# Position Details

## Research Consulting - CSOF7

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| The following information is for applicants | |
| Advertised Job Title | Principal Research Consultant: Data and digital science for public health, animal health and agriculture |
| Job Reference | 65001 |
| Tenure | Specified Term of 12 months  Full-time |
| Salary Range | AU$136,437 to AU$150,956 pa + up to 15.4% superannuation |
| Location(s) | Black Mountain ACT |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian/New Zealand Citizens and Australian Permanent Residents Only |
| Position reports to the | Research Director, Analytics and Decision Sciences |
| Client Focus – Internal | 75% |
| Client Focus – External | 25% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Peter Caley via email at [Peter.Caley@csiro.au](mailto:Peter.Caley@csiro.au) or phone 02 6216 7063 |
| 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. |

### Role Overview

CSIRO’s Data61 is the largest data innovation group in Australia. We are unrivalled in our intellectual capital and our network with the global technology marketplace. The group brings together approximately 530 research and technology staff working in digital and data technologies to create benefit for Australia. Data61 develops Australia's future leaders with its strong 300+ PhD student program in collaboration with our best universities across Australia.

This position will support the growth of new and strategic opportunities for cross-business-unit (CBU) collaboration between CSIRO’s Data61 and Health and Biosecurity at the intersection of data and digital sciences and the areas of public health, animal health and agriculture. This will include a focus on quarantine and biosecurity, surveillance and monitoring, emerging infectious diseases, zoonoses and One Health, and antimicrobial resistance (**AMR**).

The role of the Principal Research Consultant is to interface actively with the Department of Environment, Agriculture and Water and the Department of Health, as well as with other key Commonwealth and state/territory departments and agencies. They will interface actively with Australia’s livestock industry R&D organisations and peak bodies, and with the research and consulting sectors. Through these and other pathways they will work to strengthen CSIRO’s strategic presence in the areas of public health, animal health and agriculture. As required, they may be asked to represent the Research Director or Deputy Program Director at meetings, workshops or conferences, or to provide research and review of key topics.

### Duties and Key Result Areas:

* Work to the Research Director, Analytics and Decision Sciences, to progress strategic opportunities for the Program, Data61 and CSIRO at the interface between data and digital science and the areas of public health, animal health and agriculture. Identify opportunities to promote strong quantitative and data-driven approaches as per the Data61 brand.
* Communicate closely with the Research Directors for Health and Biosecurity’s Managing Invasive Species and Diseases and Risk Evaluation and Preparedness programs to identify and manage opportunities for CBU collaboration in the areas of public health, animal health and agriculture. This includes playing a key role in developing the case for the prospective AMR Mission.
* Communicate closely with the Department of Environment, Agriculture and Water and the Department of Health, as well as with other key Commonwealth and state/territory departments and agencies, industry R&D organisations and peak bodies, and the research and consulting sectors, to identify and evaluate strategic opportunities for CSIRO in the areas of public health, animal health and agriculture.
* Communicate closely with Data61’s Business Development and Commercialisation (BD&C) group to help progress strategic priorities in the areas of public health, animal health and agriculture.
* As required, attend meetings, workshops or conferences on behalf of the Research Director, Data61 Analytics and Decision Sciences, to identify and evaluate strategic opportunities for the Program.
* As required, provide research, analysis and advice to the Deputy Program Director and the Research Director on topics of relevance to the Program.
* 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, often regionally dispersed research team, and business unit to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.
* Other duties as directed.

## **Required Competencies:**

* **Teamwork and Collaboration:** Creates and fosters an environment in which there is a high level of cooperation within and between teams. Facilitates positive team relationships to build interactions across Business Units and the organisation.
* **Influence and Communication:** Identifies critical stakeholders and influences them via an influential third party, for example through an established network, to gain support for sometimes contentious proposals/ideas.
* **Resource Management/Leadership:** Sets up and maintains effective and efficient work teams and manages performance and resources, to achieve objectives. Chooses appropriate management strategies and communication styles to maintain high levels of motivation and productivity. Gives feedback for development purposes and provides support and direction for improvement.
* **Judgement and Problem Solving:** Anticipates and manages problems in ambiguous situations. Develops and selects an appropriate course of action and provides for contingencies. Evaluates, interprets and integrates complex bodies of information and draws logical conclusions, synthesises proposals and defends options with reasoned arguments.
* **Independence:** Assesses the risk and opportunity of identified strategies, options and actions. Overcomes problems and setbacks in achieving goals. Invariably includes consideration of value-added future impact on bottom line when determining the optimal and efficient use of resources.
* **Adaptability:**Is flexible in response to external change or when faced with external constraints. Identifies and promotes the opportunities arising as a result of change.

## **Selection Criteria**

#### Essential

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

1. A doctorate in a relevant discipline (e.g. veterinary or human epidemiology, microbiology, agriculture, risk analysis)*.*
2. Strong analytical and quantitative skills with a proven ability to investigate underlying issues of complex and ill-defined problems and develop appropriate responses through abstract thinking and using creative solutions.
3. Demonstrated expertise and track record in risk assessment and analysis for complex systems.
4. Experience in science policy in the areas of public health, animal health and agriculture, with a focus on quarantine and biosecurity, surveillance and monitoring, emerging infectious diseases, zoonoses and One Health, and AMR.
5. Demonstrated ability to work effectively without supervision.
6. Demonstrated ability to identify act upon opportunities to collaborate within and outside an organisation.
7. Excellent organisational skills with a demonstrated ability to independently manage competing complex demands; establish or renegotiate priorities; and meet deadlines, including the ability to effectively adapt in ambiguous, urgent and/or complex situations where information is incomplete or not available.
8. Demonstrated experience in successful project management, including planning, engagement, monitoring and reporting to meet or exceed specified outcomes and timeframes.

## **Desirable:**

1. Previous experience working across research and government will be an advantage.

Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance 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/)!

Find out more about the CSIRO [Data61](https://www.data61.csiro.au/)