



THE UNIVERSITY OF
MELBOURNE

Appointment of
Dean
Faculty of Science



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Old Geology Building



The University of Melbourne

Consistently ranked as Australia's best university, Melbourne enjoys an outstanding reputation as one of the world's leading comprehensive research-intensive universities.

Ranked number 32 in the latest Times Higher Education World University Rankings*, Melbourne competes on an international stage with the best institutions globally, and has an international outlook and reach to match.

With a rich history stretching over 160 years, the University of Melbourne also occupies a special place in the heart of the city. Since its founding in 1853, the University has been a public-spirited institution committed to making distinctive contributions to intellectual, cultural, social and economic life in the region and beyond. These values underpin the University's entire academic mission and shape operating practices, preparing engaged graduates and steering research that advances the world.

With a wide range of disciplines, the University of Melbourne currently educates over 60,000 students from over 130 countries. The University comprises ten faculties providing learning that stimulates, challenges and fulfils the potential of excellent students from around the world, leading to personal development, meaningful careers and profound contributions to society.

The alumni network is significant and truly international, with representation from 160 countries. This international community includes former Prime Ministers, Governors General, and Nobel Laureates, and is testament to the world-class education the University of Melbourne delivers.

The University employs approximately 8,000 staff including many renowned researchers and industry leaders who are internationally recognised. Some of our scholars and high achieving staff include Nobel Prize Laureate Professor Peter Doherty AC, who co-discovered how the immune system recognises virus infected cells; Professor Andrew Holmes AC, immediate past President of the Australian Academy of Science, who received the 2012 Royal Medal for his groundbreaking research in polymer chemistry; and Ian Potter Chair of Zoology, Professor Marilyn Renfree AO, who received the 2015 Eureka Prize for Outstanding Mentor of Young Researchers, and the 2019 Carl G. Hartmann Award from the Society for the Study of Reproduction for her pioneering research into mammalian reproduction.

The University of Melbourne operates an annual budget exceeding \$2 billion, with income from research grants, student fees, government grants, commercial operations, executive education, investment and philanthropy. The increased demand for teaching programs, and the University's focus on sustainability and resilience, have allowed savings to be reinvested into strategic teaching and research-related initiatives.

* Times Higher Education World University Rankings 2019

The University at a Glance

Global rankings



#1
in Australia



#32
in the world



#6
in graduate employability
worldwide

Times Higher Education World University Rankings 2019/QS Graduate Employability 2019

9000+ staff (FTE)



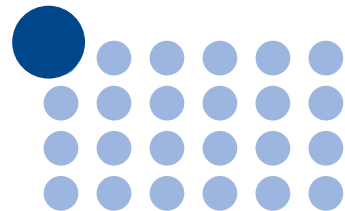
140+ Indigenous staff
and an internationally
recognised professoriate

33 highly cited researchers



**Most of any
Australian
university**

Elevate status

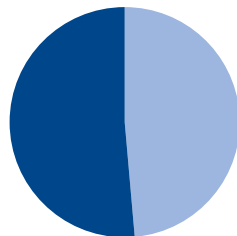


One of only 25 organisations
of more than 1100+ nation-
wide with an 'Elevate' RAP

72 000+ students

**In 2018, approximately
2,400 students enrolled
in 51 subjects with a
dedicated Indigenous focus**

51% u/grad



49% grad

**29 000+
international
students**

**400+
Indigenous
students,
including 50+
in Research
Higher Degrees**

Research income



\$460 M

Grants

\$137 M

**in NHMRC, ARC
and MRFF grants**

\$100+ M

**research grant allocation
on Indigenous-related topics
(has exceeded \$100 million
over the last 7 years)**



Faculty of Science

Through the quality of our research and teaching, the Faculty of Science (the Faculty) enjoys a strong reputation, both nationally and internationally.

The Faculty is a thriving, passionate and internationally networked community with a history of leadership in research, innovation, teaching and learning. With deep roots, the Faculty was formally constituted in 1903. It is now one of the University's largest faculties with more than 9,700 undergraduate students, 2,200 graduate students, 900 staff and an annual budget in the order of \$290 million.

The Faculty is made up of seven Schools: BioSciences, Chemistry, Earth Sciences, Ecosystem & Forest Sciences, Geography, Mathematics & Statistics, and Physics. The Faculty also has custodial responsibility for the Australian Mathematical Sciences Institute, the Bio21 Molecular Science & Biotechnology Institute, Melbourne Energy Institute and the Office for Environmental Programs. The Faculty leads three Australian Research Council Centres of Excellence and is a node on a further seven.

The Faculty and University are currently embarking on a major infrastructure program for both teaching and research in science. Our flagship project is the STEMM hub and life sciences research facility being developed for the site of the current Union House, which sits between the Faculty's biological and physical sciences precincts.

Science Gallery Melbourne is a bold new addition to the city of Melbourne, exploring the collision of art and science, and playing a vital role in shifting our understanding of science, art and innovation. Part of the acclaimed Global Science Gallery Network, the Gallery's new permanent space in the Melbourne Connect Innovation Precinct is due to open in late 2020.

As Australia's leading science teaching and research entity, the Faculty is committed to building a world-class research environment supporting a diverse community of exceptional academics, students and professional staff who are making a genuine contribution to the discovery of new knowledge and the delivery of world-class science programs.

The Faculty of Science is one of the University's largest faculties occupying 50,400 square metres in 64 buildings across three campuses.

For more information on the Faculty please see www.science.unimelb.edu.au

Position Description & Selection Criteria

Position No.	0007012
Classification	Senior Executive
Salary	Attractive remuneration package by negotiation Salary packaging options available
Working Hours	Full-time
Basis of Employment	The Deanship is available for a period of five years in the first instance with the possibility of renewal for a further term of up to five years. The successful applicant will simultaneously be offered an appropriate continuing appointment in his or her discipline and will retain that position at the conclusion of the Deanship.
Other Benefits	http://about.unimelb.edu.au/careers/working/benefits

Faculty of Science

Science has made important contributions to teaching and research at the University ever since it was founded in 1854. The research degree of DSc was available from the very beginning. The first BSc was conferred in 1889 and the first MSc in 1893. In 1903 the various science departments and schools were formally constituted as a Faculty. The Faculty of Science (the Faculty) now has over 50,000 alumni and is one of the largest faculties in the University.

A thriving, passionate and internationally networked community the Faculty has a history of leadership in research, innovation, teaching and learning. It manages more than \$290 million of income per annum, with a staff base in the order of 290 professional staff, and more than 630 academic staff, 53% of whom are research only.

The Faculty offers a range of undergraduate, honours, graduate and research degrees; enrolling over 11,500 undergraduate and graduate students. The Faculty is the custodial Faculty for the BSc (Bachelor of Science) with enrolments of approximately 9,700 undergraduate students.

A leader in research, the Faculty contributes approximately \$80 million in HERDC income per annum and is highly research focused, performing strongly in the ARC competitive grants schemes, often out-performing the national average. The Faculty is currently growing its competitiveness and standing in the NHMRC space.

There are seven schools within the Faculty: BioSciences, Chemistry, Earth Sciences, Ecosystem and Forest Sciences, Geography, Mathematics and Statistics, and Physics.

The Faculty is custodian of the Bio21 Molecular Science and Biotechnology Institute, the Office for Environmental Programs and the Australian Mathematical Sciences Institute and is home to numerous Centres of Excellence.

The Faculty is embarking on major infrastructure planning for teaching and research. Science, Technology, Engineering, Maths and Medicine (STEMM) disciplines are widely acknowledged as vital to future prosperity. While each of these fields has made an extraordinary individual contribution, it is increasingly clear that a new paradigm of convergence (strategic cross-disciplinary collaboration between the life sciences, physical sciences and engineering) is poised to yield the most innovative future solutions to societal problems, from health care to energy, food, climate and water.

The University's vision is to create the conditions under which convergent thinking can flourish in the domain of research and be an integral part of the student learning experience. To enable this, the University proposes to develop a first year STEMM teaching precinct and life sciences research hub at its Parkville campus that will:

- Position the University at the leading edge of the 'convergence revolution'
- Transform the learning experience of STEMM students, particularly the first-year undergraduate cohort
- Enable the STEMM Faculties (Faculty of Science, Faculty of Medicine, Dentistry & Health Sciences, Faculty of Veterinary and Agriculture Sciences and Melbourne School of Engineering) to achieve critical mass in research FTE and further growth in student load, while maintaining quality
- Create a platform for greater collaboration, new opportunities and efficiencies in teaching and research between the STEMM faculties.

The proposed infrastructure solution to achieve the above is a facility that will provide a large set of 'first year STEMM teaching' spaces and bring together life sciences research in the one hub.

Additionally, as a part of the Global Science Gallery Network and embedded at the University, Science Gallery Melbourne in the University's Innovation Precinct - Melbourne Connect, will be a dynamic new model for engaging 15-25 year olds with science.

The Faculty of Science provides community services and industry partnerships based on a solid foundation of research in the pure and applied sciences. The Faculty has an endowment of approximately \$50 million. The annual income from the endowment supports more than 120 prizes, scholarships and research awards.

Position Summary

The successful applicant will be a distinguished scholar with a proven record as a successful academic leader and manager. She or he must provide strong leadership and advocacy across the full range of the Faculty's disciplinary areas in the life, mathematical and physical sciences. The Dean will be responsible for developing strategic and operational plans to lead the Faculty of Science. The Dean is expected to have wide scholarly recognition in his or her field, both nationally and internationally.

The Dean will be responsible for the academic, research and resource management of the Faculty, and plays a major role in University leadership as a member of the University Executive. The appointment will be for a term of five years.

1. Key Responsibilities

- Providing vision and leadership in the strategic development of the Faculty and in the implementation of its initiatives
- Contributing to the leadership of the University through membership of the University Executive, through promoting the interests of the Faculty within the University, and through contributing to the on-going success of the University
- Leading a vibrant Faculty governance structure to support the strategic and academic planning functions of the Faculty
- Ensuring the Faculty's financial security through effective and efficient management of its resources
- Leading and fostering excellence and innovation in teaching and learning, and in research and research training within the Faculty through demonstrating an understanding and enthusiasm for the wide range of disciplines within the Faculty and demonstrated ability to encourage collaboration across disciplines
- Maintaining and fostering a collegial atmosphere and encouraging effective and dynamic working relationships among Faculty staff
- Identifying and pursuing strategic opportunities for the Faculty nationally and internationally, including for research linkages
- Representing and promoting the Faculty and the University locally, nationally and internationally and playing a critical role in advocating for the life, mathematical and physical sciences
- Maintaining and extending the Faculty's active network of international and external relationships, including those with alumni, government, universities, industry and the community
- Seeking and securing additional funding to support the Faculty's development particularly through philanthropic support
- Implementing quality assurance processes in relation to both teaching and research
- Ensuring that University policies and procedures and legislative requirements are implemented across the Faculty, including those relating to Environmental Health and Safety, Occupational Health and Safety, anti-discrimination and equal opportunity (OH&S responsibilities are outlined in section 4).

2. Selection Criteria

2.1 Essential

Scholarly Achievement

- An appointment at professorial level or equivalent in a world-class university or research organisation
- An internationally recognised record of research and teaching achievements in a relevant field in the life, mathematical and physical sciences.

Leadership

Demonstrated ability to lead a complex organisation including:

- developing and implementing strategy, driving change, and inspiring commitment to achieving results
- experience with financial planning and management in a university context
- attracting, engaging, developing and aligning academic and non-academic teams in a way that is responsive and receptive to new ideas
- managing people within an academic environment with a focus on improved performance, fostering a collegial culture and a commitment to the well-being of staff

Teaching and Research Leadership

- A strong commitment to the importance of teaching at all levels and to innovation in curriculum design and teaching methods
- A strong commitment to the importance of world-class research and a good understanding of how to support and sustain researchers at each stage of their career

Building Relationships/Engagement

- A strong understanding of the national and international landscape, particularly in the Asia Pacific and trends in research, teaching and engagement and a capacity to work with Asian partners
- Demonstrated ability to work collaboratively and effectively with diverse stakeholders across the Faculty, the University and outside the University (industry, alumni, government, donors, professional organisations, locally and internationally)
- An understanding of the Higher Education sector in Australia and internationally, including a sound knowledge of trends in management of contemporary universities in a rapidly changing environment

2.2 Desirable

- Experience in securing and managing philanthropic gifts and building strong relationships with prospective donors, alumni and volunteer boards.
- Working knowledge of Occupational Health and Safety, as well as Equity and Diversity principles as they apply in the Higher Education Sector.



Living and Working in Melbourne

Your City

Melbourne has become one of the world's most multicultural cities and a dynamic international business hub, but it's still easy to navigate.

The inner city is a cluster of exciting communities connected by public transport and bike paths – and the University of Melbourne is at the heart of it all. You can spend time in the famous cobblestone lanes, or at world-class theatre productions – and if you don't yet have an Australian Football League (AFL) team, you might want to choose one!

Regional Victoria is world famous for its iconic beaches, wineries, bushwalking and farm-to-table food and is just a short train or bus ride away.

Your Campus

The University of Melbourne has been a central part of the city of Melbourne from its earliest days. It's hard to say where the central business district stops, and the University begins. When you join Melbourne, you'll also be joining a vibrant medical precinct, a worldfamous artistic community, a thriving start-up network, and urban and rural researchers who'll be feeding the world into the future.

Which Melbourne will be yours?.

Parkville

Our **Parkville** campus is a city within a city – it even has its own postcode. With cafes, 12 libraries, gyms, specialty stores, a small supermarket – even a seasonal farmers' market – spread across a mix of historic sandstone buildings and state-of-the-art facilities, you'll never have to leave. The Parkville campus is situated within a renowned knowledge precinct, which includes eight hospitals, many leading research institutes and a wide range of knowledgebased industries.

Southbank

At our **Southbank** campus, among the city's lively creative arts precinct, you'll find the University's acclaimed Faculty of Fine Arts and Music. Southbank campus is purpose-built for the creative arts, and features sound and dance stages, animation studios, cinemas and visual arts studios. It sits alongside the National Gallery of Victoria, Melbourne Theatre Company, Melbourne Recital Centre, the Australian Ballet, Chunky Move dance company, the Arts Centre and the Australian Centre for Contemporary Art.

Specialist campuses In Melbourne and Regional Victoria

The University is a key partner in Australia's industries. At our specialist campuses across Victoria, we collaborate with others to solve rural health issues and the big ecological challenges facing us today.



In the city's west, the **Werribee** campus boasts some of the world's most advanced veterinary facilities at the University's Animal Hospital.

Our **Burnley** campus is dedicated to environmental and ornamental horticulture, with nine hectares of heritage-listed gardens.

In **Creswick** you'll find Australia's only dedicated forest ecosystem science campus, focusing on conservation, forest industry and molecular biology research.

The **Dookie** campus has played a pivotal role in the development of agriculture and agricultural teaching and learning in Australia since 1886. It remains a focal point for key research, teaching and technology development, helping to shape the future of agriculture in Australia.

The **Shepparton** Medical Centre campus specialises in rural health and clinical education.

New Developments

Melbourne Connect

Melbourne Connect is a major new purpose-built innovation precinct. Melbourne Connect brings together the creativity, cross-disciplinary expertise and talent of the University of

Melbourne research community and its diverse partners to help drive innovation.

Through the connection of multiple players in the innovation system, Melbourne Connect will generate economic, environmental and social benefits.

Melbourne Connect will be located on the former Royal Women's Hospital site in Carlton. Plans for the project were initially revealed in November last year, and construction is now underway, with completion expected in late 2020.

Fishermans Bend

The University of Melbourne has purchased 7.2 hectares at Fishermans Bend to build a new campus for engineering and design.

Set to open in 2024, the campus will be a vibrant place of large-scale research and project-based learning, creating new opportunities for cross-disciplinary collaboration and partnerships with industry.

Just 5 kilometres from the CBD, located in the heart of the Employment Precinct, industrial-scale facilities will expand the practical capabilities of the Melbourne School of Engineering and the Faculty of Architecture Building and Planning.



People and Benefits

The University is committed to providing an intellectually stimulating and personally rewarding workplace which attracts people who are the best in their professional, academic and teaching fields.

Outstanding academic staff are at the heart of the University's teaching, research and engagement endeavours. The University is proud of its many staff that have been recognised through prestigious national and international awards and through membership of Australia's learned academics. Among the many scholars of international renown at the University is the winner of the Nobel Prize – Professor Peter Doherty (Physiology and Medicine) and many other public intellectuals and scientific leaders.

The Benefits

The University offers staff more than just a job – it offers them an opportunity to be part of a dynamic world class organisation which provides its staff with exceptional benefits and support at every stage of their life and career.

- Working in a culturally inclusive environment
- Engaging in an active and vibrant campus life
- A focus on health and wellbeing
- Outstanding staff benefits in addition to competitive salary packages

Staff benefits on offer at the University include the opportunity to salary package everything from childcare and additional superannuation to subscriptions to the Melbourne Theatre Company. Benefits can be tailored to best suit individual needs and circumstances, including generous relocation support. Course fees can also be salary packaged and come at a 25% discount for staff and their immediate families. Unsurprisingly, the University has high numbers of women returning to work. It was one of the first winners of the Fair and Flexible Employer Recognition award.



Further information and website addresses

General information about the University of Melbourne is available through its website at www.unimelb.edu.au

About the University of Melbourne
about.unimelb.edu.au

2018 Annual Report
about.unimelb.edu.au/__data/assets/pdf_file/0030/89544/2018-Annual-Report.pdf

Faculty of Science
science.unimelb.edu.au

Research
University of Melbourne research strategy and implementation
research.unimelb.edu.au

Teaching
Teaching and Learning at the University of Melbourne
provost.unimelb.edu.au

Engagement
University of Melbourne Engagement strategy
about.unimelb.edu.au/strategy-and-leadership/engagement

Engagement strategy - About Us
about.unimelb.edu.au



THE UNIVERSITY OF
MELBOURNE

Enquiries

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The Council reserves the right to fill the position by invitation at any time.