POSITION DESCRIPTION

The University of Melbourne 
(logo)

Department of Microbiology and Immunology  
School of Biomedical Sciences

Faculty of Medicine, Dentistry and Health Sciences

Senior Research Fellow (Centre for Pathogen Genomics)

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| Position No | 0056192 |
| Classification | Level C |
| Salary | $128,903 - $148,630 p.a. |
| Superannuation | Employer contribution of 17% |
| WORKING HOURS | Full time (1.0 FTE) |
| BASIS OF EMPLOYMENT | Fixed-term for 3 years |
| Other Benefits | <http://about.unimelb.edu.au/careers/working/benefits> |
| How to Apply | N/A |
| contact For enquiries only | Professor Ben Howden Email bhowden[@unimelb.edu.au](mailto:jason.mackenzie@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

An enthusiastic and ambitious senior research scientist is sought for the Centre for Pathogen Genomics at the University of Melbourne.

The Centre for Pathogen Genomics supports cohesive pathogen genomics programs to build new collaborative opportunities across translational research, enhanced genomics-informed regional surveillance for infectious diseases, capacity building and training. It is an academic and training centre that is driven by the use pathogen genomics for research and public health. The centre is underpinned by a portfolio of world-leading experts across the University and national and international partners in pathogen genomics, public health and surveillance, bioinformatics, research, and capacity building/training.

This position sits at the nexus of translational research and public health in pathogen genomics. The successful applicant will demonstrate expertise in the coordination and designing of world-leading multinational research programs with Centre for Pathogen Genomics partners (national and international). The successful applicant will have extensive experience in the development of translational research programs, public health pathogen genomics, and a deep understanding of public health issues with respect to microbial pathogens. This successful applicant will be responsible for designing and implementing research programs, applying for competitive funding and contributing to the successful completion of research activities of the Centre. The successful applicant will be expected to collaborate within the Department of Microbiology and Immunology, the Doherty Institute, and with international partners to deliver on the key objectives and activities of the Centre.

The School of Biomedical Sciences and its Departments foster a values-based culture of innovation and creativity to enhance the research performance of the University and to achieve excellence in teaching and research outcomes.

We invest in developing the careers and wellbeing of our students and staff and expect all our leaders to live our values of:

• Collaboration and teamwork

• Compassion

• Respect

• Integrity

• Accountability

# Key Responsibilities

## research and research training

* Lead the design and promotion of international multi-partner translational research projects of the Centre
* Lead the preparation of large-scale, multi-partner research funding proposals in pathogen genomics
* Significantly contribute to research projects including leadership of research teams or management of projects, leading to publications in peer reviewed journals.
* Produce quality conference and seminar papers and publications
* Lead liaison with diverse organisations, funding bodies, multi-disciplinary professionals to support the programs of work of the Centre.
* Participate in research independently and as a member of a research team, as required.

## SErvice and Leadership

* Actively participate in the Management and Coordination Group, under the leadership of the Co-Leads and in collaboration with the Program Support Team.
* Actively contribute to the development and consultation of strategic plans.
* Actively participate at Centre, School and/or Faculty meetings and play a major role in planning and management of Centre activities
* Actively participate in key aspects of engagement within and beyond the University with Centre partners, nationally and internationally.
* Significantly contribute to developing connections within new and existing networks.
* Effective stakeholder management and coordination across partners of the Centre.
* Participate in community and professional activities related to the Centre including attendance and presentations at policy and research meetings, conferences and seminars
* Effective demonstration and promotion of University of Melbourne values including diversity and inclusion and high standards of ethics and integrity
* Undertake other duties as requested by the Centre Leads
* Undertake Occupational Health and Safety (OH&S) and Environmental Health and Safety (EH&S) responsibilities as outlined in Section 4 and take responsibility for routine reviews of laboratory practices.

## teaching and learning

* Contribute to teaching, training, scientific mentoring and supervision of internal and external scientists and students and new laboratory staff as required
* Supervise junior research staff as needed.

# Selection Criteria

## Essential

* A PhD or equivalent professional qualification with a major in Microbiology or a related discipline
* Pathogen genomics skills including bioinformatics and microbiology
* Evidence of significant contribution to independent and team-based research in microbiology
* Significant research profile at a national level as evidenced by:
  + 1. Demonstrated success in obtaining research funding
    2. Strong, independent and original publication record in high-impact, peer-reviewed journals
* Strong interpersonal and communication skills, with an ability to build and maintain relationships with key stakeholders (internal and external) and work collaboratively
* Experience working in international public health implementation and/or research programs.

## Desirable

* Demonstrated leadership in research, including research training and supervision and demonstrable success in leading research teams
* Sustained success in acquisition of competitive research funding from independent government and/or commercial sources
* Demonstrated leadership in research including research training and supervision
* Well-connected with the global pathogen genomics community.

## Special Requirements

* Ability to frequently travel internationally as needed.

# 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.

# 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.

# Other Information

## DePartment of Microbiology & Immunology

The Department of Microbiology & Immunology is one of the departments within the School of Biomedical Sciences in the Faculty of Medicine, Dentistry and Health Sciences. Further information is available at <http://www.microbiol.unimelb.edu.au/> and <http://bsac.unimelb.edu.au/>.

## THE PETER DOHERTY INSTITUTE FOR INFECTION AND IMMUNITY

The Doherty Institute is a world-class institute combining research in infectious disease and immunity with teaching excellence, reference laboratory diagnostic services, epidemiology and clinical services. It is a joint venture between the University of Melbourne and Melbourne Health.

A new, purpose-built building for the Doherty Institute was completed in early 2014. The members of the Doherty include the Department of Microbiology and Immunology and the Microbiological Diagnostic Unit Public Health Laboratory of the University of Melbourne, the Victorian Nosocomial Infection Surveillance System, The Victorian Infectious Diseases Reference Laboratory, The Victorian Infectious Diseases Service, and The World Health Organisation Collaborating Centre for Reference and Research on Influenza.

Further information about the Doherty Institute is available at: <http://www.doherty.unimelb.edu.au>

## School of biomedical sciences

[www.biomedicalsciences.unimelb.edu.au](http://www.biomedicalsciences.unimelb.edu.au)

The School of Biomedical Sciences is one of the most prominent and diverse Schools in the Faculty of Medicine, Dentistry & Health Sciences and is comprised of three Departments - Anatomy and Physiology, Biochemistry and Pharmacology, and Microbiology and Immunology.

The School is situated on the University’s Parkville Campus and is part of the largest biomedical precinct in the southern hemisphere, providing access to world class research facilities for staff and students.

The School fosters a values-based culture of innovation and creativity to achieve research and teaching excellence.

## Faculty of Medicine, Dentistry and Health Sciences

[www.mdhs.unimelb.edu.au](http://www.mdhs.unimelb.edu.au)

The Faculty of Medicine, Dentistry & Health Sciences has an enviable research record and is the University of Melbourne’s largest faculty in terms of management of financial resources, employment of academic and professional staff, teaching of undergraduate and postgraduate (including research higher degree) students and the conduct of basic and applied research. The Faculty’s annual revenue is $628m with approximately 55% of this income related to research activities.

The Faculty has a student teaching load in excess of 8,500 equivalent full-time students including more than 1,300 research higher degree students. The Faculty has approximately 2,195 staff comprising 642 professional staff and 1,553 research and teaching staff.

The Faculty has appointed Australia’s first Associate Dean (Indigenous Development) to lead the development and implementation of the Faculty’s Reconciliation Action Plan (RAP), which will be aligned with the broader University – wide plan. To enable the Faculty to improve its Indigenous expertise knowledge base, the Faculty’s RAP will address Indigenous employment, Indigenous student recruitment and retention, Indigenous cultural recognition and building partnerships with the Indigenous community as key areas of development.

## 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>.

## ADVANCING MELBOURNE

The University’s strategic direction is grounded in its purpose. While its expression may change, our purpose is enduring: to benefit society through the transformative impact of education and research. Together, the vision and purpose inform the focus and scale of our aspirations for the coming decade.

Advancing Melbourne reflects the University’s commitment to its people, its place, and its partners. Our aspiration for 2030 is to be known as a world-leading and globally connected Australian university, with our students at the heart of everything we do.

* We will offer students a distinctive and outstanding education and experience, preparing them for success as leaders, change agents and global citizens.
* We will be recognised locally and globally for our leadership on matters of national and global importance, through outstanding research and scholarship and a commitment to collaboration.
* We will be empowered by our sense of place and connections with communities. We will take opportunities to advance both the University and the City of Melbourne in close collaboration and synergy.
* We will deliver this through building a brilliant, diverse and vibrant University community, with strong connections to those we serve.

The means for achieving these goals include the development of the University of Melbourne’s academic and professional staff and the capabilities needed to support a modern, world-class university. Those means require a commitment to ongoing financial sustainability and an ambitious infrastructure program which will reshape the campus and our contribution to the communities we engage with. This strategy, and the priorities proposed, is centred around five intersecting themes; place, community, education, discovery and global.

## 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>