students to study at the University of Canberra, with places secured in the allied health bachelor degrees of nursing, pharmacy, human nutrition, medical radiation science, midwifery and physiotherapy.



## PARTNERSHIP STRENGTHENED WITH THE CHANDIGARH UNIVERSITY IN INDIA

In 2019 the University of Canberra and Chandigarh University launched a joint Indo–Australia Centre for Advanced Studies. The official opening was attended by H.E Ms Harinder Sidhu, Australian High Commissioner to India, University of Canberra Vice-Chancellor Professor Deep Saini, Chandigarh University Chancellor S. Satnam Singh Sandhu and Professor Dr. R.S. Bawa, Vice Chancellor. The launch earned national media coverage, including an article in the *Hindustani Times* Chandigarh edition.

The joint Indo–Australia Centre for Advanced Studies aims to foster excellence in education, teaching and learning, academic research, student mobility and cultural collaboration, not only for the people of Northern India, Punjab and Haryana, but between the people of India and Australia. Both universities sent delegations to each other's campuses in 2019.



The Centre will operate as the underpinning component of the University's partnership with Chandigarh University, which will involve cooperation across several levels.

Future areas of focus of the joint centre include:

- Establishing strong bilateral student mobility between Chandigarh University and the University
- Development of rich academic cooperation between professors, academic faculty and professional staff of both universities
- Sharing of knowledge across teaching, learning and research with University of Canberra academics supporting curriculum delivery in Chandigarh, including cooperation in the development of courseware and curriculum
- Establishment of research projects and research teams to address global issues and challenges important to Australia and India
- Building stronger universities through industry engagement, to contribute to education, training and research that is specific to industry demand

- Ensuring a program of academic and cultural exchange that will see jointly coordinated conferences, seminars and symposia, and opportunities for the sharing of academic and cultural knowledge between India and Australia.

## UNIVERSITY OF CANBERRA IS SAILING TO THE SOUTH PACIFIC

The University of the South Pacific (USP) was established in Fiji in 1968 and is one of only two universities of its type in the world. It is jointly owned by the governments of 12 member countries: Cook Islands, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Solomon Islands, Tokelau, Tonga, Tuvalu, Vanuatu and Samoa.

A Memorandum of Understanding for collaboration between the University of Canberra and USP has been signed to jointly work on teaching and research programs related to health, sports, forensics, climate change, Pacific heritage and data science. The University's Faculty of Arts and Design has been leading study tours to Fiji since 2014.

## PARTNERSHIP WITH THE BANGLADESH UNIVERSITY OF PROFESSIONALS

Established in June 2008, Bangladesh University of Professionals (BUP) is a unique, young public university of Bangladesh. Its strong focus on industry and professions has good synergy with the University of Canberra's vision and strategies.

A Memorandum of Understanding was signed with the BUP during its Vice-Chancellor's visit to the University in 2019. The goal is to collaborate in areas including but not limited to ICT, environmental science and education.

## NAPA OF VIETNAM TO WORK WITH FACULTY OF BUSINESS, GOVERNMENT AND LAW

The National Academy of Public Administration (NAPA) of Vietnam is a leading, national provider of undergraduate and graduate programs related to public administration and public policy. The President of NAPA visited the University of Canberra in 2019 to develop professional development programs to be delivered in-house in Vietnam and on the University campus.

The delegation was warmly welcomed by Professor Leigh Sullivan, Acting Vice-Chancellor and Deputy Vice-Chancellor Research and Innovation, who signed a Memorandum of Understanding. The delegation also met with Professor Wendy Lacey, Executive Dean of Faculty of Business, Government and Law, and her colleagues to discuss program details.

## PARTNERSHIP WITH VIETNAM NATIONAL UNIVERSITY HO CHI MINH CITY

The University of Canberra signed a Memorandum of Understanding with Vietnam National University Ho Chi Minh City (VNU HCM) in 2019.

This followed discussions with VNU HCM on development of a joint proposal, to be submitted to the Vietnamese Ministry of Education and Training (MOET), to attract funding under the Ministry's new Project 89 scheme.

Project 89, announced mid-2019, is a government-funded initiative to enhance the capacity of lecturers and educational managers of higher education institutions. Guidelines for Project 89 are expected to be released in 2020.

A meeting was held in Vietnam at VNU's Ho Chi Minh City campus in 2019, with 10 representatives from VNU HCM and its member universities. Discussions identified key areas of pre-doctoral training, supervisor training, graduate school capacity development and joint PhD programs as potential initiatives.

A further meeting was held with the Director General of the Higher Education Department, Ministry of Education and Training, in Hanoi to receive a briefing from the department about Project 89 and to inform the department of the University's intention to work closely with VNU HCM to finalise details of the proposal. The Director General praised the University as one of the first foreign universities to establish a joint academic program in the teaching of English language in Vietnam and thanked the University for its innovative ideas to support future MOET Project 89 initiatives.

In addition, the University hosted visits from the following international institutions in 2019:

1. Hebei Finance University, China
2. Namseoul University, Korea
3. Henan University of Engineering, China
4. Higher Education study visit from U.K.
5. Jilin University, China
6. Universitas Aisyiyah Yogyakarta, Indonesia
7. Minister Counsellor of Education, Chinese Embassy
8. Vietnam National University of Ho Chi Minh City
9. Malaysian high school students study tour
10. Hubei University, China
11. Diponegoro University, Indonesia
12. Royal Institute of Management, Bhutan
13. Amity University students' study tour, India
14. University of the South Pacific, Fiji
15. Hunan University, China
16. University of South China
17. Aceh Parliament, Indonesia
18. National Autonomous University of Mexico, with the Mexican Embassy
19. Ministry of Public Health, Thailand
20. Prefectural University of Hiroshima, Japan

21. Embassy of Ethiopia
22. Chandigarh University, India
23. Shanghai Institute of Technology, China
24. China Scholarship Council
25. Bangladesh University of Professionals
26. Saudi Cultural Mission Cultural Attaché, Saudi Arabia
27. UNIPA, West Papua Province, Indonesia
28. Beijing Institute of Petrochemical Technology, China
29. Amity University study tour (2nd group), India
30. University of Sri Jayewardenepura, with High Commissioner of Sri Lanka

## ACADEMIC NEWS

### AUTOMATED CARS BEING TRIALLED TO HELP OLDER CANBERRANS

The University of Canberra, ACT Government and Canberra-based company Seeing Machines joined forces to help older Canberrans maintain their independence and health, with the help of semi-automated cars.

The collaboration built on the success of CANdrive's autonomous vehicle trial on driver behaviour, but specifically looked at how semi-autonomous vehicles have the potential to increase mobility for many people who could otherwise be unable to drive.

Trials with 23 volunteer drivers in their 70s and older were completed in 2019. The aim was to investigate how older drivers learn how to use a semi-autonomous vehicle. Almost all said the automatic functions were easy to use.

The ACT Government, which is interested in how automated vehicles might improve the lives of Canberrans, provided a \$75,000 grant for the trial.

### SPORTS MEDIA STUDENT WINS PETER LEONARD SCHOLARSHIP

Graduating University of Canberra Sports Media student Laura Gale was the 2019 winner of the WIN News Peter Leonard Scholarship for Journalism.

The annual scholarship for University of Canberra journalism students is named after WIN News reporter Peter Leonard, in recognition of the contribution he made to journalism in the Canberra region over his 45-year career.

Ms Gale, who interned at WIN News, Canberra Raiders, St George Illawarra Dragons, the ABC and the *Canberra Times* during her studies, is looking forward to pursuing a career in sports journalism.

The scholarship winner receives \$2,500 and will work as a journalist in the WIN Canberra Newsroom for three weeks.



## MAKING A DIFFERENCE IN NEPAL

For the next three years, University of Canberra students on Faculty of Health-led trips to Nepal will focus their efforts on improving facilities, resources and educational experiences at the Shree Barah Guthi School in Syangja District, Gandaki Pradesh.

This is part of an ongoing, sustainable Community Rebuild Program in collaboration with the Canberra-based REACH for Nepal Foundation.

Located in the village of Chiruwa, the school has 32 students, with the oldest about 10 years old.

The school sustained considerable structural damage in the 2015 earthquake. The student group's focus will be the preschool nursery room — cleaning and painting, designing a mural, creating posters for the room and setting up the space. In addition, they'll bring donations of books to encourage the children to read and arrange educational resource kits.

The University of Canberra group will also visit surrounding villages in Syangja, in order to see what support the ongoing program can provide for community health and wellbeing.

## PARTNERSHIP WITH THE AUSTRALIAN INSTITUTE OF SPORT TO OFFER HIGH PERFORMANCE HEALTH PROGRAM

The Australian Institute of Sport (AIS) and University of Canberra have joined forces to develop a unique academic program that will provide health professionals with the skills and insights to optimise elite human health and performance.

The world-first Master of Applied Clinical Epidemiology (MACE) course has been designed by industry leaders and targets those working in sport, defence and emergency services.

MACE will educate participants to better understand health patterns associated with elite athletes and personnel in high-performance environments, identifying risk factors and preventative health care.

## MOU EXTENDED WITH MSVS TO ADDRESS NATIONAL SECURITY SKILLING NEEDS

The University of Canberra extended a Memorandum of Understanding (MoU) with the Microsecure Corporation and Vertical Scope Defence Industry Recruitment partnership (MSVS).

The MoU marks a ground-breaking collaboration addressing ongoing issues around meeting Australia's skilling requirements for sovereign strategic and security capabilities.

The implications of the collaboration are extensive, encompassing the Commonwealth of Australia (CoA), Australian Government, Departments of Defence, Intelligence and Security Agencies, Services Panels, Tenders and other Sovereign Special Projects.

## UNIVERSITY URBAN PLANNING SCHOLAR AWARDED FULBRIGHT SCHOLARSHIP TO US

University of Canberra postdoctoral scholar Dr Sajeda Tuli was awarded a prestigious Fulbright Scholarship. Dr Tuli is one of four academics affiliated with the University to earn the opportunity to study, teach, or conduct research as part of the foreign exchange scholarship program.

The urban planning scholar will spend most of her time at the University of Illinois at Urbana-Champaign, investigating the interactions between knowledge capital and social vulnerability.

Currently working at the Institute of Governance and Policy Analysis at the University of Canberra, Dr Tuli's research focuses on economic development, migration, spatial analysis, benchmarking and index development, environmental issues and urban planning policies of Australian cities and regions.

The following 2019 scholars are also affiliated with the University of Canberra:

- Andrew Carr, Fulbright Professional Scholarship in Australian-American Alliance Studies, funded by Department of Foreign Affairs and Trade
- Marianne Boruch, Fulbright Scholar Award
- Michael Socolow, Fulbright Scholar Award.

## INDIGENOUS STUDENTS SHINE BRIGHT

In a first for the Aboriginal and Torres Strait Islander Tertiary Scholarship program from the ACT Government, all five recipients of the Tertiary Scholarship — Nyingari Little, Jordan Griffen, Courtney James, Lily Coleman, and Karina Hopkins – were from the University of Canberra.

The Minister for Education and Early Childhood Development Yvette Berry MLA, Director-General Natalie Howson and Deputy Director-General Meg Brighton congratulated the students during a presentation in April.

## ARTS AND DESIGN STUDENTS ON SHOW AT 2019 GRADUATE EXHIBITION

Graduating students in the University of Canberra's Faculty of Arts and Design displayed their work at the Student Graduate Exhibition, titled *FADX*.

*FADX* is entirely student-led, from the development of the works to the exhibition mounting, liaising with sponsors, management of branding and printing of exhibition collateral.

Students were given the opportunity to work with a 'blank canvas' to depict their talents, abilities and design beliefs to the public, potential employers and future students.

## EARLY CHILDHOOD EDUCATION STUDENTS PUT TOGETHER POP-UP PLAYGROUND

Almost 30 early childhood education students at the University of Canberra swapped the classroom for the outdoors to run a 'loose parts' pop-up playground for the local community.

The students organised and facilitated the pop-up playground for children aged four to eight as part of their course work in early childhood education.

Loose parts can be any collection of natural or man-made materials and is a type of play that supports children's creativity, divergent thinking and problem solving.

The University students advocated for play and highlighted how important loose parts play is, to inspire children to use their imagination and to remind parents that there isn't always a need to buy expensive presents.



## CELEBRATING THE LAUNCH OF THE CANBERRA BUSINESS SCHOOL

In November 2019, at a social and networking gathering at the National Museum of Australia, ACT Chief Minister Andrew Barr, MLA officially launched the Canberra Business School at the University of Canberra.

The Canberra Business School has been formed by the merging of the School of Accounting and Finance and the School of Management. It offers four main undergraduate degrees:

- Bachelor of Commerce
- Bachelor of Business
- Bachelor of Accounting
- Bachelor of Events and Tourism Management.

The school also has a series of postgraduate degrees, including the flagship Master of Business Administration (MBA).

The Canberra Business School is an opportunity to ensure the current future workforce have the skills necessary to meet and adapt to the future to keep Canberra prosperous.

## UNIVERSITY OF CANBERRA ACCELERATED PROGRAM FOR GIFTED HIGH SCHOOL STUDENTS ANNOUNCED IN ACT BUDGET

The University of Canberra welcomed the ACT Government's budget commitment of \$767,000 over three years for high-achieving Year 11 and 12 students to attend extension courses at the University.

The program is being developed between the University of Canberra and ACT Education with a view to implementation in 2021. The funding will be staggered per year with 2020-2021 at \$182,000 growing to \$260,000 in 2021-2022 and \$325,000 in 2022-2023.

It will offer student extension programs in a range of courses to be agreed between ACT Education, the Board of Senior Secondary Studies and University of Canberra faculties.

## STUDENTS READY TO DESIGN THEIR FUTURE

Two students earned the opportunity of a lifetime to learn from Stanford University Design School, after they were chosen as the University of Canberra's candidates for the University Innovation Fellows (UIF) Program.

The 2019 candidates, Belinda Harris, is studying a double bachelor's degree in Arts in Architecture/Bachelor of Interior Architecture, and Qiaochu Yang, a first-year student Bachelor of Arts in Architecture student, were both selected after a six-month application process.

They were accepted into the UIF six-week online Innovations and Entrepreneurship program, along with several international university students.

## BARBED WIRE AND CHERRY BLOSSOMS NAMED 2020 UC BOOK OF THE YEAR

Author Professor Anita Heiss visited the University of Canberra as her book, *Barbed Wire and Cherry Blossoms*, was announced as the UC Book of the Year for 2020.

The book explores the politics of romance and Australia's part in the second World War. Set in Cowra in 1944, *Barbed Wire and Cherry Blossoms* recounts a love story between a young Aboriginal woman and an escaped Japanese prisoner of war.

The UC Book of the Year event drives engagement and community for students and staff. All commencing students across the five faculties receive a copy of the book, which is integrated into the curriculum and provides a common conversational topic on campus.

## GABBY ROBBERDS' LEGACY: THE SCHOLARSHIP CREATED BY A FAMILY'S LOVE

For children with cerebral palsy, it's vital that committed physiotherapists and occupational therapists are part of their care team.

That understanding underlies the Gabby Robberds Scholarship for University of Canberra students. It's about developing and supporting the next generation of therapists who will play pivotal roles in the lives of the disabled.

Gabby's father, Craig Robberds, and his family created the scholarship in 2012 as a lasting legacy after Gabby passed away in 2010.

This year, scholarship winners Harriet Drane (Bachelor of Physiotherapy) and Rachael Mitterfellner (Master of Occupational Therapy) each received \$1,500 and a practical placement with the Cerebral Palsy Alliance (CPA).





## AFFILIATED SCHOOLS PROGRAM EXPANDING TO MORE CANBERRA SCHOOLS

The Affiliated Schools Program, a partnership between the University of Canberra and the ACT Department of Education, is expanding, with five more Canberra schools to take part, bringing the total number to 26.

The Affiliated Schools Program allows schools in the Canberra region to connect with the University as part of student teacher training. It's also geared towards developing teachers in the field and undertaking classroom-based research to inform and improve their teaching.

The 'Teachers as Researchers' approach sees teachers simultaneously taking on the roles of researchers, allowing them to develop and evaluate innovative approaches to meet the learning needs of school students.

Implemented in early 2019, the program is already producing fantastic results, with strong connections forged between teachers and local schools, which are building the skills teachers will require to meet the needs and aspirations of public school students into the future.

## BUILDING CANBERRA'S FUTURE

Masters of Architecture students Daniel Schorn and Cornelius Pau were awarded the inaugural Alastair Swayn Internship. They will undertake a research assignment within the ACT Government and receive mentorship from ACT Government Architect Catherine Townsend.

Both students will also receive a \$2,500 research grant from The Alastair Swayn Foundation on the completion of their assignment, which includes the opportunity for publication.

University of Canberra Professorial Fellow Alastair Swayn was a prominent Canberra architect and founding partner of the multi-award-winning architectural practice Daryl Jackson Alastair Swayn.

A founding sponsor and Director of the Gallery of Australian Design, Mr Swayn passed away in 2016.

Following his passing, the ACT Government committed to support the establishment of an internship program to enable young, emerging architects to work with the government and honour of Alastair's many contributions.

## SUPPORTING LEARNING OPPORTUNITIES FOR RETIRED PEOPLE

The University of Canberra re-signed a Memorandum of Understanding to continue the University of the Third Age (U3A) program for at least another three years.

U3A is an international program with over 100,000 members in Australia. It promotes lifelong learning by providing educational opportunities for older people. Membership is open to people over 50 who might no longer be in full-time employment.

Participants can register to attend lectures and tutorials at the University, but they are not formally enrolled in a unit or course.

Over the last six years, there have been approximately 200 enrolments in University of Canberra courses, with several people taking the opportunity to re-enrol.



## TEACHING AWARDS

As part of the 2019 Vice-Chancellor's Excellence Awards, the following awards were conferred to recognise outstanding teaching performance:

### Teaching Excellence Early Career Academic

Natalie Larkins

### Teaching Excellence

Associate Dean Dr Barbara Walsh, Faculty of Arts and Design

Assistant Professor Dr John Williams, Faculty of Education

Dr Susan Thwaites, Faculty of Arts and Design

### Citation for Innovative Approaches in Learning and Teaching

BMW with UC Design (Assistant Professor Dr Fanke Peng and Ashleigh Peak from the Faculty of Arts and Design)

INC6 (Associate Professor Dr Jane Frost and Kath Sainsbury from the Faculty of Health)

### Citation for Outstanding Contributions to Student Learning

Co-Design and Healthy Ageing in South Asia (Assistant Professor Dr Fanke Peng, Dr Raghavendra Gudur and Jess Karchinsky from the Faculty of Arts and Design)

Understanding People and Behaviour team (Dr Sally Kelty and Dr Carly Pymont from the Faculty of Health)

### Teaching Excellence Award for Programs that Enhance Learning

Namako Project (Ann Cleary, Dr Milica Muminovic and Associate Professor Dr Hitomi Nakanishi from the Faculty of Arts and Design)

Initial Teacher Education Program Directors (Dr Kathy Mann, Assistant Professor Dr Duncan Driver, Clinical Associate Professor Chris Morrissey and Clinical Associate Professor Kerrie Heath from the Faculty of Education)

## INNOVATION

It is through diverse collaboration that we are able to think innovatively and allow ourselves to push boundaries to re-establish what we consider core business.

# RESEARCH AND INNOVATION

The University research teams had a successful 2019, securing major grants and funding and publishing innovative work in respected publications. Existing partnerships were strengthened while exciting new partnerships were developed.

The quality of the University's research was recognised through improved rankings and improvements in the Excellence in Research for Australia (ERA) National Report.

Research projects were launched and progressed across all of the research institutes and centres, ensuring more quality outputs in the years to come.

## RESEARCH FOCUS AND EXCELLENCE

The University of Canberra's research disciplines deemed to be 'above' and 'well-above' world class have more than doubled in less than three years, according to a government assessment of research excellence. The Excellence in Research for Australia (ERA) 2018–19 National Report reveals a dramatic improvement from the previous 2015 findings, with 82 per cent of the University's evaluated research disciplines at world class or greater, and 41 per cent above world class or greater.

University of Canberra research in the areas of Environmental Sciences, Ecological Applications, Environmental Science and Management, Genetics, Clinical Sciences, and Public Health and Health Services received the highest ranking of 5, or 'well above world standard'.

Those in the 4, or 'above world class', category included eight disciplines – Nursing and Human Movement and Sports Science, Studies in Human Society, Medical and Health Sciences, Information Systems, Policy and Administration, Political Science and Psychology.

Four research disciplines – Psychology and Cognitive Sciences, Artificial Intelligence and Image Processing, Education Systems, and Curriculum and Pedagogy – achieved a ranking of 3 or 'world class' at UC for the first time, giving UC a total number of 14 research disciplines ranked at this level.

It is perhaps unsurprising then, that a number of prominent grants and funding were secured in 2019 across the research centres and institutes.

Professor Rachel Davey, Director of the Health Research Institute at the University of Canberra, won a prestigious \$4 million Medical Research Future Fund grant for a project that aims to keep people out of hospital. The project, titled *Environmental and social determinants of health in ACT: Program interventions aimed at reducing the burden of disease and avoidable hospital admissions*, aims to decrease the burden on the ACT hospital system by reducing avoidable admissions.

Dr Jackson Thomas, Assistant Professor (Pharmacy), is leading a project team that has received \$1.3 million in funding for an innovative new treatment addressing a potentially fatal disease in rural Aboriginal communities. The team received a Medical Research Future Fund (MRFF) Rare Cancers, Rare Diseases and Unmet Need Grant Opportunity, which will enable further trials of its boundary-busting scabies treatment. Dr Thomas and his team based their treatment on Australian tea tree oil, rooting it in Aboriginal bush medicine traditions.

Dr Josephine Caffery secured \$1.2 million from the Australian Centre for International Agricultural Research for her project *Gender equitable agricultural extension through institutions and youth engagement in Papua New Guinea*.

In Papua New Guinea (PNG), female smallholders undertake the major labour in farming whilst also fulfilling valued social roles such as family care. However, women face significant barriers in agriculture, including few opportunities to access agricultural training and unequal gendered family roles in labour and decision making. The Family Farm Teams (FFT) model has successfully assisted women smallholders and their families to improve their family livelihoods by developing an equitable and effective 'family business' approach to their farming activities.

Dr Alison Wain from the Faculty of Arts and Design secured a \$122,000 ARC grant for her project *Laser ablation for restoration and conservation of Sydney Harbour Bridge*. The project aims to develop laser ablation technology as a new restoration and conservation technique for removal of the corroded lead-based paint from the metal structures and reconditioning the granite-dressed pylons in order to maintain the integrity and original views of Sydney Harbour Bridge.

Dr Jacki Schirmer secured \$364,000 funding from the Cotton Research and Development Corporation (CRDC) to investigate *Cotton industry social and wellbeing sustainability indicators*. The CRDC Strategic Plan aims to achieve increased economic, social and environmental benefits for the Australian cotton industry and the wider community. This is in part achieved through improving cotton farming sustainability by measuring and reporting on sustainability.

Three University of Canberra researchers have received a total of more than \$1.2 million in the 2020 Discovery Early Career Researcher Awards (DECRA). Over \$400,000 each was awarded to Associate Professor Dr Phil Roberts for research in rural education for sustainable community futures, to Assistant Professor Dr Mohammad Abualsheikh to examine privacy coupling and personal devices, and to Assistant Professor Dr Munawar Hayat to look at empathy in robots through future AI machines.

Other prominent grants and funding secured in 2019 included:

- Professor Mark Daniel for his project *Spatial management of health risk: Applying geospatial technology for risk visualisation, hotspot identification, and analysis of geographic variation*, funded \$600,000 by CRC Digital Health.
- Ben Broadhurst for his project *Enlarged Cotter Reservoir ecological monitoring program*, funded \$596,565 by Icon Water.
- Dr Debra Rickwood for her project *Dialectical Behaviour Therapy (DBT) for emerging adults pilot program*, funded \$450,000 by Capital Health Network.
- Dr Catherine Paterson for her project *In men choosing radical prostatectomy for localised prostate cancer, does a multimodal pre-habilitation intervention give better functional and quality of life outcomes than usual care?*, funded \$103,653 by Prostate Cancer Foundation of Australia.

- Dr Diane Gleeson for her project *Biosecurity molecular screening using eDNA technology*, funded \$125,526 by the Centre for Invasive Species Solutions.
- Dr Gordon Waddington for his project *Athlete Availability Program*, funded \$100,000 by the Australian Sports Commission.
- Dr Faran Sabeti for his project *Identifying functional biomarkers in eyes at risk of vision loss in Type 2 Diabetes*, funded \$58,826 by Diabetes Australia.
- Dick Telford for his project *Towards physical literacy for every Australian child: the South Australian "proof of concept" for potential PEPL approach rollout*, funded \$650,000 by the Australian Sports Commission.
- Dr Sam Kosari for his project *Integration of pharmacists into the general practice in Australia*, funded \$72,579 by the University of Peradeniya.
- Professor Barbara Norman for her project *Research for national consultation on the new Global Covenant of Mayors framework for local government climate action in Australia*, funded \$50,000 by International Council for Local Environmental Initiatives.
- Professor Stephen Sarre for his project *Smoky Mouse reintroduction*, funded \$120,000 by the NSW Office of Environment and Heritage.
- Professor Mark Evans for his project *Understanding public trust in Australian public services across regional Australia*, funded \$272,727 by the Department of Prime Minister and Cabinet.
- Associate Professor Fiona Dyer for her project *Commonwealth Environmental Water Office monitoring, evaluation and research services Lachlan River system*, funded \$2,935,822 by the Commonwealth Environmental Water Office.

## OFFICE OF ABORIGINAL AND TORRES STRAIT ISLANDER LEADERSHIP AND STRATEGY

The Office of Aboriginal and Torres Strait Islander Leadership and Strategy (OATSILS) guides the development of Aboriginal and Torres Strait Islander workplace culture. It practises and underpins the University in building strong networks and positive community engagement across the campus and with local and national Indigenous communities.

In recognition of the University of Canberra's commitment to Indigenous Higher Education, Professor Peter Radoll was promoted to Pro Vice-Chancellor Indigenous in 2019 to facilitate greater national leadership opportunities as well as University contributions to policy and advocacy.

The Pro Vice-Chancellor Indigenous provides advice to the Deputy Vice-Chancellor Research and Innovation in the oversight of the implementation of the Aboriginal and Torres Strait Islander Strategic Plan 2017–2021 (Indigenous Strategy)

and Reconciliation Action Plan 2018–2020. The office-holder ensures Aboriginal and Torres Strait Islander cultures and perspectives are incorporated into day-to-day operations to generate mutual respect University-wide.

The University of Canberra's values in relation to reconciliation are embedded, where relevant, in all policies and procedures.

Notable projects in 2019 were:

- Secondment of Indigenous staff to Widening Participation (WP) to participate in WP's school programs and recruitment programs, to foster continued understanding of Aboriginal and Torres Strait Islander culture among staff and students
- Secondment of an Indigenous staff member to Learning and Teaching, where they developed the Indigenisation of curriculum framework
- Provision of an inclusive environment for students and staff that supports and embraces a knowledge of, and respect for, diversity and inclusion, and which is free from harassment and discrimination
- Development of agreed-upon, University-wide principles to implement high-impact educational practices as well as innovative approaches addressing the specific needs of Aboriginal and Torres Strait Islander students
- Increasing of Aboriginal and Torres Strait Islander student completion rates in line with the broader UC community
- Embedding of Indigenous procurement in the University's procurement policy.

In 2019 the OATSILS team continued to lead the University of Canberra Indigenous Treatment project. The treatment has become part of the corporate branding of the University and staff have embraced the design and are finding innovative ways to use the treatment.

Areas of implementation include the University's digital presence; the website is distinguished by its cultural design, with the Indigenous treatment flowing through its pages. The treatment is also seen in Widening Participation's promotional products, the Library's carpet, and the People and Diversity team's Welcome cards for new staff.

## NGUNNAWAL CENTRE

The Ngunnawal Centre is a distinctive place in the University of Canberra and plays a key role in supporting Aboriginal and Torres Strait Islander students to navigate a culturally safe educational journey.

Through collaborative action, key strategic priorities have been identified to progress an increase in Aboriginal and Torres Strait Islander retention, progression and completion. The last 12 months involved a significant process of collaboration between the Ngunnawal Centre, faculties and central areas to support a coordinated approach around the involvement of Aboriginal and Torres Strait Islander peoples

in the development and delivery of programs, services and policies. This enabled culturally appropriate and effective solutions and promoted active community involvement.

The Office of Aboriginal and Torres Strait Islander Leadership and Strategy, along with a team from the Ngunnawal Centre, hosted the 2019 Year 12 Dinner Celebration on Thursday 26 September 2019. This annual event is held at the University of Canberra to celebrate Aboriginal and Torres Strait Islander students, from ACT and surrounds, who completed Year 12. With over 150 guests in attendance, the participants included students from 16 high schools and colleges as well as ACT Education Directorate Staff, University of Canberra Executive and staff.

The event was organised by the Ngunnawal Centre team and the night itself was led by the University’s current University of Canberra Aboriginal and Torres Strait Islander students, enrolled in the Ngunnawal Centre Champion program.

### DOMESTIC STUDENTS ON AUSTRALIAN CAMPUSES IDENTIFYING AS ABORIGINAL AND TORRES STRAIT ISLANDER PEOPLES (INCLUDES UCC)

EFTSL	2015	2016	2017	2018	2019
Indigenous	148	160	166	183	198
Non-Indigenous	8,627	8,761	8,948	8,848	8,663
<b>Total</b>	<b>8,775</b>	<b>8,921</b>	<b>9,114</b>	<b>9,031</b>	<b>8,861</b>

## ENGAGEMENT, IMPACT AND PARTNERSHIPS

The University’s Innovation Strategy, adopted in late 2016, covers two areas:

- 1) boosting engagement with public, private and third-sector organisations through knowledge exchange and nurturing of innovation talent; and
- 2) integrating innovation into the University of Canberra’s campus to create a vibrant and open innovation ecosystem.

### ENGAGE UC

Following a review in 2019, the Engage UC brand and physical presence will be retained and promoted more widely as the access point where industry and government can collaborate across all aspects of the University. Initial scoping for a clear Engage UC presence on the University’s website has been undertaken with a goal to launch in early 2020.

### MILL HOUSE VENTURES LTD

Following Council approval in September 2018 Mill House Ventures Limited, located on campus, has activated Mill House Collaboratory and continues to run student-led account and legal clinics for local and regional social enterprises, charities and small businesses. Mill House Ventures are currently working on co-locating an Indigenous Entrepreneurial hub for Indigenous entrepreneurs within their facility.

## NSW SMART SENSING NETWORK

On 26 September 2019, the University formally joined the NSW Smart Sensing Network (NSSN) as one of nine member universities collaborating across multiple research platforms including:

- Space and Aviation
- Resources and Energy
- Manufacturing
- Environment and Agritech
- Built Environment
- Advanced Pipe Sensing.

Through the School of Design and Built Environment in the Faculty of Arts and Design, researchers are working towards leveraging existing and new acoustic technology to critical water infrastructure. This will allow for adoption of world’s best practice in the utilisation of available acoustic and pressure transient sensors with deployment into real, operational water networks. This project is funded through the Chief Scientist at Sydney Water and has application across multiple industry sectors including mining and agriculture.

## DISCOVERY TRANSLATION FUND (DTF)

The Discovery Translation Fund (DTF) assists the commercialisation of new technologies and innovations from the University of Canberra, the Australian National University and Charles Sturt University. The goal of DTF is to help bridge the critical funding gap between discovery research and the commercial development of new technologies and the establishment of new ventures. Six University of Canberra projects were active in 2019 across diverse research fields, including Fluid Telemetry, Somatosensory Assessment and Tactile Cueing systems, among others.

## ARTS FOR RECOVERY, RESILIENCE, TEAMWORK AND SKILLS (ARRTS)

The Australian Defence Force Arts for Recovery, Resilience, Teamwork and Skills (ARRTS) program continued to provide opportunities for current serving wounded, injured and ill service personnel to undertake a month-long creative arts program held at the University of Canberra. The 10th program was completed in November 2019. ARRTS has received approximately 250 participants from the three services and now includes participants from the Australian Federal Police, Department of Veterans Affairs and ACT Emergency Services. Two Defence PhD candidates are undertaking quantitative and qualitative evaluation of past participants.

## CREATIVE ARTS AND DROUGHT COMMUNITY INITIATIVE

Following the National Farmers Federation sponsored Arts and Health initiative undertaken in 2018, a further series of workshops, interviews and engagement programs were undertaken in the NSW town of Condobolin during 2019. This created a national profile, with scope for continued engagement in drought-affected communities across the region.

## QUESTACON

A Joint Research Agreement has been signed with the Department of Industry, Innovation and Science for the development and installation of the Articulated Head exhibition on-site at Questacon. Stage One, completed in May 2019, provided an understanding of the design of the Articulated Head software. Stage two is now underway, examining how people interact with the exhibition.

## HELSIM

Health researchers undertaking modelling of neck force distribution in fast jet pilots with the Royal Australian Air Force have signed a Non-Disclosure Agreement with the world's largest military pilot helmet manufacturer, Gentex, to progress the development of the technology with possible commercial potential.

## PARATUS CLINICAL

An MoU signed in September 2019 aims to progress and formalise the relationship between the University of Canberra and Paratus Clinical, to assist in the establishment and timely progression of Health and Biomedical related human clinical trials.

## SOMATOSENSORY PROJECT

Current patent applications are underway for protection of inventions by researchers in the University of Canberra Research Institute for Sport and Exercise (UCRISE) related to a system and method for measuring dynamic somatosensory ability in athletes.

## MYOPIA

Following extensive and published pre-clinical data research of an ophthalmic solution for the treatment of myopia, the safety and efficacy of which has been extensively tested, additional funding was provided to conduct Phase One, first-in-human safety trials at the University. This trial is a requirement before permission can be granted to commence larger Phase Two clinical trials.

## GRADUATE RESEARCH

Distinguished Professor Jen Webb was appointed as the inaugural Dean of Graduate Research in 2019 to focus on improving the Higher Degree by Research (HDR) candidate experience, the candidature lifecycle, and to foster quality supervision.

### Business Process and System Improvements

The Graduate Research (GR) team focused on Business Process Improvement projects and systems upgrades throughout 2019. This included successful enhancements to the RGrad portal for all HDR candidates and supervisors to view details of candidature and the online Annual Progress Reports workflow for the mandatory reporting of progression for all HDR candidates. In addition, the Research End-User

Engagement tool was successfully launched, bringing the University to the forefront with the capability of real-time Government reporting by HDR candidates and supervisors.

After a successful bid to the Capital Planning and Expenditure Committee in 2019, the HDR Support team has been working closely with Information and Technology Management to scope and develop an online HDR Application portal for admissions and scholarships, with a proposed implementation of mid-2020.

### Researcher Development

The Researcher Development (ReD) team organises and delivers professional development opportunities for researchers across the spectrum, from HDR candidates to experienced researchers.

Program offerings are structured around skill development as identified in the University of Canberra Researcher Development Skills Framework. Targeted programs include the HDR Orientation program, the Early Career Academic Researcher Development (ECARD) program and the Advanced Supervision Program for Improved Researched Supervision (ASPIRE).

The offerings include:

- Research communication training
- Academic writing support including workshops
- Coaching
- Spring Writing Intensive and weekly Shut Up and Write! sessions
- Research management advice
- Time management and planning advice
- Career planning advice.

The two key annual community engagement and outreach activities, Three Minute Thesis and Pitch for Funds, were well attended and received local media coverage. Competition finalists included HDR candidates and academic staff who accessed the comprehensive training program.

### Research Training Scholarships

In 2019 the University awarded a total of 22 stipend scholarships to candidates. Owing to large pipeline commitments from 2016 and 2017, the number of Research Training Program (RTP) Stipend Scholarships awarded for 2019 was capped at 18, allowing a focus on increased quality of applicants. Of the 18 RTP scholarships offered, 17 commenced during 2019.

The University established 18 faculty-based scholarship stipends funded through gifts from philanthropic donors, research grants, or industry partnerships during 2019, of which five commenced in 2019.

## Indigenous Stipend Scholarship

In line with the University of Canberra Reconciliation Action Plan, a new Indigenous Australian HDR Stipend was launched in 2019 and offered for 2020.

## International Research Training Partnerships

The University is continuing to consolidate its strategic partnerships with the Ministry of Religious Affairs (Indonesia), Vietnam International Education Development (Vietnam) and Ministry of Research Technology and Higher Education Republic of Indonesia (Indonesia). New international partnerships are also being explored.

# UNIVERSITY RESEARCH INSTITUTES AND RESEARCH CENTRES

## INSTITUTE FOR APPLIED ECOLOGY

The Institute for Applied Ecology (IAE) had a successful year of research activities in 2019, with over 110 papers published in peer-reviewed journals. There has been a continued focus on publishing in the top quartile journals, including articles in the high impact journals *Nature and a Nature Ecology and Evolution*.

The IAE continued to attract substantial external funding in 2019. Of particular note, Ben Broadhurst and Mark Lintermans secured \$846,514 in funding from Icon Water for ecological monitoring of the enlarged Cotter Reservoir and related research projects. The ecoDNA team led by Professor Dianne Gleeson successfully attracted over \$380,000 in funding from the Centre for Invasive Species Solutions for the use of environmental DNA (eDNA) technology for biosecurity screening, which represents a rapidly expanding area of research for the team.

The IAE's cohort of higher degree by research (HDR) students remains strong, with over 40 students. A third of these are international students. Institute students have also enjoyed success in attracting external funding, such as PhD student Marcello Blaxell who was awarded a \$10,000 Antarctic Science International Bursary to contribute towards funding his PhD research.

Students have been successful in winning awards. One PhD student, Brad Moggridge, had an exceptional year, being the recipient of a long list of awards, including the ACT Young Tall Poppy Scientist of the Year.

Last year, the IAE joined the Centre for Biodiversity Analysis (CBA) as a pathway to establishing meaningful local collaborations between University of Canberra, Australian National University and CSIRO. IAE staff benefited from being part of this Centre in 2019 through success in obtaining CBA ignition grants. These grants provide seed funding for new collaborations between at least two of the CBA partner organisations.

The CBA also hosted several workshops throughout the year, to which IAE staff and students contributed. As a way of broadening connections with government and policy, an Adaptations to Climate Change workshop was hosted by the University of Canberra in 2019. This event was facilitated by CBA's newly appointed Knowledge Broker based within the IAE, Paula Doyle.

Throughout 2019, IAE staff and students have enjoyed communicating their research to the Canberra public. PhD students Kyle Hemming and Florence Awino participated in Sustainable Stand Up, a course that helps students communicate their research ideas about protecting the environment via humorous and impactful performances.

The IAE sponsored several events around science communication, including The Poet's Guide to Science and the very successful Ecology in the Pub event. In these events, science communication covered many forms, ranging from a comedy skit about novel ecosystems, a bedtime story about Tasmanian devils and even songs written and performed by IAE's very own band, the Wildtypes.

## INSTITUTE FOR GOVERNANCE AND POLICY ANALYSIS

The Institute for Governance and Policy Analysis (IGPA) was established in 2014 with the aim of creating and sustaining a world-class research institution for the study and practice of governance and public policy. IGPA conducts interdisciplinary research and education in governance and policy analysis to deepen theory, advance knowledge and improve practice in a way that is of significance to scholars and practitioners in Australia and internationally.

The Institute consists of four research centres:

- The Centre for Deliberative Democracy and Global Governance focuses on the theory, empirical study, and practical application of deliberative democracy;
- The Centre for Change Governance focuses on changes in the relationship between governance (how we are governed) and democracy (what it means to participate in the process through which we are governed);
- The National Centre for Social and Economic Modelling (NATSEM) works closely with Commonwealth and State Governments and NGOs using applied social and economic modelling to inform public policy;
- The 50/50 by 2030 Foundation is dedicated to the provision of high-quality research and advocacy on gender equality issues; and
- Democracy 2025 is a new initiative based at the Museum of Australian Democracy. It aims to drive a national conversation on how we can strengthen democratic practice, celebrate Australian democratic achievements and be the best democracy that we can be.

The Institute has a strong social mission and is committed to the production of leading-edge research and research-driven education programs with genuine public value and policy impact.

Over the past five years exciting opportunities have been created for the development of cutting-edge research in political science and public policy analysis through adopting an inter-disciplinary approach and combining expertise in qualitative and quantitative methods. IGPA is strongly committed to using research to improve public policy and practice.

The activities of IGPA have led to the University of Canberra being ranked number one in Australia and number 22 in the world for research in public policy and administration. Based on Google Scholar citation scores in 2019, IGPA had three of the top 24 most highly-cited scholars who list political science as their field. They were John Dryzek, Gerry Stoker and David Marsh.

In 2019, IGPA continued to be the largest provider of graduate certificates to the Australian Commonwealth Government, with 77 Commonwealth public servants graduating from its education programs with eight PhD completions. A total of 48 PhD students are currently enrolled at the Institute, highlighting IGPA's commitment to passing on knowledge to the future academic generation.

IGPA also attracted \$1.3 million to support its research, much of this coming from Commonwealth and State Government and NGOs, highlighting the applied nature of the research. Of this, \$768,000 came from six Australian Research Council (ARC)-funded projects. IGPA also attracted a further three ARC and National Health and Medical Research Council projects in the 2019 round, highlighting the staff's strong and nationally-recognised research strength.

## RESEARCH INSTITUTE FOR SPORT AND EXERCISE

RISE aims to achieve the primary outcomes detailed in the University of Canberra's Strategic Plan, *Distinctive by Design*, by specifically targeting the four goals outlined in the University's Research and Innovation Plan 2018–2022.

During 2019 RISE continued to develop strong and enduring industry partnerships in the government and non-government sports sectors. This was reflected in the strong growth in research income categories two and three, which increased from \$200,000 in 2015 to over \$1 million in 2018–2019 from Sport Australia, the Queensland Institute of Sport and the NSW Institute of Sport.

In 2019 RISE signed a further five-year extension of the research and teaching agreement with the ACT Academy of Sport and added a MoA with the Australian Sport Anti-Doping Authority. Attracting funding in the ever more competitive grant space continued with a successful National Health and Medical Research Council (NHMRC) grant (Professor Julien Periard) with University of Sydney commencing in 2020 and RISE contributing to four Cooperative Research Centre and Australian Research Council applications in 2019.

In support of its industry partnerships, RISE implements strategies that provide opportunities for external partners

to work with academics and workplace-embedded HDR students to support research challenges identified by industry. In 2019, from a cohort of 52 HDR students across the research themes, RISE provided supervision and research support to 12 embedded doctoral studies programs in national sporting organisations, state institutes of sport and the Australian Institute of Sport (AIS). RISE HDR students were provided with extensive opportunities for inter-disciplinary research, work-integrated learning and a highly regarded student experience, with greater than 80 per cent satisfaction reported with supervisory experience.

Graduates supervised by RISE staff in industry achieved high levels of success in their relevant sector; five graduates are currently employed in Australian National Sporting Organisations as lead scientists. A total of 18 RISE graduates are now employed in various sectors.

In 2019, RISE continued to build on its four original research themes (High Performance Sport, Sport and Exercise Medicine, Physical Literacy and Sport Technology) and has incorporated the developing themes, the Active Brain and Environmental Physiology in 2019.

RISE has remained at the leading edge of excellence in the Sport and Exercise Medicine area. The theme lead has held a five-year conjoint position funded by the AIS from 2015–2019, which has been renewed by the AIS for a further five-year period until 2024.

In 2019, RISE integrated an Exercise Epigenetics research theme. This brought significant new opportunities in category one funding going forward into 2020–2024 and built on pilot work in the emerging field of exercise epigenetics from RISE staff, led by Professor David Pyne. The RISE exercise epigenetics research focus is unique worldwide. The University anticipates substantial possibilities for large consortia grants, new intellectual property outputs and spin-offs to be realised in the next five-year period.

Reflecting the University focus on increasing entrepreneurial activity, RISE staff commenced three commercialisation projects in 2019 from solutions addressing industry questions. They included a tool for load-monitoring injury prevention in Air Force fast jet pilots, a system for predicting future sporting performance ability and impact of injury (provisional patents registered), and a new wearable, injury prevention tool for athletes.

## HEALTH RESEARCH INSTITUTE

The University of Canberra Health Research Institute (UC-HRI) consolidates and showcases the University's health research strengths, building the scale, scope, sustainability and infrastructure necessary to support world-class health research and to take it to the world.

### Geospatial mapping project to help target care to health hotspots in the USA

An innovative international project will use cutting-edge geospatial mapping to better target health services to

those who need them most. It will enable health providers and funders to understand clearly the social and built environmental contexts in which people live, how these and other factors shape their lifestyles and impact on their health, and the availability and accessibility of healthcare suited to their needs.

The three-year project to develop a comprehensive, real-time Health Atlas is a collaboration between Australia's Digital Health Co-operative Research Centre (CRC), HMS of the USA, and the University of Canberra's Health Research Institute.

The Health Atlas will enable the better targeting and evaluation of more personalised healthcare. It will use geospatial technology to map with more precision where people live and the contexts of their local environments. The Health Atlas will provide a set of social, built and physical environmental variables that can be attached to Medicaid (USA) claims and costs data.

### Australian Geospatial Health Lab

Officially launched in 2019, the Australian Geospatial Health Lab will map the way forward for a healthier population, drawing on a combination of geospatially-expressed environmental and health data to improve overall population health and wellness.

The Lab's ground-breaking approach will provide insight into and analysis of population health patterns, supporting healthier lifestyles and helping to prevent chronic illness. This will ultimately reduce future demand on hospitals and the health system.

The Lab is the result of a partnership between the University and Esri Australia, the global leader in the Geographic Information System (GIS) technology underpinning its work.

The GIS infrastructure ingests and analyses many different themes of data, organising the data together in a visual manner to form multi-layered 3D visualisations, informed by spatial statistics.

### University of Canberra joins Stanford University in opioid study

The Health Research Institute is assisting a new project by Stanford University that will use linked claims data – sourced from a de-identified Medicaid (USA) dataset – to gain a deep understanding of patterns of opioid use and prescription, and develop new insights into what constitutes successful treatment. It will accomplish this utilising novel machine learning methods to extract interpretable patterns and associations in opioid prescribing and use.

Opioids are a first-line treatment of pain following surgery, but this may be a gateway to opioid misuse and addiction. Over the past decade, opioid misuse and abuse has become a major epidemic crisis in the USA. Most surgical patients receive opioids regardless of co-morbidities, prior opioid-related problems, or possible drug–drug interactions.

In addition, the success of treatment using opioids is likely to be a complex function of a variety of individual and societal level factors, which are currently not well understood.

The project is highly relevant to a range of stakeholders, both in Australia and overseas and there are plans to develop a similar study in Australia.

### CENTRE FOR RESEARCH AND THERAPEUTIC SOLUTIONS (CRESTS)

In 2019, CReTS has continued to make a significant contribution to the field of biomedical research. This has been noted by nine invitations to speak at leading international conferences, the awarding of \$400,000 in competitive research funding (National Heart Foundation [Nicole Beard], AgriFutures Australia [Michael Frese and Murali Nayudu], Discovery Translation Fund [Regan Ashby]), two PhD completions, three honours completions with first class, as well as members chairing a number of research committees and conferences. These include the Anatomy and Pathology Scientific Program Chair for the Association for Research in Vision and Ophthalmology which has over 15,000 members. Over the period of 2019, CReTS published 28 peer-reviewed scientific articles in leading field-specific journals. Of note were several high impact articles, some of which are already highly cited:

- Interventions for the treatment of acute hereditary angioedema attack; *Cochrane Database of Systematic Reviews*, 2019(8), CD013402 (IF 7.75). Michael Frese, Nicole Beard and Kerry Mills.

This is a critical Cochrane review of the literature around the efficacy and safety of interventions in the treatment of acute hereditary angioedema (HAE) attacks.

- Interventions for the long-term prevention of hereditary angioedema attacks; *Cochrane Database of Systematic Reviews*, 2019(8), CD013403 (IF 7.75). Nicole Beard, Michael Frese and Kerry Mills.

This is a critical Cochrane review of the literature around the efficacy and safety of long-term interventions to prevent hereditary angioedema (HAE) attacks.

- Verdinexor (KPT-335), a selective inhibitor of nuclear export, reduces respiratory syncytial virus replication in vitro; *Journal of Virology*, 93(4), e0168418 (IF 4.7). Reena Ghildyal.

This article reports on the ability of the compound Verdinexor (KPT-335) to inhibit respiratory syncytial virus (RSV) replication, the leading cause of hospitalisation of infants and young children.

- IMI – Report on experimental models of emmetropization and myopia; *Investigative Ophthalmology and Visual Science*, 60(3), pp. M31-M88 (IF 3.81). Regan Ashby.

This large international collaboration reports on the aetiology of the visual disorder myopia based on 50 years of animal work. This article will form the basis for the World Health Organization's 2020 white paper on the treatment of myopia.

- Effectiveness and safety of topical levodopa in a chick model of myopia; *Scientific Reports*, 9(1), 18345 (IF 4.12). Regan Ashby.

This article reports the pre-clinical data associated with a novel ophthalmic treatment for the visual disorder myopia; the treatment was developed at the University of Canberra. This novel treatment has now entered clinical trial.

## CENTRE FOR CREATIVE AND CULTURAL RESEARCH

The Centre for Creative and Cultural Research (CCCR) focuses on applied research into creativity. It conducts imaginative and practical experiments that address the challenges confronting an increasingly interconnected world.

In 2019 CCCR Professor Tracy Ireland took up the position of Director as Distinguished Professor Jen Webb moved to the role of Dean of Graduate Research. Professor Webb led the CCCR since its establishment in 2013 and prepared the successful bid for the CCCR to become a strategically funded University Research Centre.

With this renewed commitment, CCCR research teams are excited about the future, and wish to acknowledge and thank Professor Webb for her outstanding leadership and contribution.

Through its four main research pillars – Future Heritage, International Poetry Studies, Arts and Health, and Story, People, Place – the CCCR delivers high impact research at the cutting edge of cross disciplinary approaches to creativity and society. It has also maintained its ERA ranking of world standard working in the area of creative writing.

CCCR members focus on service to the scholarly and end-user communities, continued to pursue editorial and board membership and support a growing number of HDR candidates. A fortnightly research seminar was held throughout the year and the CCCR published three issues of the peer-reviewed journal *Axon: Creative Explorations*.

### Major projects

In *Future Heritage*, Ross Gibson progressed his ARC Discovery Project on utilitarian film, while the Heritage of the Air ARC Linkage project, led by Tracy Ireland, completed its second year, culminating in a major conference held in partnership with Australia International Council on Monuments and Sites (ICOMOS). With over 200 delegates and 87 presentations, the conference was a large event that established new directions for research into the heritage of the modern era.

The *Story, People and Place* research team had an impressive year with Dr Cathy Hope securing a successful tender worth \$945,000 to run a series of site-specific and urban planning

experiments activating Haig Park. This project had a 10-month deadline and was delivered to wide community acclaim.

The innovative *Story Ground* project was completed in 2019 having successfully delivered outreach and published research outcomes on Indigenous student engagement in the area of creative writing.

In *Arts and Health*, the Defence Arts for Resilience Training Support (ARRTS) project once again delivered two, one-month long, intensive workshops over the year and further developed their research connections with the University of Adelaide and institutions in the USA, focusing on arts and trauma research.

The *International Poetry Studies Institute* team continued to explore how artists collaborate and produce work that contributes to cultural understandings through poetry. The annual *Poetry on the Move* festival again built on its strong reputation, bringing many international and national poets to Canberra. The festival opened with a night of Aboriginal and Torres Strait Islander poetry, and continued over four days of workshops, book launches, seminars and evening readings across Canberra. The festival concluded with a one-day symposium and the announcement of the Vice Chancellor's International Poetry Prize at Canberra Museum and Gallery, which went to Paula Bohince for her poem *Insomniac at the Ice Shack*.



## STEM EDUCATION RESEARCH CENTRE

The STEM (Science, Technology, Engineering and Mathematics) Education Research Centre (SERC) focuses on innovations in STEM education research under the leadership of Centenary Professor Tom Lowrie. In 2019, SERC continued its work on three major projects; two Australian Research Council (ARC) Spatial Reasoning Projects and the Early Learning STEM Australia (ELSA) Pilot.

Initial funding of \$5.6 million was awarded to SERC by the Australian Government Department of Education and Training under the National Innovation and Science Agenda to conduct a pilot for completion in 2018. Success of this pilot has resulted in SERC being awarded an additional \$2.1 million in funding in 2019 to extend the program until December 2020.

ELSA supports the ‘Inspiring all Australians in digital literacy and STEM’ measures, which seeks to increase the participation of Australian children in STEM and improve their digital literacy.

Two Australian Research Council (ARC) Discovery projects have continued to be successfully implemented across 2019. The first, titled *Processing graphical information in digital environments: Visuospatial reasoning in mathematics*, investigated the mathematics reasoning students employ to solve tasks usually found in high-stakes testing situations and compared students’ reasoning across different representation modes (such as static and dynamic forms).

The second ARC project, titled *Equity and spatial reasoning: Reducing the mathematics achievement gap in gender and social disadvantage*, aims to better understand the influence of spatial reasoning on school mathematics. The project investigates the role and nature of spatial reasoning in students’ mathematics development. It also substantiates the extent to which a spatial learning program has a long-term effect on educationally disadvantaged students’ mathematics performance and reasoning.

During 2019 SERC welcomed Assistant Professor Ilyse Resnick, who joined us from Penn State University, and Assistant Professor Christina Lommastch, from Utah State University. Additionally, SERC was honoured to host renowned academics Professor David Uttal (Northwestern University), Professor Lynn Liben (Penn State University) and Professor Patricia Moyer-Packenham (Utah State University).

## NEWS AND MEDIA RESEARCH CENTRE

The News and Media Research Centre (N&MRC) had a transformative year in 2019. Professor Kerry McCallum took up the role of N&MRC Director in June, continuing the work of Acting Director Caroline Fisher, who had guided the Centre since previous Director Sora Park stepped aside in December 2018 to commence her new position as Associate Dean, Research of Faculty of Arts and Design.

Under Professor McCallum’s leadership, the N&MRC submitted a successful bid for recognition as a University Research Centre 2020–2022. Strategic funding from the Deputy Vice-Chancellor, Research and Innovation facilitated the appointment of Dr Kate Holland as Senior Research Fellow, the secondment of Dr Jee Young Lee as Digital News Report Postdoctoral Research Fellow, the N&MRC PhD Scholarship and support for the Breaking Silences PhD Scholarship.

Together with the Centre for Creative and Cultural Research (CCCR), the N&MRC co-hosted the 2019 annual conference of the Australian and New Zealand Communication Association (ANZCA) at Old Parliament House from 3–5 July. Overall, 174 people attended the conference over the three days and 111 papers were presented. The conference events were rounded out by a successful pre-conference for PhD students and early career researchers held on campus.

The *Digital News Report: Australia 2019* was launched at the Mint in Sydney on Wednesday 12 June, to an audience of media industry professionals, academics and University alumni. Lead author Assistant Professor Caroline Fisher promoted the report’s findings through a comprehensive suite of media interviews and podcasts. In December, *Digital News Report: Australia 2019* was named the top resource for 2019 by Analysis and Policy Observatory (APO) in its annual list of most-viewed content.

The impact of the N&MRC’s *Digital News Report: Australia* on policymaking was again demonstrated by its 17 citations in the final report of the Australian Consumer and Competition’s Digital Platforms Inquiry.

Several new research projects received funding in 2019, including grants from the Department of Communication and the Arts, Google and Social Science One. Work commenced on three ARC-funded projects, led by Professor Kerry McCallum and Associate Professor Glen Fuller. Mathieu O’Neil took part in a meeting at the Ford Foundation in New York City with other grantees of the Alfred P. Sloan and Ford Foundation’s Digital Infrastructure grant.

The N&MRC was pleased to host several international visiting scholars throughout 2019. Fulbright Fellow Dr Michael Socolow joined the Centre from the University of Maine, USA. During his six-month fellowship he collaborated with N&MRC members and academics from UC RISE and presented an N&MRC seminar. Associate Professor David Karpf visited from George Washington University in the USA and delivered a keynote speech at the ANZCA 2019 conference. Dr Sun Ping from the Chinese Academy of Social Science visited the N&MRC and provided an engaging seminar about her research into gig economy workers. In November the Centre hosted a delegation from the Korean Committee on the Impact of Media Concentration.

## CENTRE FOR ASIA PACIFIC SCHOOL AND COMMUNITY ADVANCEMENT

The Centre for Asia Pacific School and Community Advancement (CAPSCA) had a number of highlights in 2019. The major international interdisciplinary conference, *Seeds of Change: Gender equality through agricultural research for development*, was held at the University of Canberra from 2–5 April. This conference was co-funded by the University, the Australian Centre for International Agricultural Research and the Collaborative Platform for Gender Research of the Consultative Group on International Agricultural Research (CGIAR). The conference was a sold-out event with 280 participants from 45 countries. The public lecture by Professor Naila Kabber of the London School of Economics was produced as a podcast by the ABC program *Big Ideas*.

Major research achievements included two category one research grants. One was *Gender equitable agricultural extension through institutions and youth engagement in Papua New Guinea*, by Associate Professor Jo Caffery, and the other was *Improving agricultural development opportunities for female smallholders in rural Solomon Islands*, by Dr Deborah Hill.

Associate Professor Phil Roberts was awarded a Discovery Early Career Researcher Award (DECRA) grant for *Engaging rural knowledges in education for sustainable community futures*.

In 2020, CAPSCA will be replaced by a new University Research Centre called the Centre for Sustainable Communities (CSC). This naming signals the link to the UN Sustainable Development Goals, demonstrating the University's international academic contributions to evidence-based sustainable development at population, community, school system and family levels. The CSC brings together four research groups:

- The *Action Research for Development research group*, led by Professor Barbara Pamphilon AM., that uses asset-based community development analysis, appreciative inquiry, participatory action learning and the co-construction of knowledge to work with, and for, marginalised groups and/or those with low literacy. The research focuses on how groups can be reached through experiential and informal learning that harnesses and values their local knowledge.
- The *Comparative and International Education for Development research group*, led by Centenary Professor Moosung Lee, that specialises in the use of data in large-scale comparative research that directly informs quality development of the school system as a whole, rather than on the more common approach of studying schools, classrooms and individual teaching practice. This is complemented by research on international education leadership and communities of practice.
- The *Rural Education and Communities research group*, led by Associate Professor Phil Roberts, that leads research focused on empowering rural schools and their communities. With a focus on the sustainability of rural communities, this group aims to make a lasting contribution to both theoretical and practical developments in rural education research. Situated within rural sociology, the sociology of knowledge, educational sociology and social justice, the group is at the forefront of developing this field in Australia and is internationally advancing rural education and rural studies in new directions by utilising a plurality of theory and methods.
- The *Learning Communities research group* brings together a number of new academics who use a range of innovative and emergent culture and asset-based methodologies to examine Indigenous and cultural worldviews. The aim is to identify and develop educational insights that can progress social change from families though to entire communities.

## RESEARCH NETWORKS

### COLLABORATIVE INDIGENOUS RESEARCH INITIATIVE

The University of Canberra's Collaborative Indigenous Research Initiative (UC CIRI) aims to grow Indigenous research capacity and impact at the University. This is achieved through the requirement of an Indigenous Chief Investigator or Partner Investigator as well as an Indigenous-led steering committee for each funded project. Additionally, the program aspires to the appointment of Aboriginal and Torres Strait Islander people to the CIRI governance committee. CIRI had a major Indigenous committee in 2019.

In 2019 UC CIRI's mission, vision and purpose were achieved through:

- Seminars, research symposia, lectures and workshop events that included high-profile international researchers together with University of Canberra scholars
- Scholarships for Indigenous postgraduate students
- A research grant program that supported collaborative research with Aboriginal and Torres Strait Islander communities, prioritised projects with a clear path to tangible positive impact for Indigenous Australian peoples; and facilitated opportunities for mentoring and support of emerging Indigenous Australian and non-Indigenous researchers.

Sustainability and growth into the future, including a commitment in the Aboriginal and Torres Strait Islander Strategic Plan and the Reconciliation Action Plan to establish an Indigenous-led research centre with national impact, will require further commitment and an assurance of resources.

### UC CIRI Scholarship Program

The UC CIRI Scholarship Program has provided support to four Aboriginal and Torres Strait Islander Higher Degree by Research candidates to assist them with field research, study, and in presenting at conferences and being a part of a collaborative effort between the University and Kaohsiung Medical University in Taiwan.

Paul Perkins, one of UC CIRI's Aboriginal PhD candidates, graduated in 2019. Dr Perkins attended the Writing Retreat hosted by OATSILS at the end of 2018 and said the interaction with the other participants and the discussions held with the eminent professors leading the workshop was invaluable to him as he headed into the final stages of his PhD.

### UC CIRI Visitor Program

In 2019, UC CIRI supported two academic visits to encourage the growth of research quality and capacity in Indigenous research through collaboration. This included hosting:

- Apu'u Kaaviana, an Indigenous Taiwanese project consultant and spiritual leader of the Indigenous tribe Kananavu, and Chin-ju Lin, who is an Assistant Professor at the Kaohsiung Medical University, Taiwan

- Yin Paradies, a Professor and Chair in Race Relations, Indigenous Knowledge and Culture Coordinator at Deakin University. Professor Paradies has an eminent international reputation and is one of Australia's foremost experts on race and intercultural relations, especially in the area of health, social and economic effects of racism, and anti-racism theory, policy and practice. Along with lectures, Professor Paradies held discussions with staff on Indigenising tertiary curricula.

## RESEARCH NEWS

### Aboriginal and Torres Strait Islander peoples' connection to the land can influence conservation

Aboriginal peoples' connection to the land is based on an instinctive understanding passed through generations. It is this connection that could influence the future of nature conservation in Australia.

According to Australian conservationist and Adjunct Professor at the University of Canberra Professor Peter Bridgewater, in his recently published paper in *BioScience*, this intergenerational knowledge can inform a realistic response to nature conservation and agricultural practices in Australia.

"Their ancestral connection to the land gives the Aboriginal people a profound understanding of land use and conservation that can surpass the knowledge of many well-versed experts," said Professor Bridgewater.

A good example of land care is the use of fire employed by the Aboriginal people in the past, to help with hunting as well as grassland management. This created a landscape that reflected good land care management that was fire resistant.

"The managed conservation approach could potentially transform the Australian landscape in the future and return it to its lush green value of the past," said Professor Bridgewater.

### Researcher fishes for rare fossil ear bones

Dr Michael Frese, an Assistant Professor at the University of Canberra and Research Associate at the Australian Museum, discovered hundreds of fossil fish ear bones (otoliths) in the Talbragar Fish Bed near Gulgong, NSW. The fossil-rich Talbragar sediments were deposited in an inland lake during the Late Jurassic, about 150 million years ago.

Otoliths are heavily mineralised particles in the inner ear of fishes. They enable fishes to sense gravity, acceleration and deceleration, essential for proper balance and movement control.

Isolated otoliths are known from various fossil sites, but Jurassic fishes with their otoliths still in place are extremely rare. This gap in the fossil record makes it difficult to determine which fossil otoliths belong to which species of fish.

Dr Frese describes the rarity of these findings. "Until recently, only two Jurassic fishes were known worldwide to show otoliths in situ and one of these was only a head carved out from the stomach of a predatory fish."

The discovery provides insights into the evolution of the central nervous system in fishes.

### Innovative system will improve water sustainability at the National Arboretum

A new soil moisture measurement system designed by the University of Canberra has improved forest irrigation monitoring and paved the way for more sustainable watering monitoring at Canberra's National Arboretum.

ACT Attorney-General Minister Gordon Ramsay launched the *Smart Soil Moisture Monitoring System* at the National Arboretum.

University engineering students, led by Dr Kumudu Munasinghe, designed and installed the *Smart Soil Moisture Monitoring System* to assist with the management of forests at the National Arboretum. It is currently implemented in 10 forests.

University of Canberra Vice-Chancellor and President, Professor Deep Saini, said the partnership was an excellent example of how the University, ACT Government and industry stakeholders can work together.

### Students invent balance ball to prevent falls in the elderly

A project from two University of Canberra PhD students, the Equilibri Balance Ball, aims to help reduce falls in the elderly and the balance-impaired, such as Parkinson's disease sufferers.

Hayley Teasdale (Physiotherapy) and David Hinwood (Robotics Engineering) developed the Equilibri Balance Ball to retrain proprioception, the sense of where your body is in space.

"As you get older, you rely more on sight, rather than on proprioception to keep your balance," Ms Teasdale said.

This makes it easier for falls to occur in low light conditions, or as eyesight deteriorates. The neural pathways that control proprioception also diminish from disuse.

The Equilibri Balance Ball works to retrain that sense. This, in turn, rebuilds neural pathways and improves balance.





## CANBERRA GETS ITS VERY OWN DRAGON

A recent study into the Grassland Earless Dragon has determined that what was once thought to be one species is in fact four, and one is specific to Canberra.

A joint genetic and taxonomic study conducted by Museums Victoria, South Australia Museum, the University of Canberra and the University of Melbourne, has revealed the new findings in a paper published in *Royal Society Open Science*.

“Not only does our beloved Canberra Grassland Earless Dragon get a change of scientific name to *Tympanocryptis lineata*, but this change means that its distribution is now confined to some small remnant patches of grassland in the ACT and nearby Queanbeyan,” Professor Stephen Sarre from the University’s Institute for Applied Ecology (IAE) said.

“The populations of Grassland Earless Dragons that live near Cooma, which were formally believed to be the same as those living in the ACT, have also been recognised as distinct. They have been named after prominent ACT ecologist and IAE Adjunct Dr Will Osborne.”

The four new species are spread across south-eastern Australia and are found in Canberra, Victoria (*Tympanocryptis pinguicolla*), near Cooma (*Tympanocryptis osbornei*) and near Bathurst (*Tympanocryptis mccartneyi*).

## Getting to the 'Art' of Dementia: Researchers highlight benefits of art intervention

University of Canberra researchers have shown that art gallery programs can improve the wellbeing of people living with dementia — and they've backed it up by testing study participants' saliva.

Published in the *Journal of Alzheimer's Disease*, the study monitored new participants of the National Gallery of Australia's (NGA) Art and Dementia program over six weeks.

Participants' saliva was tested to determine levels of cortisol — best-known as the main stress hormone — as it plays an important role in regulating mood, the cycle of sleep and wakefulness, and blood pressure, among others. The study is the largest of its kind in the world to measure biomarkers.

Lead researcher and University of Canberra PhD candidate Nathan D'Cunha said normal cortisol levels are usually high upon waking, then drop throughout the day and bottom out at bedtime. In people living with dementia, this rhythm is disrupted, resulting in increased frailty, agitation and decreased cognitive performance.

It was reported that following the program, self-reported depressive symptoms decreased and working memory and verbal fluency improved.

Mr D'Cunha presented the results at the AAG National Conference and the Gerontological Society of America conference in Austin, Texas.



## eDNA: A new tool to establish invasive species eradication success

A group of researchers from the University of Canberra examined how environmental DNA (eDNA) surveys can be used as a cost-effective method to detect invasive species present at low densities.

Published in the *Journal for Applied Ecology*, the research looked at the invasive European carp, *Cyprinus carpio*, in two Tasmanian lakes that have been undergoing a carp eradication program since 1995.

"eDNA surveys involve the collection and analyses of an environmental sample, like a water sample, to infer a species presence from trace amounts of DNA they shed into their environment," said Dr Elise Furlan from the University of Canberra.

"eDNA surveys can provide a cost-effective way to detect species at low densities and importantly the sensitivity of eDNA surveys can be quantified. Therefore, they can be a valuable tool to determine if an invasive species, especially an aquatic species, is present or not."

## Research highlights potential inequalities in NSW education curriculum

The first report looking at access to and achievement in the NSW curriculum was released by University of Canberra researchers, highlighting inequalities in access to the NSW Higher School Certificate (HSC).

Researchers undertook a comprehensive study, with reference to the socio-cultural characteristics of students and schools.

They found the socio-economic status of a student's parents, school location and gender have significant influence on participation and performance in NSW.

Associate Professor in the Faculty of Education at the University, Dr Philip Roberts, said there are some subjects studied by more advantaged students and which contribute more to their final ATAR grade.

"It seems we like to think that everyone has equal access to achieving in the NSW HSC, but our research shows that this is not quite the case," said Dr Roberts.

The research also shows that gender continues to play a big role. For instance, females study the more service-orientated subjects such as community and family studies and textiles and design at about eight times the rate of males. Males study more subjects such as engineering and software design at about eight times the rate of females.

## Study reveals more than one third of Australian freshwater fish are threatened

A study by the Institute for Applied Ecology (IAE) at the University of Canberra found 37 per cent of Australian freshwater fish are threatened with extinction.

The study, led by Associate Professor Mark Lintermans and involving more than 50 national fish experts, assessed almost 250 Australian freshwater fish species and found that 88 were threatened with extinction, with another 16 assessed as near-threatened.

The study was part of an assessment by the International Union for Conservation of Nature. It was published in Red List, recognised as the international benchmark and the most authoritative list of threatened species.

The study shows the major threats to Australian freshwater fish around the country are climate change (58 per cent), invasive species (93 per cent) and habitat loss or disturbance (73 per cent).

## How many school students are visiting Canberra? New excursion data

ACT Chief Minister Andrew Barr MLA launched new research into school excursions to Canberra, conducted by Dr Naomi Dale from the University of Canberra.

Dr Dale's research showed teachers see Canberra as a pre-eminent school excursion destination in Australia, with 164,967 interstate school children visitors in 2018.

"Overall there has been an increase in the number of visitors to Canberra since the data collection began in 1997," said Dr Dale.

"The majority of Canberra's interstate visitors come from NSW (50.1 per cent), followed by Victoria (18.5 per cent) and then South Australia (12.6 per cent). We are finding quite high regional and rural numbers as well, with 30% of those visitors from these areas."

As for the economic benefit for Canberra, Dr Dale explained it's likely to be more than people expect due to expenditure on accommodation, programs and transport.

## PhD student creates gender advocacy toolkit to enable effective engagement

Looking to empower gender advocates to engage effectively with policymakers, University of Canberra PhD student Joanna Richards created A Toolkit for Gender Advocacy.

"Parliament is a place filled with unwritten rules," said Ms Richards, a PhD candidate at the 50/50 by 2030 Foundation at the University's Institute for Governance and Policy Analysis.

Ms Richards found herself in a unique position to investigate and decode those rules last year, when she was seconded to the office of Dr Andrew Leigh, MP for Fenner.

The comprehensive toolkit includes information on building and maintaining relationships with politics, effective communications and how to build a strong case backed by data — all of which are important tools in the arsenals of lobby groups.

One useful piece of advice from Ms Richards: never go into a meeting without wanting something, or an 'ask'.

"The thing about gender advocacy is that it's rarely a simple question — you may need to explain a list of concepts as part of your 'ask' — and that's why you need to formulate it properly beforehand," she said.

The toolkit is designed to be used by everyone from experienced advocates, to those new to navigating the hallways of advocacy.

## Research will teach computers to better understand human moods

A project led by the University of Canberra is looking at teaching computers to better understand the complexity of human emotions.

The five-strong research team, with Professor Roland Goecke from the University's Faculty of Science and Technology as the lead researcher, secured a \$395,000 grant from the Australian Research Council. The team is investigating multimodal techniques that can sense very subtle expressions in human moods and emotions.

The project will address the issue of specificity through novel analysis of subtle cues in facial and vocal expressions of affect, embedded in a multimodal, deep-learning framework.

Humans often have a complex overlay of emotions. This project will look at training computers to detect the nuances.

In a similar scenario to the benefits of a blood pressure monitor, computers could become a diagnostic aide for physiologists through analysis of emotions when dealing with patients with mental health issues.

## A natural solution to save the bees

A research project led by microbiologist Dr Murali Nayudu is exploring the use of probiotics to save bees from chalkbrood disease.

Caused by the fungus *Ascosphaera apis*, the disease can kill a large number of a colony's brood, affecting hive operations and honey output and making a colony susceptible to diseases and pests.

The 15-month project, which began in October 2018, is looking at using probiotics, or beneficial bacteria, to strengthen hives, helping them to resist and even recover from chalkbrood. It's a natural solution that won't affect honey production or quality.

## Empowering young people to create positive mental health trajectories

Early intervention can influence and change the mental health trajectory of a person's entire life. A dedicated University of Canberra team is pioneering a new program to support young people with mental health issues.

The free, 14-week WOKE DBT program is geared towards those aged 15 to 21.

Dialectical Behaviour Therapy (DBT), adapted to an early intervention framework, is a cornerstone of the program. DBT is used in therapy for people with emotional instability and those with multiple social and emotional issues, including self-harming behaviour.

"This program is especially for young people using unsustainable ways to regulate their emotions, such as self-harm, turning to drugs or alcohol, or impulsive spending," said Senior Lecturer in Psychology Dr Dean Buckmaster.

"It's for those dealing with a lot of emotional instability, whose heightened emotional vulnerability has them feeling distressed and overwhelmed, and who have a broad range of emotional and social difficulties."



## AUSTRALIANS ARE FACT-CHECKING TO COMBAT FAKE NEWS

High levels of concern about fake news have led to fact-checking by Australian news consumers.

The *Digital News Report: Australia 2019* finds 62 per cent of Australian news consumers say they are worried about what is real or fake on the internet. This is higher than the global average (55 per cent).

The report also shows that concern about fake news is strongly linked to news avoidance and news fatigue. Two thirds of those who are concerned are also more likely to avoid news. And 79 per cent of those who worry about the veracity of online content say they are also worn out by news.

The 2019 report found 70 per cent of news consumers interested in politics are more concerned about what is real and fake on the internet.

On a positive note, the report shows news consumers are beginning to take more action to counter their concern about fake news.

- 36% say they checked several different sources to check the accuracy of a story;
- 26% say they have started to use more reliable sources of news;
- 22% say they have stopped using unreliable sources;
- 22% say they decided not to share a story they were unsure about; and
- 20% say they stopped paying attention to a story shared by someone they didn't really trust.

## HONOURING UNIVERSITY OF CANBERRA'S ENQUIRING MINDS

Leading researchers at the University of Canberra were singled out for recognition at the annual Awards for Research Excellence.

The awards recognise the accomplishments of individuals and groups across the University, whose research and innovation achievements have been particularly significant.

### AWARDS FOR EARLY CAREER RESEARCHERS

#### Science and Technology

Assistant Professor Dr Saeed Banihashemi

#### *Commendation*

Research Fellow Dr Peter Unmack,  
Faculty of Science and Technology

#### Health

Dr Kris Hardy

#### Social Science

Assistant Professor Tracy Logan

#### Humanities and Creative Arts

Assistant Professor Dr Alison Wain

### AWARDS FOR RESEARCH EXCELLENCE

#### Science and Technology

Associate Professor Dr Fiona Dyer

#### Health

Professor Rachel Davey

#### Social Science

Associate Professor Dr Lain Dare

#### Humanities and Creative Arts

Dr Kate Holland

#### Award for Excellence in Supervision of HDR Students

Professor Roland Goecke

#### *Commendation*

Dr Sora Park, Associate Dean Research,  
Faculty of Arts and Design

#### Award for Outstanding Team Achievement in Research or Innovation

The EcoDNA team (Professor Dr Dianne Gleeson, Dr Elise Furlan, Dr Alejandro Trujillo-Gonzalez, Centenary Professor Dr Richard Duncan, Sumaiya Quasim, Rheyda Hinlo, Jonas Bylemans, Jack Rojahn, Sam Godwin)

#### Award for Distinction in Engagement and Impact

Early Learning STEM Australia (ELSA) Team  
(Centenary Professor Tom Lowrie, Matt Bacon, Assistant Professor Kym Simoncini, Assistant Professor Tracy Logan, Amanda Levido, Ross Hope and Garrett Lommatsch)

#### *Commendations*

Assistant Professor Dr Sam Kosari, Faculty of Health

Assistant Professor Dr Cathy Hope, Faculty of Arts  
and Design

## THE FUTURE

This then shifts and strengthens our position as leaders in innovation with respect and inclusiveness framing every step into our future as a University and as humans.

# INFRASTRUCTURE

**The development of the Bruce campus progressed further in 2019, moving the University closer toward our vision of ‘The Educated Life’.**

Refurbishments were a major focus throughout the year, enhancing spaces for staff and students and reducing energy emissions. The Canberra Specialist Medical Centre was officially opened, offering specialised services to Canberra and the surrounding community.

A new Ngunnawal Plant Space is available for all Bruce campus residents and visitors, and construction began on two of the three clinical health training facilities under the South East NSW Health Collaborative project.

The Digital Strategy also continued to roll out, with the implementation of MyUC for students, as part of the Digital Student Journey.



## NEW EDUCATION SPACE WITH NATIVE PLANTS NAMED NGALADJIMA

In 2019, the Ngunnawal Plant Use Education Space was established with varieties of vegetation significant to the Ngunnawal peoples, the Traditional Owners of the land on which the University of Canberra's Bruce campus stands.

The garden was launched by Professor Deep Saini, Vice-Chancellor and President of the University of Canberra, and Elder in Residence Aunty Roslyn Brown. Aunty Agnes Shea, the oldest living Ngunnawal Elder in Canberra, delivered a Welcome to Country for all in attendance.

The space was gifted with its Ngunnawal name, Ngaladjima, by the United Ngunnawal Elders Council. Ngaladjima will help the University strengthen its inclusive learning community in which equity and diversity is deeply embedded.

The native Ngunnawal plants have various uses. Kangaroo Grass can be used for weaving baskets and fishing nets. Kurrajong has edible seeds, sap and shoots, and Narrow Leaf Hop Bush has leaves that relieve toothache. Others can be used for ceremonial purposes, to make dyes and paints, and for many other purposes.

## CAMPUS UPGRADES IN 2019

Fifty-two projects with a combined value of \$42.25 million were delivered or commenced in 2019, including a series of major refurbishments that look to the future (such as Building 5C 'Our Space' and 6B45 Active Learning Space). Significant investment has also been made to refresh existing spaces and replace aging infrastructure to improve comfort levels and reduce the University's energy footprint.

A series of projects were undertaken which were funded by the Student Services and Amenities Fee (SSAF), including Stage Two of the University of Canberra Medical and Counselling Centre and Refectory Front of House upgrades. These were carried out to support student health and wellbeing on campus.

Key developments:

- Canberra Specialist Medical Centre
- Our Space 5C Refurbishment
- Student spaces
- Stage Two Medical and Counselling Centre
- Refectory Front of House upgrade
- Ngaldjima – Ngunnawal plant use education space
- Optometry Dispensary
- South East New South Wales Health Collaborative (underway)
- Ngunnawal Centre (underway)

### Student Spaces Upgrades

Seventeen projects with a combined value of \$1.8 million were delivered in 2019, including new, quiet study spaces, furniture, classroom upgrades, campus activations and street art.

### Refectory Front of House Upgrade

Funded by Student Services and Amenities Fee, this project refurbished the outdated front of house and equipment within the University of Canberra Refectory to provide a greater variety of food offerings that are healthier, fresher and easier for students and staff to access.

### Our Space 5C Refurbishment

'Our Space' is a new way of working for professional staff who have returned to campus following the sale of the Scrivener Building in Bruce. It was designed to enhance the University's strong sense of community, encourage movement and collaboration, and bring teams together.

## DIGITAL

The University continues to pursue strong implementation of its digital strategy. The strategy drives initiatives to enable digital advances and technology to be leveraged for direct benefit to students and the University community.

For 2019, in support of the strategy, the first release of the new MyUC occurred. MyUC is reinventing the online experience to allow students more time to focus on their studies. The seamless, integrated platform is intuitively simple and designed to reflect the student journey. It features components and content co-built by student interns.

Students now have access to a one-stop calendar, an easier enrolment process, and can check their progress in units at a glance. The online experience will continue to evolve and students are encouraged to provide feedback and be involved in the project, either via practical or internship work. The project will continue until the end of 2021.

The University has also completed the delivery of UC Student 360. The UC Student 360 Customer Relationship Management project has simplified the tertiary environment for students, developing a one-stop shop for student support. It offers a 360-degree view of a student's interactions with the University, allowing staff to better tailor their support to the needs of students.

This project has also digitised many legacy processes and automated workflows, meaning students receive quicker responses. It includes the implementation of Lucy, the chatbot, who can answer questions such as, "How do I create my timetable?" or "How do I replace my lost student ID card?".

UC Student 360 has been recognised across the sector and internationally as a high-quality, transformative project. It has been awarded the Best Education Project at the 2018 iNews Benchmark Awards, and the 2019 Campus Technology Impact Award for Administration.

Innovative proof of concepts were also a key focus, with an artificial intelligence and machine learning pilot being awarded the Vice Chancellor's award for Innovative Thinking. The University will seek to broaden this pilot in 2020.

### Cyber Security

The University of Canberra has a Cyber Security Strategy that comprises three goals:

1. Build resilience — Prevent, detect response and recovery from cyber security threats and incidents
2. Shared responsibility — cultivate a security-first culture across the University and software vendors
3. Strong collaboration — develop a collaborative relationship with the higher education sector and government agencies to increase UC's information security capabilities and be a voice to broader cyber security initiatives in the sector.

Throughout 2019, the Digital, Information and Technology Management team worked to this strategy and implemented actions across all three goals.

#### *Build resilience*

- A dedicated security team was established.
- The University's mitigation strategies were aligned to comply with Australian Cyber Security Centre's Essential Eight suggested mitigation measures.
- The University's network firewalls were strengthened.
- An enhanced email gateway was implemented.
- Impersonation protection and alerts for suspicious emails were implemented.
- Continuous vulnerability scanning and subsequent remediation measures were undertaken.

#### *Shared responsibility*

- Cyber education and training programs were held across the University.
- A vendor questionnaire was implemented for all new digital initiatives to ensure cybersecurity controls are considered in all digital products / purchases.
- International travel advice for staff and students was tested against market advice in regard to cyber threat exposure.

#### *Strong collaboration*

- The team worked closely with ANU to share lessons learnt from ANU's cyber attack.
- There was continuous active engagement with the Australasian Higher Education Cybersecurity Service (AHECS), which is a collaboration between the Council of Australasian University Directors of Information Technology (CAUDIT), Australia's Academic and Research Network (AARNet) and the Research and Education Advanced Network New Zealand (RESANNZ).
- The University joined the Information Sharing and Analysis Centre (ISAC) as a member, where the team will have access to a curated feed of threat intelligence and malware and threat analysis.
- There was ongoing collaboration with the Australian Cyber Security Centre (ACSC) to increase awareness of cyber security and oversight of cyber threats.

## INFRASTRUCTURE NEWS

### Construction begins on regional healthcare facility

In August 2019, construction began on two of the three clinical health training facilities under the South East NSW Health Collaborative project. The joint initiative between the University of Canberra and The Australian National University (ANU) received federal funding of \$8 million for the first two facilities.

Increasing training capability and research in nursing, midwifery, allied health and medicine, the facilities at Cooma Hospital and Health Service and Bega's South East Regional Hospital will make important inroads into the issue of regional healthcare accessibility. They will offer great potential for collaboration, bridge building and professional development between health service staff and the universities.

The well-appointed South East NSW Health Collaborative facilities will include simulated learning spaces outfitted with state-of-the-art communications infrastructure and seminar spaces.

### Canberra Specialist Medical Centre

The Canberra Specialist Medical Centre (CSMC) was officially opened in February by the Minister of Health, the Hon. Greg Hunt. CSMC brings together leading educators, researchers, students and health practitioners to offer specialised services to Canberra and the surrounding community. Major tenants include the Icon Cancer Centre (Australia's largest private cancer services provider), University of Canberra Health Clinics (focusing on a multi-disciplinary, allied health, student-led approach to cancer rehabilitation pre, during and post treatment) and QScan Radiology Clinics.





## TRUTH, RESPECT, LOVE AND PEACE: UNIVERSITY OF CANBERRA UNVEILS LATEST SCULPTURE

The University of Canberra's latest sculpture, ONE, was made possible by a generous gift from the Sai family.

In 2015, the University was approached by Dr Naren Chellappah OAM about gifting a commissioned public sculpture. Born in Sri Lanka, Dr Chellappah spent his early years experiencing cultures across Asia and Europe. He developed a set of values based on living in a diverse community.

Known for his services to the international community as a volunteer dental surgeon, Dr Chellappah said he seeks to give back to the community through art.

Over a two-year period, eight artists known for their contemporary installations competed to create the sculpture. A panel of academic and professional

staff chose the winning design by Geoffrey Drake-Brockman, a cybernetics artist specialising in large-scale public installations, whose creation best encompassed the values held by Dr Chellappah — truth, right conduct, love, peace and non-violence.

The self-supporting, triangulated structure splits into three twisting arms of stainless steel. The exterior is mirror polished, with the internal surface painted red to represent the ochre of the land.

The artwork has been gifted the Ngunnawal name Galambany, meaning 'We including you' by the United Ngunnawal Elders Council.

## DIVERSITY

By building better relationships there is an opportunity to form a diverse community, everyone bringing unique input allowing for strength in diversity to support our foundations of trust, culture and respect.

# COMMUNITY

**In 2019, the University continued to establish its identity as the University in, of, from, and for Canberra and surrounding regions.**

The University's connections with the community provided opportunities for service delivery, research and teaching. Sponsorships continued to provide a valuable relationship and link with the broader community.

Members of the public were able to utilise University facilities and services, including the Medical and Counselling team and sporting fields. There were also a number of public lectures and events held throughout the year, attracting the Canberra community to campus.

## SPONSORSHIPS

### CANBERRA UNITED

The University of Canberra continues to host Canberra United as their training venue for 2019–2020 W-League season. The University has re-signed as the W-League club's front of shirt sponsor for another season, taking the sponsorship into its 10th year.

At the University, the two-time W-League champions will have access to some of the best training facilities in Australia, which are already benefitting the ACT Brumbies, the University of Canberra Capitals and the University's women's rugby sevens team.

### ACT BRUMBIES

The University of Canberra has continued its sponsorship with Brumbies Rugby as the club's official Education Partner.

Under this Alliance Agreement, students and researchers at the University will have more opportunities to work with Australia's most successful Super Rugby club. Staff and PhD candidates from the University's Research Institute for Sport and Exercise (UCRISE) have long worked with the club to keep it at the forefront of injury prevention and rehabilitation.

UCRISE researchers and Brumbies' coaching and performance staff are currently using Australian-first technology to accelerate the recovery of players who have suffered concussion.

Students studying degrees in marketing, media, physiotherapy, and sport and exercise science, among other disciplines, will also benefit from an expanded internship program. Some students who have previously undertaken work experience at the club are now employed on a full-time basis.

Both organisations will benefit from increased brand exposure under the partnership, while students will also have access to discounted memberships via the University's official supporter group, the rUCkus Crew.

### CANBERRA CAVALRY

Expanding the University's presence in high-performance sport, the University has partnered with the Canberra Cavalry professional baseball team, which competes in the Australian Baseball League (ABL). Canberra Cavalry has won one ABL Championship, along with an Asian Cup trophy. With the league recently expanding, the University is offered additional exposure interstate and internationally.

### CANBERRA CHILL

The University of Canberra was an early adopter to sponsor the newly formed Canberra Chill, playing in the new, national hockey tournament, Hockey One. This sponsorship saw the University claim significant marketing assets for broadcast games as well as continued exposure to the local market through access to databases.

### CBR BRAVE

Another local elite sport, the CBR Brave, plays in the Australian Ice Hockey League. The team claimed a Championship last season, breaking many competition records along the way, but was unable to replicate that performance despite making it to the finals in 2019. The CBR partnership focuses heavily on digital assets as well as game-day activations.

### UNIVERSITY OF CANBERRA CAPITALS

It was a highly successful and momentous year for the UC Capitals as they claimed their eighth basketball championship against Adelaide Lightning at the AIS Arena in front of almost 5,000 fans. The title, their first in nine years, added to the team's status as Canberra's most successful national sporting team and was a testament to the growth the club experienced both on and off the court over the 2018–2019 season.

A series of acknowledgements added to the significance of the year. Co-captain Kelsey Griffin won MVP of the league and UC Capitals was named the ACT Citizen(s) of The Year and the CBR Team of The Year.

The club went through a significant rebrand in August, leading into the 2019–2020 season which signalled a new era in the club's history while paying homage to the team's past and the city.

In 2020 the team is looking for back-to-back championships as the club hits new heights in attendance, memberships, media attention and community support.



## CHARITIES

The University of Canberra sponsored a range of charities and initiatives in 2019:

RECIPIENT	SPONSORSHIP
ACT Government	Young Canberra Citizen of the Year — 2019
Domestic Violence Crisis Service	2019 Platinum Sponsorship Package
Indigenous Marathon Foundation	Donation to Boston Marathon Fundraising
National Capital Attractions	Canberra Region Tourism Awards 2019
Craft ACT	DESIGN Canberra 2019 Sponsorship (50 per cent)
NAIDOC	NAIDOC Gala Ball table — transferred by Journal
Menslink	One table at Menslink Business Breakfast 2019
Special Children's Christmas party	Executive 2 Sponsorship — Special Children's Christmas Party
Hands Across Canberra	Annual lunch
UCX – venue partner YWCA	She Leads event 26 February 2019
Australian War Memorial	Heritage of the Air Welcome Reception 14 November 2019

## UC MEDICAL AND COUNSELLING CENTRE

The 2019 Medical and Counselling Centre attendances numbered over 52,000 (general practitioner, psychologist, nursing and psychiatrist services), for over 10,000 individuals.

In addition to the medical and counselling services provided to students (residential, domestic and international) and University staff, the Centre continued to provide cultural adjustment workshops to domestic students leaving and returning from abroad. It also operated during international student orientations, O Week and Stress Less Week events, offered Foundation student support, student placement coaching, immunisations for Faculty of Health students preparing for placement, influenza vaccination clinics, continued collaboration with FARE (Foundation for Alcohol Research) in promoting safe alcohol consumption for students, wellbeing walking and discussion groups, meditation and mindfulness, and Resident Advisor training and support.

This year also saw the Medical and Counselling Centre expand its presence in providing health promotion events to the University community.

Highlights of this year included:

- 106 staff and students were trained in Mental Health First Aid — University of Canberra Medical and Counselling staff have trained over 450 students since 2017.

- Birthing Kit event — 1,000 birth kits were donated at an event in which students and staff participated together to assemble the kits.
- Development and implementation of a variety of strategies to support and promote the Respect.Now. Always campaign on campus — these include the development of resources, the running of student pilot groups for Consent Matters courses, support provided to the student residences on responding to disclosures of sexual assault and on the de-escalation of situation, involvement in the Ally Network, a Q&A forum on how to negotiate safe sex with the SRC, and the launch of regular lunchtime presentations on a wide range of topics related to healthy relationships.
- Internship workshops for students.
- Facilitation of student-led knitting groups and donation of knitted trauma teddies to Australian Red Cross.
- Provision of screening and Hepatitis B immunisation service for students of the Ngunnawal Centre, in collaboration with ACT Sexual Health.
- Meetings throughout the year with the Alcohol Tobacco and Other Drug Association ACT (ATODA) and other universities in the ACT, with the aim of promoting health and reducing harm associated with alcohol, tobacco and other drugs.
- Weekly Health Justice clinics, in collaboration with staff from the Faculty of Business, Government and Law.
- Over 1,000 influenza vaccinations were provided to University staff, affiliates and students — the Medical and Counselling Centre funded vaccinations for University residential students whilst Allianz funded vaccinations for international students.
- In line with the focus on sustainability, the Medical and Counselling Centre achieved the goal of paperless registration for all new patients/clients.
- Through working with the SRC, the Medical and Counselling Centre was able to introduce process improvements for students accessing counselling appointments as well as a clear compliments and complaints process.
- The provision of bilingual resources on the Medical and Counselling Centre website.

## UCX

It was a busy year for UCX, commencing with a name change from 'UC Union' and culminating in being awarded joint recipient of the UC Citizen of the Year. The team focused heavily on increasing the level of student engagement and vibrancy on campus. Through various portfolios the UCX team created new opportunities for students, staff and the community to connect and participate in the dynamic University of Canberra culture.

## Clubs and societies

Clubs and societies contribute greatly to the community at the University of Canberra. In 2019 there were 62 social, cultural and academic clubs affiliated with the University through UCX. Clubs and societies have a combined membership base of over 2,000 students and host hundreds of events, ranging from meetings to formal receptions.

Cultural clubs contribute to many on-campus multicultural events such as Harmony Day, to create vibrant and exciting opportunities for students. Social clubs provide many opportunities for students with similar interests to connect. Academic clubs enrich the experience of students by providing professional development and social events for students in the same cohort.

Throughout the year, UC Life has supported many events run by clubs and societies by providing funding and in some cases organisational support. These events form a diverse and rich calendar of events for the University community. Clubs and societies also play an important part on Open Day at the University, showcasing much of the University's culture and providing first-hand experience of university life.

UC Life recognises stand-out clubs and societies each year at the Campus Life Awards. In 2019, the Academic Club of the year was the UC Engineering Society, the Social Club of the Year was Social Activities Club and the Cultural Club of the Year was the UC Vietnamese Society.

## Campus life

UC Life hosted over 150 student engagement events in 2019, including the University of Canberra Graduation Ball, UCtoberfest, Orientation and Stress Less Week. UC Life also continued various regular events including Trivia at The Well, Midday Music and monthly market days. A variety of weekly events were run at The Well, which included karaoke, bingo, board games, open mic and movie nights. Stand-out events for the year were UCtoberfest, which had an increase in profit and patronage due to a new layout, and University of Canberra Graduation ball where a larger venue allowed more students to take part.

The campus was activated by several external brands and organisations during O-Week and throughout the semesters. UC Life provided support to various other University areas when coordinating events on campus, such as Widening Participation's weekly support pop-ups, Faculty of Science and Technology's end-of-year party and Global Student Recruitment's Open Day.

## Conferencing and events

The conferencing and events portfolio continues to increase engagement with external organisations to further promote the Bruce campus to local, national and international delegates. The Ann Harding Conference Centre has seen a diverse array of events, from government department planning and networking sessions to international community conferences.

Over the coming years the University will continue to be promoted as a meeting and conference destination.

## Retail, food and beverage

Winter semester saw the refresh of the Refectory Front of House, providing the opportunity to re-work the food options. The new menus have been well received by the University community, particularly the focus on fresh, healthy and changing offerings.

The UCX team implemented a new strategy for The Well, to encourage students and staff to see it as 'their place'. The increased number of events and special offers have assisted with the success of the strategy.

The UCX Shop and Post Office was relocated to the concourse, enabling renewal of product lines and branded merchandise. This included the launch of the UC Hoodie, which has seen a great uptake across the year, resulting in many students being spotted around the city and further afield proudly displaying the University of Canberra branding.

## Live music

UC Live has solidified its reputation as one of Canberra's most prolific live music promoters and event hosts. UC Live has hosted hundreds of performers across its two venues, UC Hub and UC Refectory, and at various other locations on Bruce Campus including a large greenfield event on Oval One.

With more than 30,000 patrons attending events, UC Live held 71 events in 2019, up from 36 in the 2018 calendar year. The Bruce campus provided the venue for events such as the re-launch of the Stonefest Music Festival, Peking Duk's Biggest Tour Ever (held on Oval One), and an impressive amount of sold out concerts including: Vera Blue, Odette, Stella Donnelly, Matt Corby, Amy Shark, Mallrat, Wafia, E^ST and Ruby Fields.

UC Refectory received nominations for both the Best ACT Live Music Venue in the National Live Music Awards, and the Out in Canberra Peoples' Choice Award for Best Entertainment Venue.

## UC sport and fitness

Student representative sport and the rebranding of sporting clubs was the main focus in 2019 for UC Sport.

From a student representation perspective, UC Sport supported students competing in the Summer Universiade (International Competition), World University Championships and the Nationals Program. All programs produced fantastic results, with the women's basketball team, featuring student and UC Capitals player Keely Froling, taking gold at the Summer Universiade and the women's volleyball program taking out the Nationals Division 1 Competition. Also, the inclusion of an elite athlete in the Snow Nationals saw UC take out its first gold medal in a number of years.

A new Club Branding Guide was developed after consultation with all clubs. All the sporting bodies are now moving to be aligned with the UC Stars branding by the end of 2020.

To complement the competitive representative opportunities, UC Sport introduced a number of programs focused on engaging students across all cohorts on campus. An Introduction to AFL and Learn to Swim course were introduced to provide international students with skills to enjoy all aspects of Australian culture. Social sporting competitions, including 3x3 and touch, provided those not looking to travel the chance to get involved, finding an outlet to keep physically active.

In its third season, the UC Women's 7s team had its best year, finishing fourth overall and claiming two bronze medals throughout the series. The University campus again played host to a stop during the series. Despite challenging weather, the tournament ran with great success and with plenty of support from the University community and the broader ACT rugby community.

In 2019, UCFitX had 1,302 members with 75 per cent of those part of the student community. The gym saw an increase in visits, reaching 50,178 for the 12-month period, with members taking advantage of an increase in the number of fitness classes on offer. Several new initiatives were introduced, including advertising UCFitX to the local community during the quiet summer period.

It was the second year for online memberships, which more than doubled from 108 in 2018 to 220 in 2019. UCFitX continued its work with UC Exercise Physiology students, with 797 personal training sessions conducted throughout the year, a significant increase from 2018.

## UNIVERSITY OF CANBERRA STUDENT REPRESENTATIVE COUNCIL

In 2019, the University of Canberra Student Representative Council (UCSRC) focused on strengthening the student voice by engaging with numerous groups across the University, and the Canberra community, to demonstrate a 'successful students as partners' approach. In addition to having members provide valuable input in student-centric committees such as Student Experience, Respect.Now.Always and the Work Integrated Learning Steering committee, UCSRC additionally provided regular feedback to external ACT government initiatives, furthering and fostering internal and external partnerships.

Throughout the year, UCSRC provided two media statements responding to the Curriculum Renewal Implementation and the challenges students faced, and provided an annual review of the Broderick Report in Campus Culture and its recommendations.

UCSRC continued its provision of student services such as OzHarvest, Legal Aid and Curieux, in addition to supporting important student events such as Graduation Ball, Open Day and subsidising student tickets to music events in O-Week 2020.

The University of Canberra Student Town Hall proved to be a significant highlight for the members of UCSRC in 2019, showcasing the goal of strengthening the student voice by enabling direct communication between University Executive and the wider student community.

## PUBLIC LECTURES

The University hosted a number of high-profile speakers through 2019 for a range of thought-provoking and engaging lectures.

### International Women's Day: Anne Summers and Virginia Haussegger in conversation

The lead-up to International Women's Day 2019 at the University of Canberra saw an 'In Conversation' event with renowned feminist Anne Summers AO and Virginia Haussegger AM, Director of the 50/50 by 2030 Foundation and ACT Australian of the Year.

Ms Summers is an Australian writer and columnist and a feminist icon. She is the author of eight books, including the classic *Damned Whores and God's Police*, and most recently *Unfettered and Alive*. Currently residing in New York, Ms Summers was visiting Australia ahead of International Women's Day for a number of exclusive events.

During the event, Summers and Haussegger explored a range of issues relating to women, parliament, bullying and sexism.

### Krebs Lecture — Acid Rain: A long and unfinished journey from discovery to political action

The cause of acid rain was hotly debated for many years after its discovery in 1963. A lack of long-term or large-scale experimental data prevented action on this politically charged environmental issue.

At the 2019 Krebs Lecture Professor Gene Likens, a leading ecologist known for his discovery of acid rain in North America with colleagues, for co-founding the internationally renowned Hubbard Brook Ecosystem Study and founding the Institute of Ecosystem Studies, discussed his battles with policy makers. He drew strong parallels with action on climate change today.

The Hubbard Brook Ecosystem Study, he said, provided evidence of a clear relationship between sulphur dioxide emissions and acid rain in the USA. Political action, however, lagged some 27 years behind that discovery.

Professor Likens was awarded the 2001 National Medal of Science, the 2003 Blue Planet Prize (with F. H. Bormann) and the 2017 BBVA Foundation Frontiers of Knowledge Award for Ecology and Conservation Biology. He was the sole recipient of the 1994 Australia Prize for Science and Technology.

### Don Aitkin Lecture: Indigenous knowledge and cultural values of water, presented by Bradley Moggridge

Australia is the driest inhabited continent on Earth. Traditional knowledge around finding and re-finding water sites has always been integral to Australia's First Peoples for survival in an arid landscape. Protecting water supplies and ensuring water sustainability remains a cultural obligation.

The challenge for First Peoples is to ensure their relationship with water is celebrated by all Australians, not diminished by modern water planning or excluded from environmental flow management.

PhD candidate and Institute of Applied Ecology Advisor at the University of Canberra, Bradley Moggridge, explored historical challenges and institutional responses in integrating First Peoples' cultural values into water planning and management. He outlined on-the-ground applications of the cultural value of water for two western NSW rivers. Finally, Mr Moggridge investigated how integrating First People's perspectives into water management has worked in New Zealand.



### Ngunnawal Lecture and Mini Festival

The 2019 Ngunnawal Lecture saw Professor Yin Paradies Exploring culture; The importance of Indigenous knowledges to our future, with a special focus on climate change and social justice.

Contextualising Australia within the larger global community, looking at the changes climate change is wreaking on the planet, and drawing on statistics indicating national attitudes towards government and life opportunities in the country, Professor Paradies explored how Indigenous knowledge might help create pathways forward to achieve greater social equality, justice and change for the better.

A proud Wakaya man, Professor Paradies is the Chair in Race Relations and Indigenous Knowledges and Culture Coordinator at Deakin University. A hugely prolific researcher, he conducts interdisciplinary research on the health, social and economic effects of racism as well as anti-racism theory, policy and practice across diverse settings, including workplaces, schools, universities, housing, the arts

and health. He has authored almost 200 publications, is an invited reviewer for 100 journals, and has received more than 50 grants worth over \$28 million.

The lecture was preceded by a family-friendly mini carnival, celebrating and sharing aspects of Indigenous culture.

### Facing the facts and figures of overtraining syndrome

Internationally-renowned physiologist Professor Romain Meeusen explored the realities of overtraining syndrome (OTS) during a public lecture at the University of Canberra in May 2019.

OTS is a complex condition resulting from prolonged and excessive training stresses combined with inadequate recovery. It can result in chronic fatigue, poor performance and increased vulnerability to infections, and affects a large percentage of athletes.

## SYMPOSIUMS AND EVENTS

### Gender and Agricultural Research in the spotlight

How can women in the agricultural sector help eradicate poverty around the world? What drives the transformation of health and nutrition outcomes? How do we bridge the gender gap in agricultural productivity? What role does masculinity play in changing rural economies?

These questions were interrogated by gender advocates, scholars, researchers and practitioners from 45 countries at the University of Canberra in April during the Seeds of Change Conference entitled *Gender equality through agricultural research for development*.

Keynote speakers included Ms Vicki Wilde, Senior Program Officer of Agricultural Development and Women's Economic Empowerment at the Bill and Melinda Gates Foundation, Professor Katherine Gibson of Western Sydney University's Institute for Culture and Society and Dr Jayne Curnow, gender expert from the Australian Centre for International Agricultural Research.

### Climate action talks to progress at second National Roundtable of the Global Covenant of Mayors

Can Australia meet the Paris Agreement targets or State and Territory targets without buy-in from local councils and communities? This and other key questions were interrogated at the second roundtable of the Global Covenant of Mayors (GCoM) for Climate and Energy in 2019.

The roundtable, hosted by University of Canberra and ICLEI Oceania, considered the findings of the national consultation process that examined a range of state governments, local government associations and NGO programs and resources.

The European Commission, through its Strategic Partnerships for the Implementation of the Paris Agreement (SPIPA), supported the Australia-wide consultation.

The roundtable looked at establishing consistent approaches, synergies and partnerships through the use of a common reporting framework.

### Leadership in Sport Conference

The University of Canberra's status as one of Australia's leading sports universities was enhanced with the staging of the Leadership in Sport Conference, in collaboration with the Australian Sports Anti-Doping Authority (ASADA) and the National Integrity of Sport Unit (NISU).

The Conference, themed *Athletes' Voice, Finding the Balance*, focused on the issues faced by athletes in seeking greater input into the running of their sport. University of Canberra Vice Chancellor, Professor Deep Saini, and ASADA's CEO, David Sharpe, officially opened the conference.

One of the issues discussed was the call for greater athlete representation on key bodies that directly impact on athletes. There was also discussion about the liberalisation of commercial opportunities for athletes at the Olympic Games, and greater athlete input into anti-doping reform.

### Making sense of a highly digitised world

The 2019 Australian and New Zealand Communication Association (ANZCA) Conference brought together researchers, students, teachers, artists, activists, media and communicators across multiple communication disciplines to discuss the links between data, power and access to information in a highly digitised world.

The ANZCA 2019 Conference entitled *Making sense: Data, publics and storytelling*, was hosted by the Faculty of Arts and Design, University of Canberra and the Museum of Australian Democracy (MoAD).

It began with a day of activities for postgraduate students and early career researchers at the University's Bruce campus, followed by the three-day conference from at the spiritual home of Australian Democracy, Old Parliament House.

The conference interrogated, through various panel sessions and keynote addresses, the protection of young people, risky behaviours, the ethics of digital citizenship and how digital technologies are changing generations for better or worse.

### Taiwanese-Australian Indigenous Knowledges Symposia Plants Seeds for Collaborations

The University of Canberra's Collaborative Indigenous Research Initiative (CIRI) and Faculty of Health joined forces to showcase innovative research projects with Indigenous peoples in Taiwan and Australia.

After being welcomed to country by Ngunnawal University of Canberra Elder-In-Residence Aunty Ros Brown, Apu'u Kaaviana, an Indigenous Taiwanese grassroots organiser and representative of the Kananavu people in the Taiwanese Council of Indigenous Peoples, Associate Professor Chin-ju Lin from Kaohsiung Medical University and academics, students and community members from various faculties exchanged Indigenous knowledge and discussed the work they do with Indigenous peoples and communities.

The symposia participants realised the many similarities between Australian and Taiwan Indigenous knowledge, experience and impacts of colonisation, as well as challenges and opportunities for learning from each other. The exchange led to participants being inspired to work together. Seeds were planted for collaborating in terms of Indigenous research and education across both countries.

### Measuring wellbeing: Can Canberra be a leader?

The ACT Government is in the process of developing a set of wellbeing indicators that will influence budget and policy decisions. So how is wellbeing best measured? What are the benefits? And could the ACT become a leader in this space?

Dennis Trewin AO, former Australian Statistician, covered the topic in the annual National Centre for Social and Economic Modelling (NATSEM) Address at the University of Canberra.

The presentation provided an overview of wellbeing measurements, including early approaches that start with GDP and added and subtracted factors important for wellbeing. The address also covered New Zealand's Wellbeing Budget, implemented under Jacinta Ardern's leadership, and the similarities between that consultation process and the one underway in the ACT.

Mr Trewin also spoke about the importance of measuring wellbeing, to create a more holistic view of how society is going, so policy decisions can be made based on a broader view.

## ALUMNI

### Graduation

In 2019 the University of Canberra welcomed over 3,200 new alumni to the ever-growing global alumni network. These graduates are already shaping our world with the skills and experience they gained at the University. The University is proud to have over 87,000 alumni living in 127 countries.

### Survey

Over 1,200 alumni responded to the 2019 Alumni Survey about their experiences with the University of Canberra since graduation. They also shared their hopes for future engagement.

Studying at the University, 80 per cent of respondents said, has had a positive impact on their lives.

Alumni are most interested in being involved in activities that tap into their expertise and experience such as mentoring, positions on committees and advisory boards, donating to assist students who are otherwise unable to attend university and to support research that solves real-world problems.

Thanks to the survey data, a structured engagement program that delivers on the core interests of alumni can be developed, ensuring the University continues to have a positive impact in their lives.

The focus for 2020 will be on delivering new initiatives in line with alumni sentiment.

### Mentoring

In 2019, 80 alumni shared 320 hours of their expertise and talents with University of Canberra students through the Mentoring Program. The Program aims to develop the skills of the University's students so that upon graduation they are better prepared to enter the workforce.

### Professional development

Over 400 alumni gained news skills through the new webinar series. The series aims to share skills and knowledge from within the alumni community and is designed to be consumable and available anywhere in the world.

Topics delivered in 2019 were:

- The future of law
- Mental health in the workplace
- How to build your professional brand on LinkedIn
- Blending business and babies
- Buying your first home and paying it off.

### International alumni receptions

#### Bhutan

Alumni living and working in Bhutan had the opportunity to network with University Executive at an alumni reception in August 2019. Around 20 per cent of the University of Canberra's alumni population in Bhutan attended, sharing stories of their time at the University and their careers since graduation.

#### Vietnam

In 2019, the University of Canberra hosted alumni dinners in Hanoi and Ho Chi Minh City. A total of 40 alumni attended the dinners that were hosted by Pro Vice-Chancellor Students, Partnerships and International, Professor Lawrence Pratchett.

These dinners allowed alumni to reconnect with the University for further study and to develop networks locally, whilst also sharing their professional success since graduation.

The University also officially launched the Alumni Referral Scheme. The Scheme has been designed to help Vietnamese students reach success and alleviate financial

pressure for future students. If eligible the student will receive a 15 per cent scholarship.

### Distinguished Alumni Awards

The Distinguished Alumni Awards recognise and celebrate the achievements of University of Canberra alumni who are achieving exceptional outcomes in their careers.

In 2019, nine alumni were recognised in the following award categories:

#### ALUMNI EXCELLENCE AWARD – ARTS AND DESIGN

##### Sue Maslin AO

Ms Maslin was awarded for her significant contribution to the Australian film and TV industry, including the production of one of Australia's highest grossing films, *The Dressmaker*. She is an advocate for the Australian screen industry, particularly in relation to gender diversity.

#### ALUMNI EXCELLENCE AWARD – BUSINESS, GOVERNMENT AND LAW

##### Yvonne Motsisi

Ms Motsisi was awarded for her positive contribution to uplifting disadvantaged communities in South Africa through health and education. Her achievements include the development of women's wellness centres, maternity clinics, hospitals and vital upgrades to schools.

#### ALUMNI EXCELLENCE AWARD – HEALTH

##### Karel Williams

Ms Williams was awarded for her contribution to improving the lives of Aboriginal and Torres Strait Islander women and babies. She was instrumental in the establishment of a First Nations Voice enshrined in the Australian Constitution.

#### ALUMNI EXCELLENCE AWARD – SCIENCE AND TECHNOLOGY

##### Linzi Wilson-Wilde OAM

Ms Wilson-Wilde OAM was awarded for her leadership around developing technology and policy trends across police jurisdictions in Australia and New Zealand. She is a leading expert in forensic science.

#### ALUMNI EXCELLENCE AWARD – EDUCATION

##### Tabatha Kellett

Ms Kellett has led an exceptional career in education, spanning early intervention, primary school and the ACT college system. She has used her skills and experience to implement best practice methods when working with students with complex needs and challenging behaviours.

## CHANCELLOR'S AWARD FOR CONTRIBUTION TO SPORT (JOINT AWARD)

### Rebecca Goddard

Ms Goddard has led an exceptional career in the AFL as a player, coach and umpire, and with the Australian Federal Police where she currently holds the position of Transnational Crime Team Advisor, based in Cambodia. She has championed the rights of women and young girls in sport, ensuring equal opportunities at all levels.

### Kate Corkery

Ms Corkery was appointed as Director of Sport Governance with Sport Australia in 2019. She leads a team focused on an ambitious improvement to sports governance in Australia whilst also volunteering her time to board positions.

## CHANCELLOR'S AWARD FOR SERVICE AND PHILANTHROPY

### Peter Gately

Mr Gately founded Sails Ocean Sails in 2005 after a trip to the Pacific Islands, where he identified that local men were often left drifting at sea after running out of petrol. His organisation redistributes old sails from Australian sailing and yachting to fishermen in developing countries, to allow them to return home safely.

## CHANCELLOR'S YOUNG ALUMNI AWARD

### Danielle Harmer

Ms Harmer has spent the last decade driving new, digital revenue models and growth for media and real estate outlets in the US and Australia. She was recently appointed as the General Manager of AllHomes, supporting and inspiring Canberra's housing economy.

## CHANCELLOR'S ALUMNI AWARD

### Ian Wishart

Mr Wishart is one of Australia's most accomplished CEOs in the global humanitarian sector and has dedicated 30 years to helping people in poverty. He has experience at every level of international development and his dedication has improved the lives of countless people.

## HONORARY APPOINTMENTS

The University of Canberra awarded one honorary doctorate in 2019 and conferred one Emeritus Professor.

### KATHARINE MURPHY

Katharine Murphy has led a distinguished career as a political journalist and editor for more than 20 years. She has earned a reputation as one of the nation's sharpest political minds, having worked in Canberra's Parliamentary Press Gallery for

Fairfax and News Corporation, before joining *The Guardian* for its Australian launch.

After graduating with a Bachelor of Arts from the University of New England in 1991, Ms Murphy spent her early years in the Australian Public Service, specialising in strategic communications. Following this, she embarked on a year-long venture in China, teaching English as a second language.

She began her career in journalism in 1996 at *The Australian Financial Review*. Here she covered a range of rounds including industrial relations, micro-economics and politics, before becoming Chief of Staff in the Canberra bureau for four years.

Katharine moved to *The Australian* in 2004, taking a position as a Senior Writer for two years. In 2006 she went to *The Age's* Canberra team as a National Affairs Correspondent. During this time, she pioneered *The Pulse Live* blog as a daily digital political outing, collaborating with award-winning photographers Andrew Meares and Alex Ellinghausen. The first of its kind in Australia, the political live blog has since been widely replicated across the industry.

In 2008, Katharine was the recipient of the Paul Lyneham Award for Excellence in Press Gallery Journalism. She has also been a runner-up for this award in 2007, 2010, 2011 and 2012. In 2012 Katharine was a Walkley Award finalist in the Best Digital Journalism category, and finalist the following year for Political Commentary.

Katharine was recruited to *The Guardian Australia* in 2013 as the Deputy Political Editor, a position she held until 2016, when she was promoted to Political Editor and Bureau Chief. In addition to news reporting and periodic live blogging, Katharine also writes commentary and several essays each year for the literary journal *Meanjin*. She is the author of *On Disruption*, published by Melbourne University Publishing in 2018, which is an examination of the impact of the internet on Australian journalism. Katharine is also a director of the National Press Club of Australia.

From 2014–2017 Katharine was an Adjunct Associate Professor at the University of Canberra, where she provided guest lectures for journalism students and acted as a liaison point between the University and *The Guardian Australia* in collaborative journalistic projects.

Katharine is a regular commentator about politics on television and radio, both in Australia and internationally. She is a regular panellist on the ABC's *Insiders* program, ABC24's *the Drum*, *Sky News Agenda*, and hosts the political podcast, *Australian Politics Live*.

It is for her distinguished career as a political journalist and her outstanding reputation as a leader in reporting that Katharine Murphy was awarded an Honorary Doctorate by the University of Canberra.

### EMERITUS PROFESSORS

- Professor James Robertson  
AM PSM BSc PhD FAIM FRSN

## ADJUNCT PROFESSORS

### COLLEGE OF ADJUNCTS

The University's College of Adjuncts welcomed 44 new members and 56 renewed members in 2019. The adjunct community makes a significant contribution across a wide range of activities. It strengthens the University's teaching, research and professional activities and fostering cooperation relationships between the University and national and international communities.

Members of the College of Adjuncts appointed in 2019 were:

**Dr Moh'D Alwadi**, M Information Technology UC, PhD UC, Professional Associate, Faculty of Science and Technology, 1 September 2019

**Dr Christopher Aulich**, PhD UNSW, Adjunct Professor, Institute for Governance and Policy Analysis (IGPA), 1 June 2019

**Mr Drew Baker**, Professional Associate, Institute for Governance and Policy Analysis (IGPA), 3 January 2019

**Ms Clarissa Barbosa**, BSci (Hons) UnB Brazil, MSc USP Brazil, Professional Associate, Faculty of Science and Technology, 1 September 2019

**Mr Jim Barrett**, BSc ANU, Grad Dip NatResMgt UC, Adjunct Associate Professor, Institute for Applied Ecology, 1 November 2019

**Dr Lorana Bartels**, BA LLB UNSW, LLM UNSW, PhD Utas, GDLP COL, GCTE UC, Adjunct Professor, Faculty of Business, Government and Law, 1 June 2019

**Dr Isabelle Bauer**, BA Psychology UNIGE Switzerland, MPsych (Clin) UNIGE Switzerland; PhD Swinburne, Adjunct Assistant Professor, Faculty of Health, 1 June 2019

**Dr John Boersig**, PSM, BA LLB Macquarie, PhD USYD, Adjunct Professor, Faculty of Business, Government and Law, 1 November 2019

**Mrs Renee Brawata**, BLMC WSU, PhD ANU, Adjunct Associate Professor, Faculty of Science and Technology, 1 November 2019

**Dr Andrew Brown**, BPharm USYD, GCHE UC, PhD UC, Adjunct Associate Professor, Faculty of Health, 1 September 2019

**Mr Matthew Brown**, BEd UC; ProfCert EdLeadership Melb, Adjunct Assistant Professor, Faculty of Education, 1 September 2019

**Mr Ben Bryant**, BNatRes (Hons) UNE; Grad Cert EnvLaw ANU; MEnvEngMgt UTS, Professional Associate, Institute for Applied Ecology, 1 June 2019

**Mr Geoffrey Campbell**, BArch Melb, Dip Town and Regional Planning Melb, M Town and Regional Planning Melb, Cert BusMgt Melb, Adjunct Professor, Faculty of Arts and Design, 1 September 2019

**Ms Kathryn Campbell AO**, BAppSc DDIAE, MInfSc UNSW, MBA USQ, Adjunct Professor, Institute for Governance and Policy Analysis (IGPA), 1 November 2019

**Mr Simon Carroll**, BPHarm RU South Africa, GradCert Mktg Comm UC, M Mktg (Business) Monash, Professional Associate, Faculty of Health, 1 September 2019

**Ms Liz Chatham**, B AppSci (Nursing) ACU, GradDip Bus RMIT, Adjunct Professor, Faculty of Health, 1 September 2019

**Ms Shannon Clark**, BA (Hons) Applied Linguistics ANU, PhD ANU, Adjunct Assistant Professor, Faculty of Business, Government and Law, 1 March 2019

**Dr Paul Collis**, BA (Hons) UC; PhD UC, Adjunct Assistant Professor, Faculty of Arts and Design, 1 September 2019

**Dr Maxine Cooper**, BA Curtin, M. EnviroDes Calgary Canada, PhD Melb, Adjunct Professor, Faculty of Arts and Design, 1 March 2019

**Dr Peter Copeman**, BA (Hons) UQ, Dip Directing NIDA, GradCert Edu QUT, MA Calgary Canada, DCA UOW, Honorary Assistant Professor, Faculty of Education, 1 November 2019

**Adjunct Professor Linda Crebbin AM**, BA ANU, LLB ANU, Adjunct Professor, Faculty of Business, Government and Law, 1 November 2019

**Dr Jack Dan**, PhD ANU, Adjunct Professor, Institute for Governance and Policy Analysis (IGPA), 1 November 2019

**Adjunct Associate Professor Vicki Deakin**, BSc UON, MSc UNSW, Dip Teaching UON, Grad DipDiet Flinders, Adjunct Associate Professor, Faculty of Health, 1 September 2019

**Dr Dalma Demeter**, SJD CEU Hungary, LLM CEU Hungary, GCTE UC, LLB UCDC Romania, Adjunct Assistant Professor, Faculty of Business, Government and Law, 1 June 2019

**Dr Lisa Doucette**, BSc (Hons) UOG Canada, MSc UICE Iceland, PhD UNE, Professional Associate, Faculty of Science and Technology, 1 September 2019

**Dr Alistair Drake**, BSc (Hons) Oxon, GradCert UNSW; PhD Oxon; Professional Associate, Faculty of Science and Technology, 1 September 2019

**Dr Jodie Ellis**, BSc UOW, MSc UOW, PhD USYD, Professional Associate, Faculty of Health, 1 September 2019

**Dr Vicki Evans**, BOptom (Hons) UNSW, PhD UWS, Adjunct Assistant Professor, Faculty of Health, 1 March 2019

**Justice John Faulks**, LLB (Hons) ANU, Adjunct Professor, Faculty of Business, Government and Law, 1 November 2019

**Dr Paul Fawcett**, BA (Hons) Birmingham, MA Birmingham, PhD Birmingham, Adjunct Associate Professor, Institute for Governance and Policy Analysis (IGPA), 1 March 2019

**Ms Melanie Fisher**, BA ANU, GradDip in Science (Psychology) ANU, MPP ANU, Adjunct Professor, Faculty of Business, Government and Law, 1 March 2019

**Dr Alan Forghani**, BEng (Hons) UMSZ Iran; Grad Cert Management, UWS, MEngSci UNSW; PhD UTAS; Adjunct Professor, Institute for Applied Ecology, 1 June 2019

**Dr Brandon Gien**, BA IndDes UON, PhD UC, Adjunct Professor, Faculty of Arts and Design, 1 September 2019

**Dr Andrew Gonczl**, MA (Hons) USYD, PhD UTS, Adjunct Professor, Faculty of Education, 1 June 2019

**Mr David Hallam**, B AppSci Curtin, Professional Associate, Faculty of Arts and Design, 1 September 2019

**Dr Robyn Hardy**, BEcon JCU, DipEd UQ, MPP ANU, PhD ANU, Adjunct Professor, Faculty of Arts and Design, 1 June 2019

**Mr David Healey**, BA/LLB(Hons) UC, MICLA UC, GDLP ANU, GDLM ANU, Adjunct Assistant Professor, Faculty of Business, Government and Law, 1 March 2019

**Dr John Hewson AM**, BEc (Hons) USYD; MA USask Canada; MA THJU USA; PhD THJU USA, Adjunct Professor, Institute for Applied Ecology, 1 November 2019

**Dr Clare Holleley**, BSc (Hons) USYD; PhD USYD, Adjunct Associate Professor, Institute for Applied Ecology, 1 June 2019

**Dr Rosemary Hollow**, PhD ANU, Adjunct Associate Professor, Faculty of Arts and Design, 1 June 2019

**Dr Brett Holman**, BSc (Hons) Melb, MSc Melb, GradDip (History) Melb, PGDip (History) Melb, PhD Melb, Professional Associate, Faculty of Arts and Design, 1 September 2019

**Professor Keith Houghton**, BCom Melb, MSc(Econ), LSE UK, PhD, UWA, Adjunct Professor, Faculty of Business, Government and Law, 1 June 2019

**Adjunct Professor John Hughes**, MSc UNSW, Adjunct Professor, Faculty of Science and Technology, 1 November 2019

**Mr Eugene Hyman**, BA Claremont USA, JD Santa Clara USA, Adjunct Associate Professor, Faculty of Business, Government and Law, 1 March 2019

**Dr Dan Kaczynski**, BSc EMU USA, MA MSU USA, PhD MSU, Adjunct Professor, Faculty of Education, 1 September 2019

**Dr Simon Kelly**, BA, MSc (Management), PhD UC, Adjunct Professor, Faculty of Business, Government and Law, 1 September 2019

**Mr Robert Kennelly**, BA UC; MA UNSW, Professional Associate, Faculty of Business, Government and Law, 1 September 2019

**Dr Peter Kinnell**, BSc Lond; MAgrSc Melb; DSc ANU, PhD UNE; Adjunct Associate Professor, Institute for Applied Ecology, 1 June 2019

**Ms Careen Leslie**, BEd (Early Childhood) UC, Professional Associate, Faculty of Education, 1 September 2019

**Dr Jennifer Ma**, BA ANU, BPsy (Hons) ANU, PhD ANU, Adjunct Assistant Professor, Faculty of Education, 1 March 2019

**Dr Bill Maiden OAM**, BA UNE; MEd UNE, MEd (Administration) UNE; PhD UC, Adjunct Professor, Faculty of Education, 1 September 2019

**Dr Warren McDonald**, BSc UNSW, MBBS UNSW, Adjunct Associate Professor, Faculty of Health, 1 September 2019

**Dr John McEwen PSM**, BSc Melb, MSc (Honours) Melb, MBBS Melb, Adjunct Professor, Faculty of Health, 1 September 2019

**Ms Carmel McGregor PSM**, BA UQ, Adjunct Professor, Faculty of Business, Government and Law, 1 September 2019

**Dr John McIntyre**, BEd USYD, MA (Hons) USYD, PhD UTS, Adjunct Associate Professor, Faculty of Education, 1 September 2019

**Professor Catherine Middleton**, BA (Hons) QU Canada, MBA Bond, PhD York Canada, Adjunct Professor, Faculty of Arts and Design, 1 September 2019

**Dr Katja Mikhailovich**, BAppSc (Health Education) UC; PhD UC, Adjunct Associate Professor, Faculty of Education, 1 March 2019

**Mr Christopher Millman**, BArch (Hon) UC, BAppSci Env UC, Adjunct Professor, Faculty of Arts and Design, 1 November 2019

**Dr Kerry Mills**, BA ANU, BSc (Hons) ANU, PhD Melb, Adjunct Associate Professor, Faculty of Science and Technology, 1 September 2019

**Dr Ikuo Miura**, PhD HU Japan, Adjunct Professor, Institute for Applied Ecology, 1 June 2019

**Mr Tom Mollenkopf**, BJuris Monash, LLB Monash, MBA Melb, Professional Associate, Faculty of Science and Technology, 1 September 2019

**Ms Kristen Murray**, BA ANU; BSc (Hons) ANU; PhD (Clinical Psychology) ANU, Adjunct Assistant Professor, Faculty of Health, 1 March 2019

**Associate Professor Laure Muselli**, MSc Dauphine France, PhD Paris XIII France, Adjunct Associate Professor, Faculty of Arts and Design, 1 September 2019

**Mrs Katja Naunton-Boom**, BSc UG Netherlands, MSc (Pharm) UG Netherlands, Professional Associate, Faculty of Health, 1 September 2019

**Ms Yee Ng**, BPharm (Hons) USYD, MCLinEpid UON, Professional Associate, Faculty of Health, 1 March 2019

**Professor Ellen Nohr**, MHS Aarhus Denmark; PhD Aarhus Denmark, Adjunct Professor, Faculty of Health, 1 September 2019

**Ms Roisin O'Hagan**, Dip OccuThy UK; GradCert Community Counselling UC, Professional Associate, Faculty of Health, 1 November 2019

**Dr Franco Papandrea**, BE UNSW, MBA UNSW, GradDip Ec ANU, PhD ANU, Adjunct Professor, Faculty of Arts and Design, 1 September 2019

**Professor Douglas Paton**, BSc (Hons) St Andrews UK; PhD Edinburgh UK, Adjunct Professor, Faculty of Health, 1 March 2019

**Dr Robert Pereira**, BOccThy (Hons) Deakin; PhD Macquarie, Adjunct Associate Professor, Faculty of Health, 1 September 2019

**Professor LeRoy Poff**, PhD CSU USA, Adjunct Professor, Faculty of Science and Technology, 1 September 2019

**Dr Paul Porteous**, BEc USYD, LLB USYD, MPA Harvard, PhD UC, Adjunct Professor, Institute for Governance and Policy Analysis (IGPA), 1 March 2019

**Mr Richard Refshauge**, BA (Hons) ANU, LLB ANU, Adjunct Professor, Faculty of Business, Government and Law, 1 June 2019

**Mr Rob Richards**, BNatRes (Hons), Professional Associate, Faculty of Science and Technology, 1 September 2019

**Professor James Robertson AM PSM**, Adjunct Professor, Faculty of Science and Technology, 1 July 2019

**Dr Gary Rumble**, BA/LLB (Hons) ANU, PhD (ANU), Adjunct Professor, Faculty of Business, Government and Law, 1 November 2019

**Dr Wendy Ruscoe**, BAppSc QIT, PhD QUT, Professional Associate, Faculty of Science and Technology, 1 September 2019

**Mr Scott Russell**, B.Eng (Hons) UTS, Professional Associate, Faculty of Science and Technology, 1 September 2019

**Dr Michelle Salmona**, EdD (UTS); MHE (ANU); MBT (UNSW); GCULT (UNSW); GradCertPM (UTS), Adjunct Professor, Faculty of Education, 1 November 2019

**Dr Mike Santer**, BEng Southampton UK, PhD Southampton UK, Adjunct Professor, Faculty of Arts and Design, 1 September 2019

**Dr Manab Sharma**, MSc, PhD Dibrugarh India, Adjunct Assistant Professor, Faculty of Health, 1 September 2019

**Mr Ravi Sharma**, MPharm Lond UK, PgDipm KCL UK, PG Cert UOH UK, PGMSc Imperial UK, Professional Associate, Faculty of Health, 1 March 2019

**Dr Brad Sherman**, BSc (Hons) University of California; PhD UWA, Adjunct Associate Professor, Faculty of Science and Technology, 1 September 2019

**Dr Marc Smith**, BSc UC, LLB UC, BA ANU, LLM ANU, PhD ANU, MPhil Cantab UK, Adjunct Professor, Faculty of Business, Government and Law, 1 November 2019

**Mr Graham Smith**, BSc (Hons) Melb, MPA Canberra, Professional Associate, Faculty of Business, Government and Law, 1 September 2019

**Dr Janet Smith**, BA UNSW, Dip Ed USYD, M.Ed UC, PhD UC, Adjunct Associate Professor, Faculty of Education, 1 September 2019

**Dr Michael Socolow**, BA Columbia USA; PhD Georgetown USA, Adjunct Associate Professor, Faculty of Arts and Design, 1 September 2019

**Professor Daniela Stehlik**, BA ANU, M SocSci ECU, PhD UWA, Adjunct Professor, Faculty of Education, 1 September 2019

**Dr Jan Taylor**, BAppScNurs CCAE, MNurs UC, PhD UWS, Adjunct Associate Professor, Faculty of Health, 1 September 2019

**Dr Scott Teasdale**, BAppSc WSU, BNutrDiet UON, PhD UNSW, BAppSci, Professional Associate, Faculty of Health, 1 September 2019

**Dr Nina Terrey**, BBus UTS, PhD UC, Adjunct Associate Professor, Institute for Governance and Policy Analysis (IGPA), 1 March 2019

**Dr Karen Tindall**, BArts (Hons) ANU, PhD ANU, Adjunct Associate Professor, Faculty of Business, Government and Law, 1 September 2019

**Mr Luke Toy**, B Comms (Hons) UC, B Media/MultimediaUC, MPP ANU, Professional Associate, Faculty of Arts and Design, 1 September 2019

**Dr Kishor Vaidya**, GradCert Mgt CQU, GradDip InfoSystMgt CQU, M InfoSysMgt CQU, PhD UNE, Adjunct Associate Professor, Faculty of Business, Government and Law, 1 September 2019

**Ms Mary Venner**, BA Adelaide, MSc LSE, Grad Dip UC, PhD UNSW, Professional Associate, Institute for Governance and Policy Analysis (IGPA), 3 January 2019

**Dr Lizzie Wandrag**, BSc (Hons) Stirling UK, MSc Aberdeen UK; PhD Lincoln UK; Professional Associate, Faculty of Science and Technology, 1 September 2019

**Dr Helen Watchirs OAM**, PhD ANU, Adjunct Professor, Faculty of Business, Government and Law, 1 November 2019

**Dr Alison Wicks**, B AppSci Curtin, M HealthSci UniSA, PhD CSU, Adjunct Associate Professor, Faculty of Health, 1 September 2019

**Dr Kate Wilson, MA (Hons)**, Edinburgh University, GradDip Ed CCAE, M Ed UniSA, PhD UTS, Adjunct Associate Professor, Faculty of Education, 1 November 2019

**Dr Lauren Wilson**, PhD ANU, PhD UC, Adjunct Associate Professor, Faculty of Science and Technology, 1 September 2019

## UNIVERSITY OF CANBERRA HONOURS

The University of Canberra would like to congratulate all staff and alumni who were recognised in the Australia Day and Queen's Birthday Honours for 2019.

### 2019 AUSTRALIA DAY HONOUR RECIPIENTS

#### Ms Kathryn Campbell AO

Current Adjunct Professor, 2017–2020  
Officer (AO) in the General Division of the Order of Australia

For distinguished service to public administration through senior roles with government departments, and to the Australian Army Reserve.

#### Ms Susan Maslin AO

Alumna, Graduate Diploma in Media, 1983 and Distinguished Alumna, 2019  
Officer (AO) in the General Division of the Order of Australia

For distinguished service to the Australian film industry as a producer, and through roles with professional bodies.

#### Emeritus Professor Valerie Atkinson AM

Alumna, Bachelor of Arts in Professional Writing, 1988  
Member (AM) in the General Division of the Order of Australia

For significant service to the Indigenous community, to education, and to mental health.

#### Emeritus Professor Sharon Bell AM

Former Staff, Deputy Vice-Chancellor, 2006–2008  
Member (AM) in the General Division of the Order of Australia

For significant service to tertiary education, and as an advocate for gender equity.

#### Professor David Crawford AM

Former Adjunct Professor, 2011–2014  
Member (AM) in the General Division of the Order of Australia

For significant service to science, education and research in the field of public health nutrition.

#### Professor Mary Galea AM

Alumna, Graduate Certificate in Clinical Trials Management, 2000  
Member (AM) in the General Division of the Order of Australia

For significant service to medical education in the field of clinical physiotherapy, and to professional associations.

#### Mrs Narelle Hargreaves AM

Alumna, Bachelor of Education, 1989  
Member (AM) in the General Division of the Order of Australia

For significant service to children and young people in the Australian Capital Territory, and to education.

#### Mr Mark Orr AM

Alumnus, Graduate Diploma in Special Education, 1995  
Member (AM) in the General Division of the Order of Australia

For significant service to community health through a range of initiatives.

#### Dr Kaye Price AM

Former staff, Director of the Ngunnawal Centre, 2008–2010; Lecturer, 2006–2010

Member (AM) in the General Division of the Order of Australia  
For significant service to education, particularly through Indigenous teaching initiatives.

#### Professor David Widdowson AM

Alumnus, PhD Public Sector Management, 2003; Master of Business Administration, 1999; Advanced Diploma in Business, 1999 Former Staff, CEO of Customs and Excise Studies 2006–2016

Member (AM) in the General Division of the Order of Australia  
For significant service to higher education in the field of international trade and customs.

#### The Honourable Grant Woodhams AM

Alumnus, Graduate Diploma in Recreation Planning, 1980  
Member (AM) in the General Division of the Order of Australia

For significant service to parliament and politics, and to the community of Western Australia.

#### Commodore Michael Miko AM

Alumnus, Master of Management in Defence Studies, 2002  
Member (AM) in the Military Division of the Order of Australia

For exceptional service to the Royal Australian Navy in the field of Maritime Logistics.

#### Brigadier Scott Benbow AM

Alumnus, Master of Management in Defence Studies, 2005  
Member (AM) in the Military Division of the Order of Australia

For exceptional service in the field of Rotary Wing Aviation Capability Management.

#### Brigadier Anthony Rawlins AM

Alumnus, Master of Management in Defence Studies, 2002  
Member (AM) in the Military Division of the Order of Australia

For exceptional service as the Director General Military Strategic Commitments and Commander 7th Combat Brigade.

#### Air Commodore Gregory Hoffman AM

Alumnus, Master of Management in Defence Studies, 2004  
Member (AM) in the Military Division of the Order of Australia

For exceptional service in aerospace acquisition and sustainment for the Australian Defence Force.

**Mr Terry Birtles OAM**

Former staff, Associate Professor in Applied Geography 1970–2000

*Medal (OAM) of the Order of Australia in the General Division*

For service to the community through a range of roles.

**Mr Ross Dunn OAM**

Alumnus, Bachelor of Arts in Modern Languages, 1979; Former staff, Deputy Director, Human Resources, 1989–2007  
Donor to the Clea Rose Travel Award

*Medal (OAM) of the Order of Australia in the General Division*

For service to the community through victims of crime advocacy and support.

**Mrs Sue Kominek OAM**

Alumna, Graduate Diploma in Special Education, 1983; Bachelor of Education, 1977

*Medal (OAM) of the Order of Australia in the General Division*

For service to education, and to the community of Gundaroo.

**Dr Holly Northam OAM**

Alumna, PhD, Health, 2016; Master of Critical Care Nursing, 2006; Current Staff, Discipline Lead in Nursing

*Medal (OAM) of the Order of Australia in the General Division*

For service to medicine through a range of roles.

**Ms Glenys Patulny OAM**

Alumna, Master of Educational Leadership, 2001; Graduate Diploma in Education, 1984

*Medal (OAM) of the Order of Australia in the General Division*

For service to the community of Tuggeranong.

**Ms Jane Smyth OAM**

Alumna, Bachelor of Education, 1989  
Former Staff, 1993–1995

*Medal (OAM) of the Order of Australia in the General Division*

For service to the community of Canberra.

**Mr Jonathan Palmer PSM**

Alumnus, Bachelor of Arts in Computing Studies 1985; Former Adjunct Professor, 2005–2013  
*Public Service Medal (PSM)*

For outstanding public service as the Deputy Australian Statistician, and through contributions to the international statistical community.

**Mr Matt Yannopoulos PSM**

Alumnus, Bachelor of Commerce in Accounting, 1997; Adjunct Professor, 2015–2018

*Public Service Medal (PSM)*

For outstanding public service through the leadership and delivery of reform to payments for Child Care.

**Dr Loretta Zamprogno**

Alumna, Doctor of Legal Science, 2002; Master of Laws, 1997; Former Adjunct Professor, 2004–2013

*Public Service Medal (PSM)*

For outstanding public service to the law, and to legal education, in the Australian Capital Territory.

**Lieutenant General John Frewen**

Alumnus, Master of Defence Studies, 1999

*Distinguished Service Cross (DSC)*

For distinguished command and leadership in warlike operations as the Commander Joint Task Force 633 on Operations OKRA and HIGHROAD from January 2017 to January 2018.

**Brigadier Michael Prictor DSM**

Alumnus, Master of Management in Defence Studies, 2001

*Distinguished Service Medal (DSM)*

For distinguished leadership in warlike operations as the Commander of Task Group Afghanistan on Operation HIGHROAD from November 2016 to November 2017.

**Brigadier Craig Shortt DSM**

Alumnus, Master of Management in Defence Studies, 2005

*Distinguished Service Medal (DSM)*

For distinguished leadership in warlike operations as the CJ3 Chief of Operations, Headquarters Resolute Support, Kabul, Afghanistan while deployed on Operation HIGHROAD over the period September 2016 to October 2017.

**Captain Anthony Klenthis CSC**

Alumnus, Master of Business Administration, 1993

*Conspicuous Service Cross (CSC)*

For outstanding achievement in strategic workforce planning for the Royal Australian Navy.

## 2019 QUEEN'S BIRTHDAY HONOUR RECIPIENTS

### Mrs Nicola Forrest AO

Alumna, Bachelor of Arts in Secretarial Studies, 1982; Distinguished Alumna, 2015

*Officer (AO) in the General Division of the Order of Australia*

For distinguished service to the community through philanthropic support for education and the arts, to business, and to the community.

### Mr Peter Martin AO

Former Staff, 2005–2009

*Officer (AO) in the General Division of the Order of Australia*

For significant service to multi-platform and print media as an economics journalist.

### Mr James Glissan QC AM

Former Adjunct Professor, 2004–2007

*Member (AM) In The General Division of the Order of Australia*

For significant service to the law in New South Wales.

### Professor Barbara Pamphilon AM

Alumna, Bachelor of Applied Science in Health Education, 1989; Current staff member

*Member (AM) in the General Division of the Order of Australia*

For significant service to higher education, and to the community.

### Professor Dharmenda Sharma AM

Current staff member; Member of UC Council 2014–2019

*Member (AM) in the General Division of the Order of Australia*

For significant service to higher education, and to computer science.

### Mr Andrew Spate AM

Alumnus, Bachelor of Applied Science, 1973

*Member (AM) in the General Division of the Order of Australia*

For significant service to conservation, particularly to caves and karsts.

### Dr Janice Davies OAM

Alumna, Graduate Diploma in Human Resource Management, 1994

*Medal (OAM) of the Order of Australia in the General Division*

For service to community health.

### Ms Caroline Flynn OAM

Alumna, Graduate Diploma in Special Education, 1982

*Medal (OAM) of the Order of Australia in the General Division*

For service to the community through a range of organisations.

### Mrs Colette Mackay

Supporter of UC, and wife of former Chancellor Dr John Mackay AM

*Medal (OAM) of the Order of Australia in the General Division*

For service to the community of the Australian Capital Territory.

### Ms Judith McNay OAM

Former staff, 1995–1999

*Medal (OAM) of the Order of Australia in the General Division*

For service to veterans and their families.

### Dr Krishna Nadimpalli OAM

Adjunct Associate Professor, 2016–2019

*Medal (OAM) of the Order of Australia in the General Division*

For service to multiculturalism in the Australian Capital Territory.

### Dr Noel Nannup OAM

Alumnus, Associate Diploma of Applied Science, 1993

*Medal (OAM) of the Order of Australia in the General Division*

For service to the Indigenous community of Western Australia.

### Mrs Vivien Palmer OAM

Alumna, Bachelor of Education, 1979, Graduate Certificate in Professional Studies, 2004

*Medal (OAM) of the Order of Australia in the General Division*

For service to education, and to the community.

### Mr Michael Sparks OAM

Former staff, 2007–2016

*Medal (OAM) of the Order of Australia in the General Division*

For service to community health.

### Mr Ryan Fernando PSM

Alumnus, Bachelor of Applied Science, 2004

*Public Service Medal (PSM)*

For outstanding public service through improving the diagnosis and treatment of sleep apnoea.

### Ms Kerry Petersen PSM

Alumna, Graduate Certificate in Strategic Asset Management, 1999

*Public Service Medal (PSM)*

For outstanding public service to infrastructure projects and programs in Queensland.

## TRUST

Trust is the turn-key for change, allowing better and more open relationships to form and build throughout the process

# UC FOUNDATION

**In 2019, 364 donors  
(individuals and organisations)  
contributed by way of  
philanthropic means to the  
University of Canberra.**

These donations provided support to our students in the form of scholarships, prizes and funding for student support programs, and to academic research and campus development programs.

## THE UNIVERSITY OF CANBERRA FOUNDATION

### Women's Celebration Breakfast

The 2019 Women's Breakfast was hosted at the National Portrait Gallery, in support of cancer recovery and research at the University.

On the day, 225 professionals and community members came together to hear from keynote speakers Virginia Haussegger AM, Director of 50/50 by 2030 Foundation at UC and esteemed media professional, and Kate Munari, a member of the Royal Australian Navy and the only female helicopter pilot to fly in Afghanistan.

Professor Michelle Lincoln, Executive Dean of the Faculty of Health and Dr Kellie Toohey, an accredited exercise physiologist and lead of the PACES research group at the University, shared news about the Cancer Recovery program that supports the rehabilitation of cancer patients through physical activity and mental health support.

The 16-week program is delivered by staff and students and costs \$1,500 per participant. The Women's Celebration Breakfast raised over \$40,000 (which represents a 68 per cent increase on funds raised at the 2018 Breakfast) in support of the Cancer Recovery Program and further research into cancer recovery. Funds raised will further subsidise the cost of participation and allow more participants to enter this important program.

### Giving

The University's alumni and friends contributed \$1.4 million in pledged or donated funds to projects and services in 2019.

The impact of these funds is being witnessed across the University in the areas of equity scholarships, research and contributions to campus development.

### Scholarships and Student Equity

A key priority of the UC Foundation is to support students from disadvantaged backgrounds to aspire to a university education and achieve their full potential. Scholarship programs focus on supporting students from backgrounds that are underrepresented in Australian higher education. The priority is to support students from Indigenous, rural and remote, and refugee backgrounds, and students with a disability.

The dozens of philanthropic scholarships on offer exist due to the generosity of the University's supporters.

The continued support of philanthropic scholarships has allowed students otherwise facing detrimental or prohibitive circumstances to better excel in their studies.



## 2019 DONOR HONOUR ROLL

The University of Canberra would like to acknowledge and thank the generous individuals and organisations who supported the UC Foundation in 2019. The support of donors, alumni and friends is critical to the University of Canberra's success.

### ORGANISATIONS, TRUSTS AND FOUNDATIONS

*1 Anonymous Donor*

ACT Government Justice and Community Safety Directorate  
 ACT Human Rights Commission  
 ACT Law Society  
 ACT Ombudsman Office  
 ACT Supreme Court  
 ACTWell First Aid Training PTY LTD  
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 Clayton Utz - ACT  
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 David Healey Solicitors  
 Eastlake Football Club  
 Eastlake Women's Team  
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Rotary Club of Hall  
 RXP Services  
 The Mill House  
 The Religious Society of Friends (Canberra)  
 University of Canberra, Campus Estates  
 Veolia Mulwaree Trust  
 Western District Rugby Union Club  
 Women Lawyers Association of the ACT

### INDIVIDUALS

*82 Anonymous Donors*

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 Ms Kirsten Sharp  
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 Ms Amy Ward  
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 Mr Paul Weir  
 Emeritus Professor Roger Wettenhall and Ms Roslyn Byrne  
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 Ms Wendy Williams  
 Ms Heather Williams  
 Ms Janet Wilson  
 Ms Lynette Wilson  
 Ms Lyn Wing  
 Ms Edwina Wundersitz  
 Mrs Alison Young  
 Ms Elaine Zwangobani

### Bequests and Estates

The University of Canberra expresses its sincere appreciation for the charitable bequests received from the following estates in 2019:

- Estate of Alan Thomas Bishop

### UC Bequest Society

The University would like to acknowledge the alumni and friends who, in 2019, indicated their intention to remember the University of Canberra in their Wills.

Thank you to all of University of Canberra donors. Your support of the University and its activities is greatly appreciated. The University would also like to acknowledge and thank all of those who gave their valuable time, knowledge and experience through volunteer activities.

## CULTURE AND RESPECT

Acknowledging our past, and identifying a more inclusive future built on the foundations of culture and respect.

# END NOTES

## APPENDIX 1: WORKPLACE HEALTH AND SAFETY

### COMMITMENT

The University of Canberra is committed to promoting, maintaining and ensuring the health, safety and welfare of its workers, students, contractors and visitors. Workplace Health and Safety (WHS) is managed in accordance with the statutory provisions of the *Work Health and Safety Act 2011*.

### CONSULTATION

The People, Diversity and Safety Committee remained the University's peak consultative body for work health and safety with the Safety and Wellbeing Advisory Committee (SWAC) continuing as a sub-committee of the People, Diversity and Safety Committee. The tiered WHS Committees monitored the effectiveness of UC's Safety Management System, considered injury prevention initiatives and programs, and promoted the achievement of improved health and safety outcomes.

All University designated work groups maintained a nominated Health and Safety Representative throughout 2019.

### INITIATIVES

To demonstrate the University's commitment to safety and that its established sound occupational health and safety practices demonstrates compliance against regulatory frameworks, the University committed to the assessment and certification of its current safety management system against AS/NZS 4801, the Australian and New Zealand standard for Occupational Health and Safety Management Systems.

In 2019, the University continued to improve, implement and maintain AS4801 certification complying with the management system standard requirements.

Other activities undertaken to meet the University's obligations under the WHS legislation included:

- Developed and reported on WHS key performance indicators and targets to the Vice-Chancellor and Senior Management Group; the Audit and Risk Management Committee and the University Council
- Ensuring the relevance and effectiveness of the WHS policy/statement of commitment through periodic review
- Continued to promote the Safe Community Incident reporting tool to staff and students across campus
- A program of internal audit of the University's current work, health and safety management system
- The emergency control organisation, which brings together the various wardens and first aid officers, frequently meeting to undertake training, development and review of systems and processes including regular emergency evacuation exercises
- Providing training, awareness seminars and guidance material on safety related topics.

### INJURY MANAGEMENT

The University of Canberra adopted a more vigorous and targeted approach to ensure that the Work Health and Safety (WHS) and Rehabilitation of employees was improved and to positively impact steadily escalating premiums. Target areas were injury prevention by building capability and accountability of managers, early intervention and return to work strategies, and improved management of long-term claims. Significant results have been achieved with a premium reduction of 56% (\$693K).

Early intervention and injury management initiatives included:

- Ongoing provision of work-station assessments
- Engagement of rehabilitation providers for both compensable and non-compensable injuries/illnesses to support employees to an early, safe and supported return to the workplace
- Provision and promotion of professional and confidential counselling services available to staff and their families through the Employee Assistance Program (EAP)
- Provision and promotion of the EAP Manager Assist Program.

### PROVISIONAL IMPROVEMENT NOTICES

During 2019, no directions or notices under the Work Health and Safety Act 2011 were served on the University by WorkSafe ACT, Health and Safety Representatives, or Comcare.

### WELLBEING

A range of initiatives aimed at encouraging staff to pursue healthy and active lifestyles continued over the year including:

- Mental health awareness promotion activities
- Mental Health First Aid, a training course designed to support the mental health of students and staff in the University
- 'September', motivating employees to be more active by challenging them to take 10,000 steps a day
- Employer-funded influenza immunisation for staff and students
- Involvement in Red Cross blood donor program that supports employees volunteering as blood donors
- Access to a corporate health plan for staff private health cover.

### BREASTFEEDING FRIENDLY WORKPLACE

The University of Canberra aims to provide an environment that enables staff, students and visitors to balance breastfeeding/expressing of milk with their work and study responsibilities.

The University continues to maintain accreditation as a breastfeeding-friendly workplace through the Australian Breastfeeding Association.

## APPENDIX 2: FREEDOM OF INFORMATION

This information is given in relation to the *Freedom of Information Act 2016 (ACT)*.

### FUNCTIONS AND DECISION-MAKING POWERS

The University is established under the University of Canberra Act 1989 (ACT) (the Act). The functions of the University include:

- To transmit and advance knowledge by undertaking teaching and research of the highest quality
- To encourage and provide facilities for postgraduate study and research
- To provide facilities and courses for higher education generally, including education appropriate for professional and other occupations for students from within Australia and overseas
- To award and confer degrees, diplomas and certificates, whether in its own right, jointly with other institutions, or as otherwise decided by the council
- To provide opportunities for people, including those who already have post-secondary qualifications, to obtain higher education qualifications
- To develop and provide cultural, sporting, professional, technical and vocational services to the community
- To participate in public discourse
- To engage in extension activities
- To commercially exploit or develop, for the University's benefit, any property of the University including any facility, resource, real property or other right or interest.

The Council is responsible for the entire management of the University. The Council monitors the performance of the University against its Strategic Plan, approves policies relating to all University activities, and oversees the management of the University through the Vice-Chancellor.

Under section 40 of the Act, the Council may also make statutes and rules with respect to the various aspects of the management, good governance and discipline of the University.

### PUBLIC PARTICIPATION

Members of the public contribute to the work of the University in a number of ways. Some examples include:

- Membership of various boards and committees including the council, the planning and development committee, the finance committee and other working groups
- Participation in consultative groups for course/program design and review
- Participation in a range of client consultative processes such as student surveys and other activities
- Access to teaching and learning for members of the university of the third age
- Attending public lectures and other events
- Participation in the university's alumni network.

### PUBLICATIONS PRODUCED BY THE UNIVERSITY

A range of documents are available to the public, free of charge, on the University's website. They include:

- The university's strategic plan
- Statutes, rules and policies of the university
- Annual reports
- Meeting agendas and minutes
- Course guides
- International students guide
- University news
- Material on student support services and student accommodation
- Other occasional publications on various matters, such as research activities.

### ACCESS TO DOCUMENTS

The University has a policy of openness with respect to its activities and seeks to provide maximum access to its records. Individuals can obtain information regarding access to their personal information by reference to the University's Personal Information Digest at [www.canberra.edu.au/about-uc/policyand-legislation/privacy](http://www.canberra.edu.au/about-uc/policyand-legislation/privacy).

For other documents, depending upon the nature of the documents, the University may be willing to provide them to applicants without the need to make a formal request under the FOI Act.

The University is subject to the *Freedom of Information Act 2016 (ACT)* (the FOI Act). Any person may submit a request to access a document of the University. Requests for access to information should be directed, in writing, to the FOI Information Officer, University of Canberra ACT 2601, or by email to [foi@canberra.edu.au](mailto:foi@canberra.edu.au). Applications should include details of where any notices under the FOI Act should be sent. Applicants should provide sufficient detail to enable the University to identify and locate the information requested. All requests will be acknowledged within 10 business days.

The FOI Act provides for fees to be charged for the time and resources used in meeting a request. The FOI Information Officer is authorised to make a decision in respect of a request for access to University information.

The University has established procedures for staff and students to request access to their personal files. No formal FOI application is required for this type of access.

The University is located at 11 Kirinari Street, Bruce, ACT, and is open for business between 9am and 5pm, Monday to Friday (except on public and University holidays).

For more information see [www.canberra.edu.au/about-uc/policy-and-legislation/freedom-of-information](http://www.canberra.edu.au/about-uc/policy-and-legislation/freedom-of-information).

## APPENDIX 3: RISK MANAGEMENT

The University of Canberra's Risk Management Plan establishes the processes for risk management across the University. This Plan is consistent with the Risk Management Standard (AS ISO 31000:2018) Risk Management – Guidelines.

The University maintains a Strategic Risk Register which documents risks specific to the achievement of the Strategic Plan and its objectives. Additionally, each operational area, including faculties, portfolios and controlled entities, maintains an operational risk register. These registers identify risks that may impact on organisational activities and outcomes across the range of activities and processes undertaken across the University. Risks are monitored and reported on utilising risk treatment action plans. The ongoing monitoring and review of risk registers ensures that the University's risk profile retains its accuracy and currency.

Resilience management training, which incorporates risk management, has been established and is available for all staff. The University's risk management program is coordinated through the Risk and Audit team within the Office of the General Counsel and University Secretary. Training across the University supports the effective application of the risk framework and plan.

### BUSINESS CONTINUITY

The University's Business Continuity Plan describes the arrangements that the University of Canberra will use to ensure continuity of its key services after a major, unexpected and disruptive incident. It consists of the management structure, staff roles and responsibilities, and actions that are to be implemented in response to a business interruption event. The Business Continuity Plan has been developed by drawing upon a range of better practice guides and the Australian New Zealand Standard (AS/NZS 5050:2010 Business continuity – Managing disruption-related risk).

Business units, faculties, research institutes and controlled entities maintain a Team Plan to support the individual area. Regular testing of these plans will be undertaken to ensure business continuity arrangements are current and effective.

### INTERNAL AUDIT

The University's internal audit services were provided under contract by PricewaterhouseCoopers. The internal audit program was developed by the Chief Audit Executive after identifying areas of operational and financial risk, and was approved by the ARMC. Five audits were completed in the 2019 financial year and reported to the ARMC as follows:

- Contract management
- Payroll, including superannuation
- Records management
- E-Recruitment
- Research regulatory compliance.

### FRAUD PREVENTION

The Fraud and Corruption Control Plan sets out the process for managing and monitoring the University's fraud risks. This Plan forms a critical part of the University's broader Resilience Management Framework and outlines all fraud prevention, detection, minimisation and reporting initiatives, adopted to reduce the University's exposure and vulnerability to fraudulent activity. The University's Fraud and Corruption Plan is consistent with the Australian Standard 8001-2008 Fraud and Corruption Control.

# GLOSSARY

<b>AAARNet</b>	Australia's Academic and Research Network	<b>IAE</b>	Institute for Applied Ecology
<b>ABL</b>	Australian Baseball League	<b>ICOMOS</b>	International Council on Monuments and Sites
<b>ACSC</b>	Australian Cyber Security Centre	<b>IGPA</b>	Institute for Governance and Policy Analysis
<b>AHECS</b>	Australasian Higher Education Cybersecurity Service	<b>ISAC</b>	Information Sharing and Analysis Centre
<b>AIME</b>	Australian Indigenous Mentoring Experience	<b>ISSS</b>	International Student Support Service
<b>AIS</b>	Australian Institute of Sport	<b>KCO</b>	Kuwait Cultural Office
<b>ANU</b>	Australian National University	<b>LGBTQI</b>	Lesbian, Gay, Bisexual, Transgender, Queer and Intersex
<b>ANZCA</b>	Australian and New Zealand Communication Association	<b>MACE</b>	Master of Applied Clinical Epidemiology
<b>AO</b>	Officer of the Order	<b>MBA</b>	Master of Business Administration
<b>Apo</b>	Analysis and Policy Observatory	<b>MoAD</b>	Museum of Australian Democracy
<b>ARC</b>	Australian Research Council	<b>MOET</b>	Vietnamese Ministry of Education and Training
<b>ARMC</b>	Audit and Risk Management Committee	<b>MoU</b>	Memorandum of Understanding
<b>ARRTS</b>	Australian Defence Force Arts for Recovery, Resilience, Teamwork and Skills	<b>MRFF</b>	Medical Research Future Fund
<b>ASADA</b>	Australian Sports Anti-Doping Authority	<b>N&amp;MRC</b>	News and Media Research Centre
<b>ASPIRE</b>	Advanced Supervision Program for Improved Researched Supervision	<b>NAEEA</b>	National Association of
<b>ATODA</b>	Alcohol Tobacco and Other Drug Association ACT	<b>Enabling Educators of Australia</b>	Science, Technology, Engineering and Mathematics
<b>BUP</b>	Bangladesh University of Professionals	<b>NAPA</b>	National Academy of Public Administration
<b>CAPSCA</b>	Centre for Asia Pacific School and Community Advancement	<b>NATSEM</b>	National Centre for Social and Economic Modelling
<b>CAUDIT</b>	Council of Australasian University Directors of Information Technology	<b>NBU</b>	Ningbo University
<b>CBA</b>	Centre for Biodiversity Analysis	<b>NGA</b>	National Gallery of Australia
<b>CCCR</b>	Centre for Creative and Cultural Research	<b>NHMRC</b>	National Health and Medical Research Council
<b>CGIAR</b>	Consultative Group on International Agricultural Research	<b>NISU</b>	National Integrity of Sport Unit
<b>CoA</b>	Commonwealth of Australia	<b>NSAC</b>	Nominations and Senior Appointments Committee
<b>CPA</b>	Cerebral Palsy Alliance	<b>NSSN</b>	NSW Smart Sensing Network
<b>CRDC</b>	Cotton Research and Development Corporation	<b>OAM</b>	Medal of the Order of Australia
<b>CResTS</b>	Centre for Research and Therapeutic Solutions	<b>OATSILS</b>	Office of Aboriginal and Torres Strait Islander Leadership and Strategy
<b>CSC</b>	Centre for Sustainable Communities	<b>PEAs</b>	Performance Evaluation Assessment
<b>CSMC</b>	Canberra Specialist Medical Centre	<b>PSM</b>	Public Service Medal
<b>DBT</b>	Dialectical Behaviour Therapy	<b>QILT</b>	Quality Indicators for Learning and Teaching
<b>DECRA</b>	Discovery Early Career Researcher Awards	<b>RESANNZ</b>	Research and Education Advanced Network New Zealand
<b>DFAT</b>	Department of Foreign and Affairs and Trade	<b>RTP</b>	Research Training Program
<b>DITM</b>	Digital, Information and Technology Management	<b>SERC</b>	STEM (Science, Technology, Engineering and Mathematics) Education Research Centre
<b>DSE</b>	Disability Standards for Education	<b>SES</b>	Student Experience Survey
<b>DSM</b>	Distinguished Service Medal	<b>SSAF</b>	Student Services and Amenities Fee
<b>DTF</b>	Discovery Translation Fund	<b>STAR</b>	Student Access and Retention
<b>EA</b>	Enterprise Agreement	<b>SWAC</b>	Safety and Wellbeing Advisory Committee
<b>EAP</b>	Employee Assistance Program	<b>THE</b>	Times Higher Education
<b>ECARD</b>	Early Career Academic Researcher Development	<b>TRIP</b>	Teaching Research Integrated Planner
<b>ECUST</b>	East China University of Science and Technology	<b>U3A</b>	University of the Third Age
<b>eDNA</b>	environmental DNA	<b>UCC</b>	University of Canberra College
<b>EFTSL</b>	Equivalent Full-Time Student Load	<b>UC CIRI</b>	University of Canberra's Collaborative Indigenous Research Initiative
<b>ELSA</b>	Early Learning STEM Australia	<b>UC-HRI</b>	University of Canberra Health Research Institute
<b>EPHEA</b>	Equity Practitioners in Higher Education Australasia	<b>UCRISE</b>	University of Canberra Research Institute for Sport and Exercise
<b>ERA</b>	Excellence in Research for Australia	<b>UCSRC</b>	University of Canberra Student Representative Council
<b>ESOS</b>	Education Services for Overseas Students	<b>UIF</b>	University Innovation Fellows
<b>FFT</b>	Family Farm Teams	<b>USP</b>	University of the South Pacific
<b>GCoM</b>	Global Covenant of Mayors	<b>VNU HCM</b>	Vietnam National University Ho Chi Minh City
<b>GEP</b>	Global Employability Program	<b>WGEA</b>	Workplace Gender Equality Agency
<b>GIS</b>	Geographic Information System	<b>WHS</b>	Work Health and Safety Act 2011
<b>GOS</b>	Graduate Outcomes Survey	<b>WNBL</b>	Women's National Basketball League
<b>HDR</b>	Higher Degree by Research	<b>WP</b>	Widening Participation
<b>HEPPP</b>	Higher Education Participation and Partnerships Program		
<b>Partnerships Program</b>	National Aeronautics and Space Administration		
<b>I&amp;E</b>	Inclusion and Engagement		



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