



FLINDERS UNIVERSITY

**COLLEGE OF SCIENCE
AND ENGINEERING**

INFORMATION FOR CANDIDATES



FLINDERS FAST FACTS

PEOPLE

1966 90 STAFF 400 STUDENTS	2018 2,635 STAFF 26,101 STUDENTS	ALUMNI OVER 100,000 IN 120 COUNTRIES	619 RESEARCH-ACTIVE STAFF
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Staff, student and enrolment numbers are preliminary figures based on 2018 data and subject to change.

4,711 INTERNATIONAL STUDENTS FROM MORE THAN 100 COUNTRIES

RANKINGS & RESEARCH

FIVE STARS
IN MEDICINE FOR
LEARNER ENGAGEMENT,
LEARNING RESOURCES
AND TEACHING QUALITY

The Good Universities Guide 2019.

90% of research rated
world class or above
ERA rankings 2015



INTERNATIONAL

OVER 100
PARTNER INSTITUTIONS

ACROSS **33**
COUNTRIES

10 OFFSHORE PROGRAMS

TOP 5 IN AUSTRALIA

FOR INTERNATIONAL STUDENT SUPPORT

ISB 2018, overall support benchmark

INNOVATION & ENTERPRISE

PARTNERSHIP WITH FOX
SCHOOL OF BUSINESS US TOP
TEN BUSINESS SCHOOL FOR
ENTREPRENEURSHIP

\$120M INNOVATION CENTRE
AT TONSLEY FOR COMPUTER
SCIENCE, ENGINEERING
AND MATHEMATICS

232 START-UPS CREATED
AND 2,218 INDIVIDUALS
TRAINED BY FLINDERS'
NEW VENTURE INSTITUTE

**NVI: BEST UNIVERSITY INCUBATOR
IN THE ASIA-PACIFIC**

*Flinders' New Venture Institute named 'Top Challenger' in Asia-Pacific in 2017/18 UBI World Benchmark Study

INTRODUCTION

Welcome to the College of Science and Engineering!

We believe in the power of science and engineering to solve real world problems. We strive to advance fundamental science, to create new technologies, and to work across discipline boundaries. Our interests scale from the sub-atomic through to entire oceans, forests and beyond.

We seek to understand the past, but also to create the world of the future. We are passionate about education and endeavour to create a relevant and stimulating learning environment for our students. They live in a rapidly changing world, an environment where the cutting-edge technology of today will quickly become the fossil of tomorrow. We seek to equip our graduates with the skills required to identify and solve problems that are yet to be identified using methods and technologies that are yet to be developed.

We work as a team, not as individuals. We seek to inspire and encourage, while not shying away from honest and frank criticism. Excellence in all we do is pivotal to our success.

Our mission is to positively change lives and improve the world in which we live. We look forward to working with you towards that goal.



Professor Alistair Rendell
Vice President & Executive Dean
College of Science and Engineering



“*EXPERIMENT
and experiment bravely*”

- Professor Peter Karmel, founding Vice-Chancellor

OUR STRATEGIC PLAN AND CORE VALUES:

Making a Difference – The 2025 Agenda sets out an ambitious vision for Flinders to become an Australian top ten university, and amongst the top 1% in the world.

FOUNDED ON FOUR PILLARS



PEOPLE
AND CULTURE



RESEARCH



EDUCATION



ENGAGEMENT
AND IMPACT

OUR VISION

To be internationally recognised as a world leader in research, an innovator in contemporary education, and the source of Australia’s most enterprising graduates.

OUR MISSION

Changing lives and changing the world.

OUR VALUES AND ETHOS

- Student Centred
- Integrity
- Courage
- Innovation
- Excellence

ABOUT FLINDERS

Flinders University is a globally focused, locally engaged institution where a focus on our people and culture, engagement and impact drives world-class education and research.

Ranked among the top 2 per cent of the world's universities, Flinders offers our students the opportunity to learn at a university recognised for an innovative approach to visionary research and education. Our research is contributing to discoveries in biomedical and clinical sciences, culture and society, health and human behaviour, molecular science and technology, and water and the environment.

With 90 per cent of this research rated world-class or above by the Australian Government's Excellence in Research for Australia, our students know they are exposed to internationally renowned academic expertise while enjoying a challenging and inspiring student experience.

Ours is an innovative, creative and collaborative institution that works with government and industry partners to solve real-world problems.

Flinders has some 27,000 students enrolled in more than 150 undergraduate and almost 300 postgraduate courses, as well as higher degree research supervision across all disciplines. Nearly 5,000 International students from almost 100 countries make up 13 per cent of our on-campus population; 1,500 are enrolled in our numerous offshore programs.

Flinders is committed to equity and provides a range of special access schemes to encourage and support all students. Our focus on contemporary teaching is reflected in the many Flinders courses that provide students with best-practice technologies and teaching methods to suit their fields, lifestyles and study preferences. Virtual and digital technologies support face-to-face teaching and enable students to study when and how they prefer, whether they are full-time or part-time students, and whatever the demands of their professional and personal circumstances.

OUR CAMPUS

Flinders University's main campus is at Bedford Park in Adelaide's inner south. With a lake at its centre and spread across 165 hectares, its beautiful natural bushland setting features thousands of trees and an array of wildlife, while the elevated site offers panoramic views of the city and coast.

Our natural assets are complemented by an impressive new Student Hub and Plaza development at the very heart of the campus. The environmentally responsible building boasts the very latest in learning technologies, an array of study places, and vibrant social spaces. Outdoor features include a rooftop terrace, a 2000 seat amphitheatre and superscreen for outdoor cinema. On campus accommodation is available for 560 students.

Beyond our main campus Flinders boasts a specialist Computer Science, Engineering and Mathematics facility at nearby Tonsley, and our business-oriented presence on Victoria Square in the CBD. Our considerable footprint includes external teaching facilities in regional South Australia, south-west Victoria and the Northern Territory.

A COMMITMENT TO INNOVATION

Flinders University was opened by Her Majesty Queen Elizabeth, the late Queen Mother, on 25 March 1966, as the Bedford Park campus of the University of Adelaide.

Just 18 days earlier, however, the South Australian Parliament had passed legislation to create an independent institution. The state's second university officially came into being on 1 July 1966.

The Kurna people are the traditional owners of the land on which Flinders was established. Its namesake is the British navigator Matthew Flinders, who explored and surveyed the South Australian coast in 1802. The University's coat of arms includes an image of Flinders' ship HMS Investigator and an extract from his book *A Voyage to Terra Australis*.

In 1966 The University began with four schools, 90 staff and just over 400 students. Professor Peter Karmel was the inaugural Vice-Chancellor and Sir Mark Mitchell the first Chancellor.

Within a decade a significant decision was made to build the Flinders Medical Centre on land adjacent to the campus and locate the University's Medical School within – the first such integration in Australia.

In 1990 the University experienced a growth spurt with the addition of three new buildings – Law and Commerce, Engineering, and Information Science and Technology.

The following year Flinders merged with the adjacent Sturt campus of the former South Australian College of Advanced Education, and in 1992 a four-faculty, 14 school structure was adopted.

During the 1990s, Flinders expanded into the Northern Territory. In the 2000s, our footprint extended into rural South Australia and south-west Victoria.

In 2002, the Australian Science and Mathematics School was established at the foot of the Bedford Park campus, the first school in Australia to be fully integrated with a university.

New School of Education and Health Sciences buildings were completed in 2010, the same year as a state-of-the-art Science Innovation Learning Centre was opened as a dedicated first-year teaching facility for science and engineering students.

In 2015, the University's vision for a science and technology hub at Tonsley was realised when the \$120 million School of Computer Science, Engineering and Mathematics opened its doors. The site is also home to the Flinders New Venture Institute, the Medical Device Research Institute and the Centre for NanoScale Science and Technology, all of which are generating alliances and business opportunities with other education providers and national and global companies.

Flinders' commitment to student-centred growth continued in 2016 with the unveiling of a \$63 million Student Hub and Plaza at the heart of the Bedford Park campus. Drawing on the latest research into best educational practice, the Hub's intelligent design encourages collaborative learning and social interaction.

In 2017 Flinders implement a simplified six College model to encourage interdisciplinary research and teaching.

Looking forward, Flinders is set to benefit from an extension of the Tonsley rail line to the Bedford Park campus which will link the Flinders health and education precincts to the Tonsley campus and the city when construction is complete in early 2019.



Matthew Flinders maquette

LIVING IN ADELAIDE IS:

► EXCITING, AFFORDABLE, ENJOYABLE

The appeal of Adelaide has been a well-kept secret but it is now, according to Lonely Planet, officially one of the top ten cities in the world. As the authoritative travel guide put it: “Adelaide is effortlessly chic – and like a perfectly cellared red, it’s ready to be uncorked and sampled”.

Adelaide was the only Australian city to feature in Lonely Planet’s Best in Travel 2014 book, sharing its top ten accolade with the likes of Paris, Trinidad and Cape Town.

A cosmopolitan, modern and affordable city in which to live, work and study, Adelaide has all the hallmarks of a major urban centre with modern and classical architecture, a bustling retail hub and a multicultural population.

World class wine, gourmet food and natural attractions are all close at hand and the city offers entertainment and arts festivals that attract performers and visitors from across the globe.

With a Mediterranean climate that is conducive to exploring the natural environment and enjoying the finest foods and wines, Adelaide and South Australia offer unrivalled opportunities to achieve a highly satisfying work-life balance.

Adelaide is a significant university city with a well regarded reputation for sophisticated, international calibre education. The city is home to three Australian universities – Flinders, the University of Adelaide and the University of South Australia.

The city also hosts branches of Carnegie Mellon University, University College London, Torrens Institute and the Royal Institution of Australia – the only satellite of the Royal Institution of the UK.

Adelaide’s primary and secondary schools – both government and private – also boast a reputation for excellence and pastoral care. No longer a secret, Adelaide is a highly attractive city in which to live life to the fullest.



Adelaide city skyline at dusk

SELECTION OF CANDIDATES

Candidates will be evaluated on merit against all of the various components that make up this Position Description. Assessment will take into account all information that is determined to be appropriate, e.g. written application, qualifications, interview and referee reports. The final decision regarding appointment to this position will be based on an assessment of the requirements of the total Position Description.

INFORMATION FOR PROSPECTIVE APPLICANTS

For a confidential discussion, please contact College of Science & Engineering People & Culture Business Partner, Ann-Marie O'Connor on +61 (08) 8201 2606 or via email at CSE.pc@flinders.edu.au

Information about Flinders University can be found at: flinders.edu.au

Information about The College of Science and Engineering can be found at: flinders.edu.au/college-science-engineering

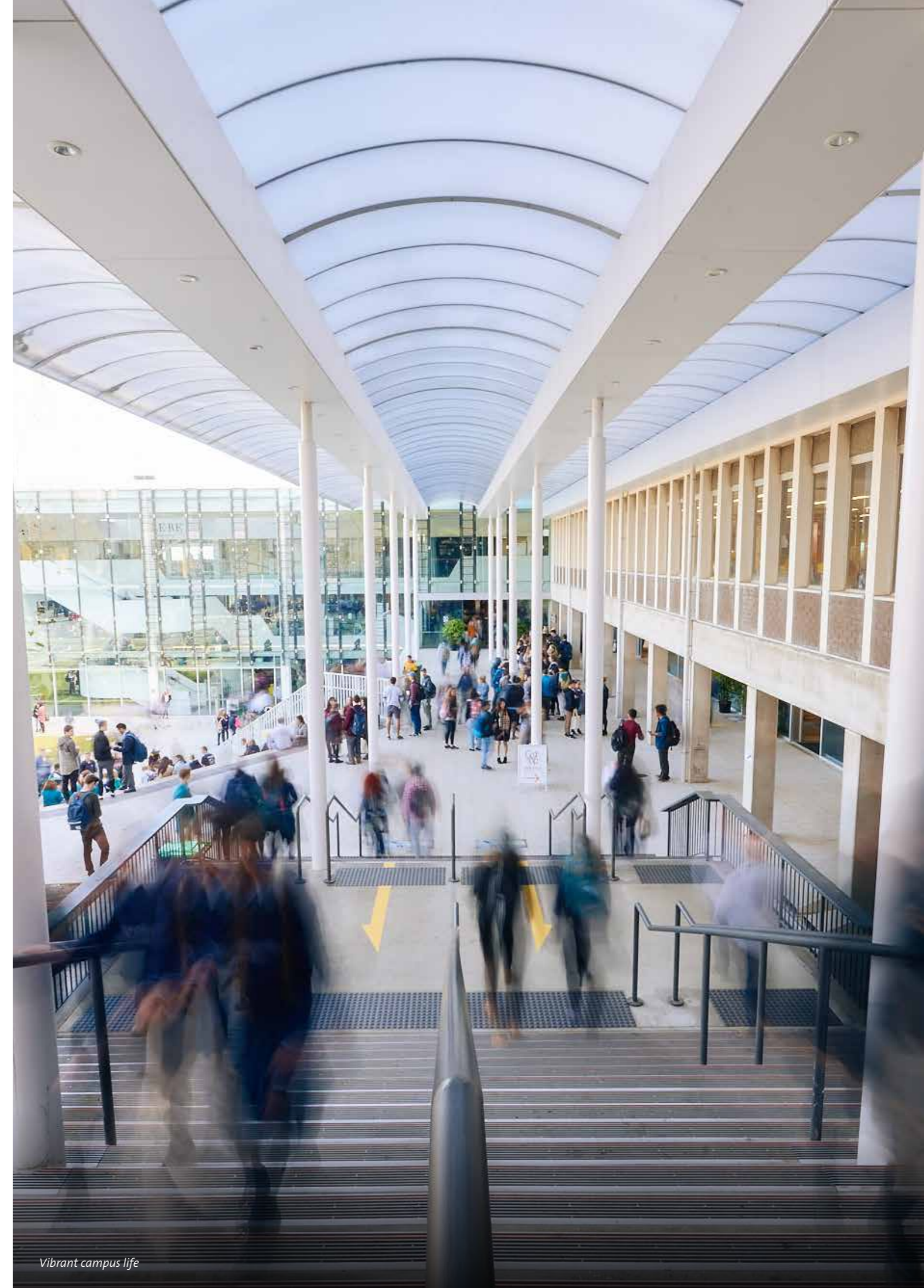
Additional information about South Australia can be found at: southaustralia.com

SUBMITTING AN APPLICATION

Applications should be lodged via jobs.flinders.edu.au.

Applications should consist of:

- A letter briefly describing why the position is of interest and what the candidate believes they can bring to the role
- A statement concisely and systematically addressing each of the selection criteria
- A full curriculum vitae detailing qualifications, full employment history and relevant achievements
- Names and contact details of at least three potential referees. These referees will not be contacted without the prior consent of the candidate.





Supplementary information can be found in:

Making a Difference - The 2025 Agenda
Annual Report 2015

flinders.edu.au
southaustralia.com



Flinders contributing to South Australia

CRICOS No. 00114A