ACADEMIC POSITION SUMMARY

DEPARTMENT/UNIT: School of Mathematics and Statistics
FACULTY: Faculty of Science

POSITION TITLE: Research Associate (no PhD required) or Postdoctoral Research Associate (PhD required)

LEVEL: A

CLASSIFICATION: Research Only

ESSENTIAL FORMAL QUALIFICATIONS:

- PhD or equivalent
- Postgraduate degree
- Honours degree
- Other (specify)

Detail: PhD in mathematics.

PRIMARY ACTIVITIES AND RESPONSIBILITIES:

Conducting research on ARC Discovery Project "Super Duality and Deformations in the Representation Theory of Lie Superalgebras"

publishing articles in international peer-reviewed journals and presenting at conferences

supervising Honours students

ESSENTIAL SKILLS/TECHNIQUES:

Expertise in Lie theory or representation theory

Demonstrated ability to conduct research either independently or as part of a research team

Ability to supervise students at Honours level

Good organisational and administrative skills with attention to detail

Good written and verbal communication skills

ESSENTIAL EXPERIENCE:

Experience in conducting research in Lie theory or representation theory

Published research as sole author or in collaboration

Experience in research record keeping, preparation of research papers and seminars

ESSENTIAL OTHER:

Demonstrated understanding of the incorporation into University life of the principles of Equal Employment Opportunity and Affirmative Action; and ability to work positively with staff and students from a diverse range of backgrounds.

Understand your WHS responsibilities and actively ensure the health, safety and wellbeing of yourself and others at work in accordance with your delegated authority, as described in the University’s WHS Policy and Procedures and role responsibilities

DESIRABLE:

Expertise in invariant theory, quantum groups and braided tensor categories