



## Research Fellow in Exciton Science

### *Female applicants only*

<b>CLASSIFICATION</b>	Level A.6
<b>SALARY</b>	Dependent on select university's salary rates (pro rata for part-time)
<b>SUPERANNUATION</b>	Employer contribution of at least 10%
<b>WORKING HOURS</b>	Full-Time 2 years (or Part-Time equivalent)
<b>BASIS OF EMPLOYMENT</b>	Fixed-Term 0.6FTE -1.0 (negotiable) Female Applicants Only Position

The ARC Centre of Excellence in Exciton Science is strongly committed to supporting diversity and flexibility in the workplace. Applications for part-time or other flexible working arrangements will be welcomed and will be fully considered subject to meeting the inherent requirements of the position.

<b>MORE ABOUT EXCITON SCIENCE</b>	<a href="https://excitonscience.com/home">https://excitonscience.com/home</a>
<b>HOW TO APPLY</b>	Online applications are required. Go to <a href="https://excitonscience.com/research-fellow-application-form">https://excitonscience.com/research-fellow-application-form</a>
<b>CONTACT FOR ENQUIRIES ONLY</b>	Kate McGeoch Tel +61 3 903 59706 Email: <a href="mailto:Kate.McGeoch@unimelb.edu.au">Kate.McGeoch@unimelb.edu.au</a>  <i>Please do not send your application to this contact</i>



## Acknowledgement of Country

The ARC Centre of Excellence in Exciton Science 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

### 1.1 ABOUT THE ARC CENTRE OF EXCELLENCE IN EXCITON SCIENCE

The ARC Centre of Excellence in Exciton Science is a multi-disciplinary and multi-institutional research centre working to understand, examine and manipulate the way light energy is absorbed, transported and transformed in advanced molecular materials. The Centre has nodes at The University of Melbourne, Monash University, RMIT, The University of Sydney and UNSW Sydney. The Centre is funded by the Australian Government through the Australian Research Council with funding through to the end of 2023. The Centre programmes span high-throughput computational screening, single molecule photochemistry and ultrafast spectroscopy and embrace innovative outreach and commercial translation activities. The expected outcomes and benefits include new Australian technologies in solar energy conversion, energy-efficient lighting and displays, security labelling and optical sensor platforms for defence. The successful applicant to this position will be required to work collaboratively across the Centre nodes and research areas.

More information about the ARC Centre of Excellence in Exciton Science can be found at [www.excitonscience.com](http://www.excitonscience.com)

### 1.2 POSITION DETAILS

**The position is one of two female-applicant only research positions that will be funded by the ARC Centre of Excellence in Exciton Science.**

The ARC Centre of Excellence in Exciton Science is committed to driving progress towards gender equality and ensuring diverse and balanced representation at every level of our organisation. To address the under representation of women in Science and Engineering, and to create empowering and safe workplaces for women in our Centre, these Research Fellow positions will be open to only female applicants.

In Victoria, Section 12 of the Victorian Equal Opportunity Act permits the University to conduct female only recruitment to addressing the substantive imbalance of female representation in Science and Engineering.

In New South Wales this position will be exempt under section 126 of the Anti-Discrimination Act 1977, to conduct targeted recruitment programs for women where allowed.



The ARC Centre of Excellence in Exciton Science recognises career interruption and supports flexible working arrangements. The time-fraction of this position is negotiable in the range 0.6-1.0 Full Time Equivalent and can be renegotiated as needed during the term of the contract. Similarly, flexible working hours are also negotiable as needed.

Parental Leave is offered to academic staff with varying conditions based upon length of continuous service e.g., length of service of 1-3 years would accrue between 14-24 weeks of paid leave. Full details of each institution's policy are available on request.

Each of our University nodes provides childcare services through non-profit organisations to staff and students. In most cases staff can pay fees by salary deduction. Further details about the available childcare services are available on request.

### **Position Description**

In applying for this role applicants will identify a specific research area related to the Centre's work, and a research group at one of our five University nodes where they wish to work. If successful, the position will be recommended for funding at that University, and the successful applicant appointed.

Applicants are encouraged to contact the Centre Chief Investigators to discuss potential projects and opportunities of mutual interest before applying. You can find more information and contact details here: <https://excitonscience.com/chief-investigators>

The successful applicant is expected to be involved in supervision of undergraduate and postgraduate research projects and take on a leadership role in the day-to-day operations of the group and, or laboratory.

### **Application Advice**

You will need to contact one of the Centre's Chief Investigators to discuss potential research projects or directions prior to completing this application. You can find more information and contact details here: <https://excitonscience.com/chief-investigators>

Information about the Centre's research areas can be found on our website, [www.excitonscience.com](http://www.excitonscience.com) in particular in the Centre Annual Reports <https://excitonscience.com/annual-reports>

If you have any questions about this process, please contact Centre COO, Kate McGeoch at [kate.mcgeoch@unimelb.edu.au](mailto:kate.mcgeoch@unimelb.edu.au)

## **2. Key Responsibilities**

### **2.1 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 ARC Centre of Excellence in Exciton Science
- ▶ 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 postgraduate level
- ▶ Engage with relevant professional and industry bodies and stakeholders to foster collaborative partnerships

### **2.2 TEACHING AND LEARNING**

- ▶ Contribute to the effective supervision of junior research staff in the appointee's area of expertise

### **2.3 LEADERSHIP AND SERVICE**

- ▶ Actively participate in Centre meetings and seminars and with guidance, contribute to planning activities or committee work to support capacity building in the 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
- ▶ Effective demonstration and promotion of your home University's values including diversity and inclusion and high standards of ethics and integrity
- ▶ Actively contribute to Centre activities to promote student and public engagement.

### **2.4 OTHER DUTIES**

- ▶ Perform other tasks as requested by the supervisor
- ▶ Actively participate in your University's Professional Development Framework



- ▶ Ensure an up-to-date record of University compliance courses, such as, but not limited to, Appropriate Workplace Behaviour, PDF for Staff and Supervisors, OH &S training courses.
- ▶ Occupational Health and Safety (OH&S) and Environmental Health and Safety (EH&S) responsibilities as required.

### 3. Selection Criteria

#### 3.1 ESSENTIAL

- ▶ Completion (or near completion) of a PhD in the research areas of Exciton Science or a related discipline
- ▶ Demonstrated research experience in the fields of either: Theoretical or Computational Modelling, Spectroscopy, Materials or Device Design, Excitonic Physics and or Chemistry.
- ▶ 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
- ▶ 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

#### 3.2 DESIRABLE

- ▶ Demonstrated ability to engage with relevant professional and industry bodies and stakeholders to foster collaborative partnerships.
- ▶ 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.

#### 3.3 OTHER JOB RELATED INFORMATION

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

#### *4. Equal Opportunity, Diversity and Inclusion*

The ARC Centre of Excellence in Exciton Science is an equal opportunity employer and our recruitment process focuses on essential skills and abilities. We welcome applicants from a diverse range of backgrounds, including Aboriginal and Torres Strait Islander peoples, people from culturally and linguistically diverse (CALD) backgrounds and people with disabilities. The ARC Centre of Excellence in Exciton Science values its people and is committed to attracting, developing and retaining diverse talent. Exciton Science actively promotes diversity and inclusion in the workplace and does not discriminate based on age, sex, carer or parental status, disability, race, religious belief, sexual orientation, gender identity or other characteristics. The Centre and its five partner Universities make decisions on employment, promotion and reward on the basis of merit.

This commitment is set out in the Exciton Science [Equity, Diversity and Inclusion Policy, Code of Conduct and other 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 Centre and University policies within the University in which they work.

Exciton Science is committed to supporting our employees balance their work and life commitments. Flexible working arrangements give our employees more control over when, where and how they work. All roles at within the Centre can be worked flexibly, the types of flexibility may differ from role to role.

Exciton Science 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 Centre sets out to achieve its strategic aim to drive diversity and inclusion across the university and research sector and to create an environment where the compounding benefits of a diverse workforce are recognised as vital in our continuous pursuit of knowledge.