POSITION DESCRIPTION

THE UNIVERSITY OF MELBOURNE

School of BioSciences
Faculty of Science

Adrienne Clarke Chair of Botany

POSITION NO	0043099
CLASSIFICATION	Professor (Level E)
SALARY	$187,654
SUPERANNUATION	Employer contribution of 17%
WORKING HOURS	Full-time
BASIS OF EMPLOYMENT	Continuing
OTHER BENEFITS	http://about.unimelb.edu.au/careers/working/benefits
HOW TO APPLY	Online applications are preferred. Go to http://about.unimelb.edu.au/careers, select the relevant option ('Current Staff' or 'Prospective Staff'), then find the position by title or number.
CONTACT FOR ENQUIRIES ONLY	Professor Ute Roessner Tel +61 3 9035 3635 Email u.roessner@unimelb.edu.au *Please do not send your application to this contact*

For information about working for the University of Melbourne, visit our website:
about.unimelb.edu.au/careers

Position Summary

The School of BioSciences at The University of Melbourne seeks a Professorial appointee in the area of plant science for the Adrienne Clarke Chair of Botany. The Chair honours distinguished plant scientist Laureate Professor Adrienne Clarke AC FAA FTSE and is supported by a University Trust established with funds from The University of Melbourne Botany Foundation. The appointee will be an internationally outstanding plant scientist who will provide academic leadership and contribute to the School's strategic mission and governance. The appointee will have an excellent track record in attracting competitive and industry funding for basic and applied research. The Chair is expected to have a large international research network and be an outstanding scientist in their area of research. They should have demonstrated experiences in teaching and learning and will contribute to teaching at both undergraduate and postgraduate level.

The School of BioSciences, Faculty of Science and the University of Melbourne's strategy for Diversity and Inclusion aims to increase the representation of women in our academic workforce. Pursuant to a special measure under Section 12 (1) of the Equal Opportunity Act 2010 (Vic), the School, therefore, strongly encourages applications from suitably qualified female candidates. Additionally, we welcome applications from individuals seeking flexible work arrangements.

Process:

Interviews are estimated to be held in Melbourne in June/July 2019. The incumbent is expected to commence the position between October 2019 and July 2020.

The application will require submission of the following documents:

1. Cover letter
2. Motivation statement (1 page)
3. CV
4. Publication list
5. Research strategy (2 pages)
6. Teaching philosophy (1 page)

1. Key Responsibilities

1.1 RESEARCH AND RESEARCH TRAINING

- Contribute to the advancement of plant science as evidenced by playing a leading role in all elements of major research projects including management and leadership.
- Develop a research program with potential for translation and adaptation.
- Produce high-impact publications arising from scholarship and research in peer reviewed journals.
- Be involved in professional activities, especially with Government and/or other relevant research partners, including membership of editorial boards, attendance and keynote presentations at conferences and seminars in the field of expertise.
- Attract and actively supervise high quality postgraduate and research students.
- Prepare research proposal submissions to external funding bodies for competitive and industry-based funding.
- Provide leadership in developing external research networks.
- Develop and drive multidisciplinary and collaborative initiatives at School, Faculty and University levels

1.2 TEACHING

- Demonstrate strong teaching practice in plant science as evidenced by teaching in a range of different settings (1st year to postgraduate, large and small group, different learning environments).
- Lead innovation in the development of curricula, teaching resources and teaching approaches, such as e-learning where appropriate.
- Ensure consistently strong teaching evaluations and other evidence of positive student feedback and peer review.
- Providing leadership in the management of undergraduate and graduate course offerings in the School of BioSciences.

1.3 LEADERSHIP

- Provide a significant leadership role in research and teaching as evidenced by leadership in introduction of new approaches to your area of expertise at School, Faculty and institutional level.
- Be responsible for playing a leading role in mentoring and supporting the development of Early Career Researchers within the budget unit and more broadly in the University.
- Supervise teaching and research support and administrative staff, including conducting Performance Development reviews.
- Develop policy and take responsibility for administrative matters within the School, Faculty and/or University.
- Participation in School and/or Faculty meetings and/or the committees that have responsibility for the academic affairs of the School.
- Effectively liaise with external networks to foster collaboration and sharing of ideas.

1.4 ENGAGEMENT

- Provide significant contribution for driving new engagement initiatives or leading existing initiatives by presenting research to the public to elevate public awareness of educational and scientific developments, and promote critical enquiry and public debate within the community; this could include invited opinion pieces in media.
- Support the activities of the University of Melbourne Botany Foundation.
- Engage in outreach activities to ensure school students exposure to broader perspectives, values, and opportunities.
- Seek membership of senior advisory groups to government.
- Obtain recognition by national or international professional bodies (awards, fellowships, honorary memberships etc.).

1.5 PROFESSIONAL PRACTICE

- Undertake leadership of professional bodies.
- Contribute to the review and development of national and international professional practice standards.
- Seek membership of peak bodies and committees advising government on professional practice standards.
- Comply with Occupational Health and Safety (OH&S) and Environmental Health and Safety (EH&S) responsibilities as outlined in section 4.

2. Selection Criteria

2.1 ESSENTIAL

- A research doctorate or equivalent.
- A distinguished international track record of scholarly research and high-impact publication output in plant science (genomics, physiology, biochemistry, functional, genetics).
- Recognition as a leading authority with an international reputation.
- Strong commitment to advancing the discipline of plant science.
- An outstanding track record of success in obtaining national and/or international competitive research grants, and/or industry funding, and directing research programs.
- Excellent communication and negotiation skills.
- Commitment to excellence in, and demonstrated capacity in leadership and innovation in, undergraduate and postgraduate teaching in plant science.
- An excellent record in attracting and providing supervision to completion of graduate research students.
- Excellent communication and interpersonal skills with proven ability to exercise initiative and negotiate positive outcomes.
- Demonstrated ability to foster linkages with other areas of biosciences, other disciplines, industry and the community.

3. Equal Opportunity, Diversity and Inclusion

The University is an equal opportunity employer and is committed to providing a workplace free from all forms of unlawful discrimination, harassment, bullying, vilification and victimisation. The University makes decisions on employment, promotion and reward on the basis of merit.

The University is committed to all aspects of equal opportunity, diversity and inclusion in the workplace and to providing all staff, students, contractors, honorary appointees, volunteers and visitors with a safe, respectful and rewarding environment free from all forms of unlawful discrimination, harassment, vilification and victimisation. This commitment is set out in the University's People Strategy 2015-2020 and policies that address diversity and inclusion, equal employment opportunity, discrimination, sexual harassment, bullying and appropriate workplace behaviour. All staff are required to comply with all University policies.

The University values diversity because we recognise that the differences in our people's age, race, ethnicity, culture, gender, nationality, sexual orientation, physical ability and background bring richness to our work environment. Consequently, the People Strategy sets out the strategic aim to drive diversity and inclusion across the University to create an environment where the compounding benefits of a diverse workforce are recognised as vital in our continuous deserve to service for excellence and reach the targets of Growing Esteem.

4. Occupational Health and Safety (OHS)

All staff are required to take reasonable care for their own health and safety and that of other personnel who may be affected by their conduct.

OHS responsibilities applicable to positions are published at:

http://safety.unimelb.edu.au/topics/responsibilities/

These include general staff responsibilities and those additional responsibilities that apply for Managers and Supervisors and other Personnel.

5. Other Information

5.1 SCHOOL OF BIOSCIENCES

http://biosciences.unimelb.edu.au

The School of BioSciences at the Faculty of Science was formed in 2015 through the amalgamation of the School of Botany and the Departments of Genetics and Zoology thus bringing together a critical mass of 160 Academic staff and 240 Research Higher Degree students undertaking world class teaching and research in the biological sciences. Academics within the School are aligned to two research domains: Ecology and Evolution Biology and Molecular, Cellular and Developmental Biology. Through cross-disciplinary collaborations within the School and with external partners the School is a major recipient of grant and contract funding.

The School hosts a large plant science group with research interests in cell biology, cell wall biochemistry, abiotic and biotic stress genetics and physiology, root biology, plant

nutrition, plant ecology and taxonomy. The group has strong collaborative links with plant scientists at the School of Ecosystems and Forestry Sciences (Faculty of Science) and the School of Agriculture and Food (Faculty of Veterinary and Agricultural Sciences).

The University of Melbourne Botany Foundation was established in 1994 (in the then School of Botany), following approval by The University Council of an appeal to create a fund for the encouragement and promotion of excellence in education, study, teaching and research in botany. Following amalgamation of the School of Botany with the Departments of Genetics and Zoology, the Foundation continues to support the discipline of botany within the new School of BioSciences.

The School is a major contributor to the Bachelor of Science, Bachelor of Biomedical Science and the Environmental Science programs, its teaching program reflecting the research interests within the School.

5.2 FACULTY OF SCIENCE

http://www.science.unimelb.edu.au

Science at the University of Melbourne is the most highly ranked Faculty of Science in Australia*. Science is defined by its research excellence in the physical and life sciences and is at the forefront of research addressing major societal issues from climate change to disease. Our discoveries help build an understanding of the world around us.

We have over 150 years of experience in pioneering scientific thinking and analysis, leading to outstanding teaching and learning and offer a curriculum based on highly relevant research, which empowers our STEM students and graduates to understand and address complexities that impact real world issues and the challenges of tomorrow.

We aspire to engage the broader community with the impact that Science has on our everyday lives. Through the strength of our internships and research project offerings, our students are provided opportunities to engage with industry partners to solve real-world issues.

The Faculty of Science has over 53,000 alumni and is one of the largest faculties in the University comprising seven schools: 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, Office for Environmental Programs and home to numerous Centres.

Science manages more than $315 million of income per annum, with a staff base in the order of 290 professional staff, and more than 630 academic staff.

We offer a range of undergraduate, honours, graduate and research degrees; enrolling over 9,700 undergraduate and 2,400 graduate students. The Faculty of Science is the custodial Faculty for the BSc (Bachelor of Science). The Faculty of Science is a leader in research, contributing approximately $80 million in HERDC income per annum. The Faculty of Science is highly research focused, performing strongly in the ARC competitive grants schemes, often out-performing the national average. The Faculty of Science is currently growing its competitiveness and standing in the NHMRC space.

*Based on 2018-19 subject rankings by QS and Time Higher Education

5.3 THE UNIVERSITY OF MELBOURNE

Established in 1853, the University of Melbourne is a leading international university with a tradition of excellence in teaching and research. The main campus in Parkville is recognised as the hub of Australia's premier knowledge precinct comprising eight hospitals, many leading research institutes and a wide-range of knowledge-based industries. With outstanding performance in international rankings, the University is at the forefront of higher education in the Asia-Pacific region and the world.

The University employs people of outstanding calibre and offers a unique environment where staff are valued and rewarded.

Further information about working at The University of Melbourne is available at http://about.unimelb.edu.au/careers.

5.4 GROWING ESTEEM, THE MELBOURNE CURRICULUM AND RESEARCH AT MELBOURNE: ENSURING EXCELLENCE AND IMPACT TO 2025

Growing Esteem describes Melbourne's strategy to achieve its aspiration to be a public-spirited and internationally-engaged institution, highly regarded for making distinctive contributions to society in research and research training, learning and teaching, and engagement. http://about.unimelb.edu.au/strategy-and-leadership

The University is at the forefront of Australia's changing higher education system and offers a distinctive model of education known collectively as the Melbourne Curriculum. The new educational model, designed for an outstanding experience for all students, is based on six broad undergraduate programs followed by a graduate professional degree, research higher degree or entry directly into employment. The emphasis on academic breadth as well as disciplinary depth in the new degrees ensures that graduates will have the capacity to succeed in a world where knowledge boundaries are shifting and reforming to create new frontiers and challenges. In moving to the new model, the University is also aligning itself with the best of emerging European and Asian practice and well-established North American traditions.

The University's global aspirations seek to make significant contributions to major social, economic and environmental challenges. Accordingly, the University's research strategy *Research at Melbourne: Ensuring Excellence and Impact to 2025* aspires to a significant advancement in the excellence and impact of its research outputs. http://research.unimelb.edu.au/our-research/research-at-melbourne

The strategy recognises that as a public-spirited, research-intensive institution of the future, the University must strive to make a tangible impact in Australia and the world, working across disciplinary and sectoral boundaries and building deeper and more substantive engagement with industry, collaborators and partners. While cultivating the fundamental enabling disciplines through investigator-driven research, the University has adopted three grand challenges aspiring to solve some of the most difficult problems facing our world in the next century. These Grand Challenges include:

- Understanding our place and purpose – The place and purpose grand challenge centres on understanding all aspects of our national identity, with a focus on Australia's 'place' in the Asia-Pacific region and the world, and on our 'purpose' or mission to improve all dimensions of the human condition through our research.
- Fostering health and wellbeing – The health and wellbeing grand challenge focuses on building the scale and breadth of our capabilities in population and global health;

on harnessing our contribution to the 'convergence revolution' of biomedical and health research, bringing together the life sciences, engineering and the physical sciences; and on addressing the physical, mental and social aspects of wellbeing by looking beyond the traditional boundaries of biomedicine.

- Supporting sustainability and resilience – The sustainability and resilience grand challenge addresses the critical issues of climate change, water and food security, sustainable energy and designing resilient cities and regions. In addition to the technical aspects, this grand challenge considers the physical and social functioning of cities, connecting physical phenomena with lessons from our past, and the implications of the technical solutions for economies, living patterns and behaviours.

Essential to tackling these challenges, an outstanding faculty, high performing students, wide collaboration including internationally and deep partnerships with external parties form central components of Research at Melbourne: Ensuring Excellence and Impact to 2025.

5.5 GOVERNANCE

The Vice Chancellor is the Chief Executive Officer of the University and responsible to Council for the good management of the University.

Comprehensive information about the University of Melbourne and its governance structure is available at http://www.unimelb.edu.au/governance