LECTURER (GENETICS AND/OR GENOMICS)

DEPARTMENT/UNIT	School of Biological Science
FACULTY/DIVISION	Faculty of Science
CLASSIFICATION	Level B
WORK LOCATION	Clayton campus

ORGANISATIONAL CONTEXT

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu.

The **Faculty of Science** contributes to the university's goals via research, teaching and partnerships with industry, government and individual supporters. Our five Schools cover a large and diverse range of disciplines in undergraduate and postgraduate courses. Ten Schools from other university faculties contribute to science teaching at all levels, allowing students to choose their studies from physical, biological, biomedical, behavioural, environmental, mathematical and computer sciences. The research in the Faculty of Science is carried out by world-class researchers. Their work spans the theoretical to the applied, contributes to new knowledge and technologies, and challenges how we interact with the world. To learn more about the Faculty of Science, please visit our website: www.monash.edu/science/.

The School of Biological Sciences has an international reputation for the highest quality research and education programs. We aim to be a global leader in the life sciences. Areas of expertise include: molecular and cellular genetics; evolutionary genetics, disease causality, adaptation to environmental change and disease resistance; community ecology and ecosystem functioning; the impacts on biodiversity, and strategies to mitigate major environmental challenges. Simply put, we are interested in all forms of life, interactions between the environment and genetics/genomics and strategies to improve human and environmental health. To help us achieve our aims, we have a strong complement of academic, research and professional staff and a large and high achieving student population. We encourage applications from academics of diverse backgrounds and have a number of support processes to aid the transition to Australian research and education sectors. For more information about the School of Biological Sciences, please visit our website: https://www.monash.edu/science/schools/biological-sciences.

POSITION PURPOSE

The Lecturer role requires skills in the area of genetics and genomics in any of its forms. Areas of interest include, but are not limited to, human and/or evolutionary genetics, environmental or conservation genetics, bioinformatics or information technology related to genomics. A Level B academic is expected to make contributions to the research and teaching effort of the university and to carry out activities to maintain and develop their scholarly, and professional activities relevant to the profession or discipline. The successful applicant will teach into a range of existing undergraduate units and/or a Masters of Genomics currently in development.

Reporting Line: The position reports to the Head of the School of Biological Sciences

Supervisory Responsibilities: Staff and students within the successful applicant's research group.

Financial Delegation: Not applicable

Budgetary Responsibilities: Related to research activities

KEY RESPONSIBILITIES

Specific duties required of a Level B academic may include:

1. The conduct of high-quality research
2. The attainment of competitive and/or industry-based research funding
3. The publication and dissemination of research outcomes
4. Supervision of honours, masters and postgraduate students
5. The conduct of education programs potentially including: tutorials, lectures, practical classes, demonstrations, workshops, student field excursions
6. Initiation and development of subject material
7. Acting as subject coordinator
8. Involvement in professional activity
9. Development of course material with appropriate advice from and support of more senior staff
10. Marking and assessment
11. Consultation with students
12. A range of administrative functions the majority of which are connected with the subjects in which the academic teaches
13. Attendance at school and/or faculty meetings and/or membership of a number of committees

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
    - A doctoral qualification in genetics or genomics, or doctoral level qualifications with demonstrable skills in the area of genomics-related computational biology or bioinformatics

Knowledge and Skills

2. Possess a high level of interpersonal skills and a demonstrated ability to work independently and as part of a team across the research, education and service sectors

3. Evidence of the potential to deliver high quality research outputs
4. Evidence of the potential to apply for and receive competitive grant funding
5. Evidence of the potential to establish a national, and ultimately an internationally, highly regarded reputation for research excellence
6. The potential to work collaboratively and synergistically with other academics within the School of Biological Sciences and/or other academics across Monash University
7. Evidence of the potential to supervise graduate and post-graduate research students
8. A demonstrated capacity to work in a collegiate manner with other staff in the workplace

OTHER JOB RELATED INFORMATION

- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted

GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.