# Position Details

## Research Projects – CSOF3

|  |  |
| --- | --- |
| The following information is for applicants | |
| Advertised Job Title | Research Projects Officer – Safflower Biotechnology |
| Job Reference | 96105 |
| Tenure | Specified Term of 12 months, Full-time |
| Salary Range | AU$70k – AU$90k per annum plus up to 15.4% superannuation |
| Location(s) | Canberra (Black Mountain), ACT |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian or New Zealand Citizens, and Australian Permanent Residents |
| Position reports to the | Team Leader – Molecular Farming; Group Leader – Synthetic Traits |
| Client Focus – Internal | 0% |
| Client Focus – External | 100% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Dr Craig Wood via email at [craig.wood@csiro.au](mailto:craig.wood@csiro.au) or phone +61 2 6246 5065 |
| How to apply | Apply online at <https://jobs.csiro.au/>  Internal applicants please apply via **Jobs Central**  If you experience difficulties when applying, please email [careers.online@csiro.au](mailto:careers.online@csiro.au) or call 1300 984 220. |

**Acknowledgement of Country**

CSIRO acknowledges the Traditional Owners of the land, sea and waters, of the areas that we live and work on across Australia. We acknowledge their continuing connection to their culture and pay our respects to their Elders past and present. View our [vision towards reconciliation](https://www.csiro.au/en/about/Indigenous-engagement/Reconciliation-Action-Plan).

### Role Overview

The role of Research Projects staff in CSIRO is to collaborate 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.

The Research Projects Officer (RPO) in this role will be part of a small and dynamic team to generate genetically modified safflower for a range of high-value products. They will be based in Canberra to undertake all aspects of the genetic modification of safflower and interact with other project members in Canberra and Brisbane. Most activities will be laboratory, glasshouse and office based. We are seeking a candidate who is a team player, enthusiastic and eager to learn. On the job training will be provided.

### Duties and Key Result Areas

* Under limited supervision, design and perform straightforward experiments and routine laboratory analyses, design new processes or apparatus by adapting existing techniques and components to meet special circumstances or undertake modifications to methods requiring some innovation. Primarily:
  + Perform routine seed sterilisation and tissue culture methodologies.
  + Management of the plant materials through to seed setting and various analyses of the seed, such as DNA, lipid and protein studies.
* Contribute to project presentations with clients and to writing reports or scientific publications.
* Design and maintain data recording and entry systems.
* Perform some non-routine analyses or technology development activities using a range of techniques, often working on a number of parallel and competing tasks.
* Work with discretion to decide on the timing of operations within the work team’s plan and plan ahead to meet experimental and/or project demands.
* Independently test possible solutions to resolve identified problems.
* May have responsibility for maintaining laboratory or fieldwork consumables and scheduling and instructing staff in the use of shared equipment.
* Respond courteously and efficiently to client requests, maintaining clear communication regarding mutual expectations and monitoring client satisfaction.
* Communicate openly, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work collaboratively as part of a multi-disciplinary, regionally dispersed, research team to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Values, Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## **Selection Criteria**

#### Essential

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

1. Relevant diploma/bachelor’s degree or equivalent relevant work experience in a relevant field, such as plant biology, biology, or science.
2. Experience with tissue culture, preferably in plants and using genetic modification techniques, and working in laboratory and/or glasshouse settings.
3. A general understanding of genetic transformation of plants, such as the use of agrobacteria.
4. Practical experience with molecular biology, such as DNA manipulation and DNA vector constructions.
5. Ability to work independently and collaboratively within a small and dynamic team.
6. Demonstrated experience in clear record keeping enabling seed and progeny management.

## **Desirable**

1. Experience with safflower tissue culture.
2. Experience with various analytical techniques, such as PCR, lipids or protein.

## **Required Competencies**

* **Teamwork and Collaboration:** Proactively seeks and considers the ideas and opinions of others from within and outside the team to help form decisions, plans or actions.
* **Influence and Communication:** Puts forward ideas by presenting factual information supported by data, definitions, examples, illustrations or other aids, which will assist in conveying meaning.
* **Resource Management/Leadership:** Provides instruction and assists other staff to complete allocated tasks and activities.
* **Judgement and Problem Solving:** Identifies and considers the implications of a range of available alternatives in order to select the most appropriate response to problems of a familiar or recurring nature.
* **Independence:** Recognise and makes immediate changes to improve performance (faster, better, lower cost, more efficiently, better quality, improved client satisfaction).
* **Adaptability:**Willingness to change ideas or perceptions based on new information, contrary evidence or other people's points of view. Prepared to try out different approaches.

Special Requirements

The successful candidate will be asked to obtain and provide evidence of a National Police Check or equivalent. Please note that people with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.

## **About CSIRO**

We solve the greatest challenges through innovative science and technology. To find out more visit us [online](http://www.csiro.au/)!

CSIRO is a values-based organisation. In your application and at interview you will need to demonstrate behaviours aligned to our values of:

* 1. People First
  2. Further Together
  3. Making it Real
  4. Trusted

Find out more about CSIRO [Agriculture and Food](https://www.csiro.au/en/Research/AF)