Post-Doctoral Fellow in Polymer and Materials Chemistry

College/Division	College of Science and Engineering
School/Section	School of Natural Sciences
Location	Hobart
Classification	Academic Level A
Reporting line	Reports to CI

Position Summary

The University of Tasmania is building a vision of a place-based University with a mission to enhance the intellectual, economic, social and culture future of Tasmania, and from Tasmania, contribute to the world in areas of distinctive advantage. The University recognises that achieving this vision is dependent on the people we employ as well as creating a people-centred University that is values-based, relational, diverse, and development-focused.

We are seeking to appoint an Post-Doctoral Fellow in Polymer and Materials Chemistry in the School of Natural Sciences https://www.utas.edu.au/natural-sciences is part of the College of Science and Engineering https://universitytasmania.sharepoint.com/sites/CoSE.

The appointed Post-Doctoral Fellow will work in the area of polymer and materials chemistry, specifically in polymer synthesis and mechanism related to the use of deep eutectic solvents. This role will involve research activities in the areas of polymer hydrogels, monoliths, self-assembled nanostructured materials, controlled radical polymerization and techniques such as 3D printing, under the supervision of Associate Professor and Australian Research Council Future Fellow Stuart Thickett. The role will also involve supervision of higher degree by research students, development of research collaborations at a local, national, and international level as well as contributing to the undergraduate teaching program within the Discipline of Chemistry where relevant.

We are an inclusive workplace committed to 'working from the strength that diversity brings' reflected in our Statement of Values. We are dedicated to attracting, retaining and developing our people and are committed to inclusive principles. We celebrate the range of diverse assets that gender identity, ethnicity, sexual orientation, disability, age and life course bring. Applications are encouraged from all sectors of the community. Tell us how we can make this job work for you.

What You'll Do

- Undertake high-quality research/scholarly activities under limited supervision either independently or as a member of a team, standing, publish research findings as sole author or in collaboration, to meet and regularly exceed the University's research performance expectations for Level A.
- Make an effective and sustained contribution to the University in achieving its strategic objectives and fulfilling its operational responsibilities.
- Undertake scholarly undergraduate coursework teaching of a high quality, including consultation with students, marking and assessment connected with courses taught, production of teaching materials, and development of course material with appropriate guidance from the course or program coordinator.
- Contribute to the development and maintenance of productive and effective links inside the University and locally and nationally with the discipline, relevant interdisciplinary domains, profession, industry and/or wider community

- Undertake other duties as assigned by the supervisor.

What We're Looking For (success criteria)

- A PhD in a relevant field and/or equivalent qualifications and/or professional experience.
- A demonstrated ability and understanding of research in the field of polymer and materials chemistry, demonstrated by a strong academic record. Experience in one or more of the areas of controlled radical polymerization, polymer synthesis and characterization, development of hydrogels and porous polymers, and 3D printing, are highly desirable.
- Demonstrated ability to work as part of a research team but also autonomously.
- Experience in supervision/co-supervision of student research projects.
- Experience in University-level tutoring and learning within the field of expertise.
- A record of contributing to building and maintaining effective and productive networks with the discipline, profession, and wider community.

Other position requirements *(delete those not applicable)*

- Laboratory and workshop activities and handling hazardous substances

University of Tasmania

The University of Tasmania is an institution with an enduring commitment to our state and community, and a strong global outlook. We are committed to enhancing the intellectual, economic, social and cultural future of Tasmania. Our Strategic Direction strongly reflects the University community's voice that our University must be place based but globally connected as well as regionally networked and designed to deliver quality access to higher education for the whole State.

We believe that from our unique position here in Tasmania we can impact the world through the contributions of our staff, students and graduates. We recognise that achieving this vision is dependent on the people we employ, as well as creating a university that is values-based, relational, diverse, and development-focused.

Check out more here:

https://www.utas.edu.au/jobs

https://www.utas.edu.au/careers/our-people-values-and-behaviours

The intention of this position description is to highlight the most important aspects, rather than to limit the scope or accountabilities of this role. Duties above may be altered in accordance with the changing requirements of the position.