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POSITION DESCRIPTION

Lecturer - Experimental Condensed Matter Physics

Faculty/Division	UNSW Canberra (ADFA)
Classification Level	Academic B
Hours & Span (Category)	ACADEMIC POSITION NO SPAN
Position number	00011877
Shiftwork status	ACADEMIC POSITION
Allowances	NA
On call arrangements	NA
Original document creation	8 August 2024

Position Summary

The primary focus of this appointment is to increase the School's capacity for teaching and research. The Lecturer will be expected to contribute to the School's teaching program through course delivery, course development and demonstrated research areas related to condensed matter.

A Lecturer (Level B) is expected to carry out activities to develop their scholarly research and professional activities both nationally and internationally and to contribute significantly to achieving the teaching and service missions of the School and Faculty.

The role of Lecturer reports to the Head of the School of Science and has no direct reports.

Accountabilities

Specific accountabilities for this role include:

Teaching:

- Conduct classes, assess student learning achievements, and support students in both postgraduate and undergraduate courses in line with UNSW policy.
- Design and develop learning activities and resources and provide assessment and feedback at both course and program level using a range of suitable approaches and learning environments.

- Initiate the development of experimental approaches to teaching and learning with the support of more senior academics.
- Support learning progression with students as individuals (through such activities as one-to-one consultation) and as a cohort (through general course related advice) to achieve positive learning and employability outcomes for students.
- Manage course administration as Course Authority, including academic quality assurance.
- Maintain professional development in pedagogy and disciplinary knowledge.

Research:

- Carry out cutting edge research in the field of experimental Condensed Matter Physics.
- Create scholarly impact that is recognised by peers in the advancement of Condensed Matter Physics
- Contribute to the development of applications for competitive funding under the guidance of senior colleagues, including participating as co-investigator or chief investigator in competitive grant applications.

Community:

- Work collaboratively to identify and apply for internal education funding opportunities.
- Make a positive contribution by leading School meetings and seminars and be a member of School/Faculty committees as required.
- Mentor and guide students and colleagues and develop the next generation of academics through involvement in supervision of HDRs
- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct](#).
- Ensure hazards and risks psychosocial and physical are identified and controlled for tasks, projects, and activities that pose a health and safety risk within your area of responsibility.

Skills and Experience

- A PhD in experimental condensed matter physics or a related discipline.
- Expertise in cryogenic techniques and in performing measurements at low temperatures.
- Proven commitment to proactively keeping up to date with discipline knowledge and developments.
- Capability to contribute to and build on the School's research and teaching
- Demonstrated experience in teaching and learning design using a range of pedagogical approaches, development and delivery of courses and programs, at undergraduate and/or postgraduate level.
- Experience of implementing educational technologies and online delivery methods.
- Evidence of teaching effectiveness and passion for educational excellence and fostering this in others.
- Demonstrated success in initiating curriculum development and improvement.
- Demonstrated experience with industry or work-integrated learning (desirable).

- Evidence of ability to support and inspire students from diverse backgrounds and support student equity diversity and inclusion initiatives.
- High level communication skills and ability to network effectively and interact with a diverse range of students and staff.
- Demonstrated ability to work in a team, collaborate across disciplines and build effective relationships.
- Evidence of highly developed interpersonal and organisational skills.
- Demonstrated ability to interact with the profession and industry and attract funding for learning and teaching initiatives.
- An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.
- Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

Pre-employment checks required for this position

- Verification of qualifications
- Criminal History Check
- Identification Check
- Australian Work Rights Check

About this document

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.