# Position Details

*Research Technician in Genomics and Epigenomics*

## Research Projects – CSOF4

The following information is for applicants

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| Advertised Job Title**:** | Research Technician in Genomics and Epigenomics |
| Job Reference: | 59416 |
| Relocation Assistance**:** | Will be provided to the successful candidate if required. |
| Applications Are Open To: | Australian Citizens Only  Australian/New Zealand Citizens and Australian Permanent Residents Only   * All Candidates |
| Percentage of Client Focus - Internal: | 100% |
| Percentage of Client Focus - External: | 0% |
| Reports to the: | Team Leader |
| Number of Direct Reports: | 0 |
| Name and Contact Details For Applicant Enquiries : | Dr Clare Holleley, (02) 6242 1545 ([Clare.Holleley@csiro.au](mailto:Clare.Holleley@csiro.au)) |
| Contact Details For Applying: | Call 1300 984 220 or email [careers.online@csiro.au](mailto:careers.online@csiro.au) |
| How to Apply: | Please apply online at [jobs.csiro.au](https://jobs.csiro.au/) and enter the requisition number**.** Internal applicants please apply via ‘Jobs Central’ in SAP (click ‘Recruitment’) |

## Role Overview:

Research Projects staff in CSIRO collaborates in scientific and technological activities with other research staff usually by assisting with detailed planning, undertaking or assisting with experimental, observational or technology development work, and in carrying out the more practical aspects of the work. Research Projects staff may be involved in providing consulting services, science management and/or industry liaison.

The position of Research Technician in Genomics and Epigenomics requires work using genomic approaches to support research delivering novel environmental science outcomes in the areas of biodiversity and evolutionary biology. The position is part of a team working on some of Australia’s most valuable historical specimens housed within CSIRO’s National Research Collections, to discover long-term gene-environment interactions and their impact on the evolution of the Australian biota.

## Duties and Key Result Areas:

* Conduct genomic analysis on a range of organisms, with a specific focus on formalin preserved tissues and other low quality specimens (taxa may include terrestrial and aquatic vertebrates, plants and insects)
* Adapt and develop original experimental methods in support of existing and future research
* Contribute to the maintenance of collection databases and management of associated data
* Undertake initial data analysis and work collaboratively with bioinformatics experts to develop novel pipelines
* Prepare draft reports and scientific papers
* Communicate effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIROs reputation and development of collaborations across the FSP.
* Work as part of a multi-disciplinary team, to carry out tasks under limited direction in support of scientific research.
* Under general direction participate in planning projects and accept responsibility for the scheduling and completion of major parts of projects, including allocating and directing tasks where appropriate.
* Adhere to the spirit and practice of CSIRO's Values, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## Competencies:

1. **Teamwork and Collaboration: Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other teams as well as industry colleagues.**
2. **Influence and Communication: Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others reactions.**
3. **Resource Management/Leadership: Allocates activities, directs tasks and manages resources to meet objectives. Provides coaching and on the job training, recognises and supports staff achievements and fosters open communication in the team.**
4. **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
5. **Independence: Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).**
6. **Adaptability:** Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of changes.

## Selection Criteria:

*Under CSIRO policy only those who meet all selection criteria can be appointed.*

1. Relevant Bachelors/Masters/PhD degree in Genomics or Epigenomics.
2. Advanced knowledge and experience in genomic and/or epigenomic laboratory methods
3. Proven ability to optimise complicated molecular techniques, assess their effectiveness for purpose and make recommendations about their future application
4. Experience working with challenging sample types including formalin preserved/historical/trace quantity/ancient samples
5. Experience with data analysis, data management and interpretation
6. Demonstrated strong organisational skills and ability to manage competing work priorities
7. The ability to work effectively as part of a multi-disciplinary research team, and carry out tasks under general direction
8. The ability & willingness to contribute novel ideas and approaches in support of scientific investigations.

## Desirable Criteria:

1. Ability to write or draft scientific reports and papers
2. Experience conducting research within a museum setting

## About CSIRO:

We imagine. We collaborate. We innovate. To find out more visit us [online](http://www.csiro.au/)!

Find out more about CSIRO [**National Research Collections Australia**](http://www.csiro.au/en/Research/Collections)