



POSITION DESCRIPTION

Melbourne Veterinary School
Faculty of Science

ARC Research Fellow – Parasitology

POSITION NO	0058621
CLASSIFICATION	Level A
SALARY	\$77,171 - \$104,717 (pro rata for part-time)
SUPERANNUATION	Employer contribution of 17%
WORKING HOURS	Full-Time (1.0 FTE)
BASIS OF EMPLOYMENT	Fixed-Term 2 position available for up to 2 years
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	Dr. Neil Young Tel +61 3 97312330 nyoung@unimelb.edu.au <i>Please do not send your application to this contact</i>

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

Acknowledgement of Country

The University of Melbourne acknowledges the Traditional Owners of country throughout Australia. The University recognises the unique place held by Aboriginal and Torres Strait Islander peoples as the original custodians of country and their continued connection to the land, waterways, songlines and culture. The University respects all Aboriginal and Torres Strait Islander People and warmly embrace those students, staff, Elders and collaborators who identify as First Nations.

Position Summary

The successful applicant will work on an Australian Research Council (ARC)-funded international collaborative research project (AU-UK) to undertake field and laboratory work that will result in the taxonomic revision of aquatic snails and their parasites, define the complete genomes of key representative snail genotypes and use transcriptomics to elucidate the molecular interactions between a snail host and a parasite. Expected outcomes from this project are the creation of novel molecular resources for important snail species and to verify their roles as key vectors of flatworm parasites. The candidate will be supervised by Dr. Neil Young and Dr. Anson Koehler, and work with Dr Bonnie Webster (Natural History Museum, London) and Professor Emeritus Winston Ponder (Australian Museum, Sydney) and members of the Parasitology Group within the Faculty of Science.

About - Parasitology @ UoM

Researchers in our parasitology group study a variety of socio-economically important parasites. Parasitic diseases cause millions of deaths and enormous suffering in people and animals around the world. Our main goal is to understand parasites and the diseases that they cause, so that we can develop effective treatments, vaccines, diagnostic tests and strategies for effective control. Our research facility is located in the Parkville Precinct a Biomedical Research Hub in Victoria, Australia, representing a vibrant research community consisting of numerous internationally prominent research institutes, centres and biomedical companies. With exceptional infrastructure, the University promotes world-class research in parasitological research.

1. Key Responsibilities

The University of Melbourne sets 'Minimum Standards for Academic Levels' (MSALs) which are expected from academic staff. The levels are differentiated by level of complexity, degree of autonomy, leadership requirements of the position, and level of achievement of the academic and may be amended from time to time.

Below is the MSALs for Level A academic staff. The Key Responsibilities, outlined in this section, are to be read in conjunction with this MSAL.

Level A - Tutor, Research Assistant (Grade 2), Research Fellow (Grade 1)

A level A academic will work with the support and guidance from more senior academic staff and will work under the supervision of academic staff at level B and above.

A level A academic is expected to develop their expertise in teaching, scholarship and/or research with an increasing degree of autonomy and may work with limited supervision and/or as part of a team.

A level A academic will contribute to teaching at the institution (at a level appropriate to the skills and experience of the staff member) and/or undertake research and/or engage in professional activities appropriate to his or her profession or discipline.

They will undertake administration primarily relating to their activities at the institution.

The contribution to teaching and supervision of students of level A academics will be primarily at undergraduate and graduate diploma level.

The results of research conducted may be published as sole author or in collaboration.

1.1 TEACHING AND LEARNING

- ▶ Contribute to training, scientific mentoring and supervision of students
- ▶ Contribute to the effective supervision of junior research staff in the appointee's area of expertise

1.2 RESEARCH AND RESEARCH TRAINING

You are expected to significantly contribute towards the research effort of the team and to develop your research expertise with an increasing degree of autonomy.

- ▶ Under the guidance and support of Senior Academic staff conduct internationally competitive research, resulting in publications in high impact journals
- ▶ Contribute to and publish academic papers and other scholarly outputs to a high academic standard in accordance with the research expectations of the University of Melbourne
- ▶ Actively participate in research seminars and conferences to disseminate research findings as opportunities arise
- ▶ Contribute to the preparation, or where appropriate individual preparation of research proposal submissions to internal or external funding bodies as relevant.
- ▶ Undertake administrative functions and obligations primarily connected with the staff member's area of research
- ▶ Contribute to, and assist in the co-supervision and training of research students primarily at undergraduate level
- ▶ Engage with relevant professional and industry bodies and stakeholders to foster collaborative partnerships

1.3 LEADERSHIP AND SERVICE

- ▶ Actively participate at group meetings and with guidance, contribute to planning activities or committee work to support capacity building in the School/discipline.
- ▶ Contribute to, or present research to the public to elevate public awareness of educational and scientific developments, and promote critical enquiry and public debate within the community where appropriate.

Lead by example and ensure the values, standards and expectations appropriate behaviour in the workplace and the best interests of a leading University are upheld as well as the University's commitment to a diverse and inclusive workplace.

- ▶ Prepare and participate in the communication and dissemination of information relating to the discipline.
- ▶ Assist with the provision of leadership in the discipline and foster excellence in research.
- ▶ Effective demonstration and promotion of University values including diversity and inclusion and high standards of ethics and integrity
 - ▶ Engage with relevant professional and industry bodies and stakeholders to foster collaborative partnerships.
 - ▶ Foster excellence in research and scholarly output and develop best practice standards for the Faculty's and University.
 - ▶ Foster a harmonious workplace environment that is conducive to productivity, promotes creativity and rewards and recognises individuals and group achievement.
 - ▶ Contribute and participate events such as Open Day, Dookie Day and other activities at the Faculty and/or University level.
 - ▶ Engage with students to maximise positive experiences and develop student experience initiatives within the curriculum that contribute to the development of a strong student cohort.
 - ▶ Undertake appropriate leadership roles within the Faculty, School and/or University, if available.
 - ▶ Promote student well-being and ensure all students are aware of all University support services, working in collaboration or seeking advice from more senior staff.

1.4 RESPONSIBILITY AND COMPLIANCE

- ▶ Maintain a sound knowledge of current University Policy and Procedures, and reliably follow these or provide compliant advice to others;
- ▶ Reliably follow communications protocols and/or policies as appropriate.
- ▶ Occupational Health and Safety (OH&S) and Environmental Health and Safety (EH&S) responsibilities as outlined in Section 5.
- ▶ Behavioural Expectations - All staff are expected to maintain the following behaviours:
 - ▶ Treat everyone equitably; act fairly with staff and demonstrate respect for diversity
 - ▶ Be an effective team player who is cooperative and gains the trust and support of staff, peers and clients through collaboration.

2. Selection Criteria

2.1 ESSENTIAL

- ▶ Completion (or near completion) of a PhD in malacology, parasitology or a related discipline
- ▶ Demonstrated experience in field and/or laboratory-based parasitology or malacology research.

- ▶ A demonstrated aptitude for research, with a sound publication record in relevant areas, commensurate with experience and opportunities.
- ▶ Demonstrated ability to prepare research reports and manuscripts for publication
- ▶ Strong evidence of ability and desire to build an academic research career trajectory
- ▶ Demonstrated ability to engage with relevant professional and industry bodies and stakeholders to foster collaborative partnerships.
- ▶ Excellent interpersonal and both written and oral communication skills in English.
- ▶ Excellent ability to work co-operatively and positively in a multi-disciplinary research based team environment and liaise with people from diverse backgrounds.
- ▶ Demonstrated excellent organisational skills to meet deadlines and bring projects to a timely completion
- ▶ Demonstrated ability to develop, administer and see through to completion appropriately designed research projects with limited supervision

2.2 DESIRABLE

- ▶ Genomics, transcriptomics, bioinformatics, statistical analyses and/or aquatic invertebrate animal husbandry experience would be an advantage.
- ▶ The ability to attract external funding through grant applications and/or support in funded joint projects with others internal or external to the university.
- ▶ Experience in assisting with supervision of students undertaking undergraduate or higher degree research projects.

2.3 OTHER JOB RELATED INFORMATION

- Occasional work out of ordinary hours, travel, etc.

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 Advancing Melbourne strategy that addresses 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 desire to strive for excellence and reach the targets of Advancing Melbourne.

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 ORGANISATION UNIT

<https://mvs.unimelb.edu.au/research/groups/parasitology>

The Melbourne Veterinary School is one of Australia's leading veterinary schools and a destination of choice for students, academics, professionals and clients for veterinary science. We recognise the complex interplay with human and environmental health, which leads to better outcomes for animal health and we work across disciplines to tackle major global issues through world-renowned research, education and engagement.

Our staff are internationally recognised and celebrated as leaders in their field. They are recipients of multiple awards from national and international veterinary and scientific organisations, and consulted by the Australian Veterinary Association, World Health Organization, Food and Agriculture Organization and World Organization for Animal Health on global issues.

5.2 FACULTY OF SCIENCE

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

Science at Melbourne is a global leader across fundamental and impactful scientific research and education. Science begins with curiosity, and we are dedicated to understanding the universe from the level of sub-atomic particles to the solar system. We aim to be leaders who positively impact the community locally and globally, addressing major societal issues from climate change to disease. Our discoveries help build an understanding of the world around us.

Our strength is our breadth of expertise. We are the second largest faculty in the University comprising seven schools: Agriculture, Food, Forest & Ecosystems Sciences, BioSciences, Chemistry, Geography, Earth & Atmospheric Sciences, Mathematics & Statistics, Physics and Veterinary Science.

This depth of knowledge positions the faculty to better understand, explore and impact our world and humanity, within a truly comprehensive Faculty of Science.

We have more than 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. We aim to train students with the knowledge and intellectual flexibility to drive the industries of tomorrow and lead across all levels of society.

We offer a range of undergraduate, honours, graduate and research degrees; enrolling more than 11,500 undergraduate and 3,750 graduate students.

We are dedicated to delivering leading transformative educational outcomes, underpinned by research, and an inclusive and inspiring student experience.

Excellence comes in many forms and diversity of thought, perspective and disciplines is essential to deliver globally leading science. At the core of our success is our focus on an inclusive environment for all in our community. Our Faculty's focus on equity, inclusion and belonging is grounded in our endeavour to ensure we are best placed to advance research, teaching and serve diverse national and global communities.

As a Science community we sit across six of the University's seven campuses – Parkville, Dookie, Burnley, Creswick, Shepparton and Werribee. This reach provides us with a unique perspective that is beneficial to our teaching and research. It also means we can offer our students a greater variety of learning experiences and internships to engage with industry partners to solve real-world issues.

We are highly research focused, performing strongly in the ARC competitive grants schemes, often out-performing the national average. The Faculty of Science is also currently growing its competitiveness and standing in the NHMRC space.

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

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 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.

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>