



Position Title:	The Clifford Bradley Robertson and Gwendoline Florence Robertson Research Fellowship
Position Classification:	Level A
Position Number:	NEW
Faculty/Office:	Faculty of Engineering and Mathematical Sciences/ Faculty of Science
School/Division:	Department of Physics/School of Molecular Sciences
Supervisor Title:	Head of Department/Head of School
Supervisor Position Number:	316904

Your work area

You will work in the School of Molecular Sciences within the Faculty of Science or the Department of Physics within the Faculty of Engineering and Mathematical Sciences at UWA.

The School of Molecular Sciences, is a large, research intensive School with 90 staff, 120 PhD students, and more than 600 undergraduate students. The School is committed to achieving international excellence in teaching, research and service. 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 Department of Physics has an international reputation for excellence in research, as recognised by the hosting of three ARC Centre Nodes for Gravitational Wave Discovery, Quantum Engineered Systems, and Dark Matter Particle Physics. It also leads in research areas including quantum gravity and field, quantum information and computation, spintronics, terahertz and optical technology, and medical physics.

Reporting Structure

Reports to: Head (School of Molecular Sciences) or (Department of Physics)

Your role

As the appointee you will, under limited direction, provide a high level of expertise in your research area. You will prepare and submit (or will have recently submitted) a competitive, external Postdoctoral Fellowship application with your nominated mentor at the University of Western Australia. You will conduct research on the agreed project in conjunction with your mentor until the end of this bridging fellowship, or when the funds from a successful fellowship are received, whichever comes first.

Your area of research will be one, or a combination, of Chemistry, Biochemistry, Physics, or Materials Science.

Your key responsibilities

You will provide innovation and input into the planning and designing of a research program. Your principal responsibility will be to formulate research questions, conduct experiments, analyse data, interpret the results, write high-quality/high-impact manuscripts, and importantly prepare and submit a competitive, external postdoctoral fellowship application.

You will present your work at conferences, communicate with collaborators and supervise Honours and PhD students.

Your specific work capabilities (selection criteria)

A PhD (or soon to be completed PhD) in chemistry, biochemistry, physics, materials science or a closely related discipline

Proven ability in independently formulating a competitive fellowship application

Proven ability in pursuing and conducting high quality research

Proven experience in independently writing high-quality and high-impact manuscripts and presenting results in oral presentations

The ability to work both independently and co-operatively with collaborators and as part of a team

The ability to supervise and train Honours and PhD students

Well-developed interpersonal, verbal and written communication skills

Special requirements (selection criteria)

Occasional interstate and international travel may be required

Compliance

Workplace Health & 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>

Inclusion & Diversity

All staff members are required to comply with the University's Code of Ethics, Code of Conduct and Inclusion and Diversity principles. Details of the University policies on these can be accessed at <http://www.hr.uwa.edu.au/policies/policies/conduct/code>, <http://www.web.uwa.edu.au/inclusion-diversity>