
Position Title:	Senior Lecturer / Associate Professor
Position Classification:	Level C / Level D
Position Number:	316868
Faculty/Office:	Faculty of Science
School/Division:	Molecular Sciences
Centre/Section:	NA
Supervisor Title:	Head of School
Supervisor Position Number:	303027

Your work area

The Faculty of Science is internationally renowned for its excellence in teaching and research. The University of Western Australia is rated above world standard in 38 fields of research, and 79% of these are a science field. The diverse nature of the Faculty of Science provides unique opportunities for research and student training. The Faculty is therefore well positioned to play a leading role in defining Australia's future. We have world leading expertise across a diversity of disciplines embracing agricultural, biological, chemical, earth, environmental, human, molecular and psychological sciences. This excellence is founded on our core, disciplinary strengths.

We are building on these core strengths to deliver an innovative, cross-disciplinary research agenda through six strategic research themes where our expertise at UWA is ideally placed to have a transformative impact. These themes are: Preventing, Diagnosing and Treating Disease; Energy and Mineral Resources for a Sustainable Future; Furthering Knowledge and Serving Humanity; Managing and Restoring the Natural Environment; Feeding the World; and Enhancing Physical, Mental and Social Wellbeing and Performance.

We seek to appoint an outstanding individual with an excellent track record, relative to opportunity, in the application of Synthetic Biology approaches to create innovative and translatable solutions to important biological challenges.

UWA's School of Molecular Sciences provides an excellent environment for generating translatable, practical solutions to key global problems in agriculture, environmental science, biology, medicine and health, and engineering. Spanning the fields of chemistry, chemical biology, biochemistry, molecular biology, molecular genetics, nanotechnology and systems biology, our internationally-recognised experts publish in the best journals, hold patents, spin out companies and collaborate with industry, hospitals and community stakeholders.

The School, based in UWA's iconic Bayliss Building, supports a vibrant environment for multidisciplinary research, high quality PhD training and industry engagement. Our research-informed, hands-on practical teaching programs prepare our undergraduate, honours and masters students to make an impact in the chemical and biomolecular sciences.

For further information, please contact the Head, School of Molecular Sciences, Professor Charlie Bond, charles.bond@uwa.edu.au

Reporting Structure

Reports to: Head of School

Your role

The appointee will have responsibility for developing the area of Synthetic Biology in association with the broader Molecular Sciences. The successful applicant will pursue an internationally recognised program of independent, collaborative research involving supervision of Honours, Masters and PhD students, engagement with industry and, where relevant, government stakeholders. They will provide leadership in the School's education portfolio, including Synthetic Biology curriculum developments in undergraduate and postgraduate courses. The appointee will also contribute to the core service activities of the School and Faculty and to the University's community and engagement outreach activities.

Key responsibilities

Developing research capacity nationally and internationally including developing interdisciplinary links

Providing leadership in curriculum development, coordination and teaching in Synthetic Biology and related fields and contribute to curriculum development across the School

Providing leadership in postgraduate teaching, in addition to the supervision of Honours, Masters and PhD student projects

Leading research bids for funding from nationally competitive funding agencies, collaborative research projects involving industry and government partners or international funding organisations.

Promotion of The University of Western Australia through involvement in professional associations, conferences and other external activities

Actively contributing to the governance and collegial life within the School, across the Faculty and University and more broadly outside the institution, including providing leadership in school and faculty governance.

Working within the legislative requirements of the University and supporting the University's commitment to equity

Your specific work capabilities (selection criteria)

For appointment at Level C, the appointee will:

Hold a PhD in Biochemistry, Molecular Biology, Molecular Genetics or a closely related area

Have an excellent track record in Synthetic Biology research with significant high quality publication outputs and significant successful funding applications relative to opportunity

Have considerable experience in high quality teaching in biomolecular sciences and a willingness to develop the curriculum in this area with a commitment to continuous improvement and enhancing the student experience

Have substantial experience in the supervision of Honours, Masters and PhD students and proven evidence of delivering excellent quality training in lab- and / or field-based work

Have a substantiated collegial attitude, evidence of effective teamwork and a proven capacity to work with diverse groups both internally in different Schools and Faculties, as well as externally with industry and government personnel to develop collaborative research and higher degree by research training projects

Demonstrate significant experience in the development and execution of School, Faculty and University policy and administrative matters, show significant evidence of representing the discipline at the School, Faculty and University levels, including highly effective communication with members of the community, professional bodies and advisory groups

For appointment at Level D, the appointee will:

Hold a PhD in Biochemistry, Molecular Biology, Molecular Genetics or a closely related area

Have an outstanding track record in Synthetic Biology research with significant high quality publication outputs and significant successful funding applications relative to opportunity

Have an outstanding contribution to high quality teaching in biomolecular sciences with a willingness to develop curriculum and a commitment to continuous improvement and enhancing the student experience

Have an outstanding track record in the supervision of Honours, Masters and PhD students and proven evidence of delivering excellent quality training in lab- and / or field-based work

Have a substantiated collegial attitude, evidence of effective teamwork and a proven capacity to work with diverse groups both internally in different Schools and Faculties as well as externally with industry and government personnel to develop collaborative research and research training projects

Demonstrate substantiated experience in the development and execution of School, Faculty and University policy and administrative matters, show a significant evidence of representing a disciplinary mix at School, Faculty and University levels, as well as highly effective communication with members of the community, professional bodies and advisory groups

Special Requirements

No special requirements

Compliance

Workplace Health and Safety

All supervising staff are required to undertake effective measures to ensure compliance with the Occupational Safety and Health Act 1984 and related University requirements (including Safety, Health and Wellbeing Objectives and Targets).

All staff must comply with requirements of the Occupational Safety and Health Act and all reasonable directives given in relation to health and safety at work, to ensure compliance with University and Legislative health and safety requirements.

Details of the safety obligations can be accessed at <http://www.safety.uwa.edu.au>

Equity and Diversity

All staff members are required to comply with the University's Code of Ethics and Code of Conduct and Equity and Diversity principles. Details of the University policies on these can be accessed at http://www.hr.uwa.edu.au/publications/code_of_ethics, <http://www.equity.uwa.edu.au>