# Position Details

## Research Consulting - CSOF6

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| The following information is for applicants | |
| Advertised Job Title | Research Consultant - Senior Terminologist |
| Job Reference | 70857 |
| Tenure | Indefinite  Full-time |
| Salary Range | AU$113,338 to AU$132,811 pa (pro-rata for part-time) + up to 15.4% superannuation |
| Location(s) | Herston – RBWH, Brisbane QLD |
| 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 | Team Leader, Health Data on FHIR |
| Client Focus – Internal | 40% |
| Client Focus – External | 60% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Dr Michael Lawley via email at [Michael.Lawley@csiro.au](mailto:Michael.Lawley@csiro.au) or phone 07 3253 3609 |
| 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

The role of a Research Consultant in CSIRO is to initiate, develop, lead and promote CSIRO's research capability for the benefit of Australia's economy, society/community and/or environment through strategic partnerships with industry. The Research Consultant will work with CSIRO research scientists and project staff as well as CSIRO clients, to develop and deliver projects.

The Australian E-Health Research Centre (AEHRC - <http://aehrc.com/>) is a world class centre undertaking research and development across health and biomedical informatics and health services.

The role of the Senior Terminologist is to work closely with the AEHRC team, along with other collaborators and stakeholders in the creation of controlled medical terminology and associated clinical terminology tools. The position will support research and development projects and undertake evaluations to help determine the future of clinical terminology deployments and ‘use cases’, as well as generating and contributing ideas for further research.

### Duties and Key Result Areas

* Work with clients and CSIRO researchers and software engineers in developing clinical terminology, software, and solutions to tackle issues in the collection, integration and analysis of clinical and other health data.
* Apply understanding of clinical practice and language to terminology development and modelling requirements to meet the needs of our stakeholders and customers.
* Develop terminology value sets and accurately model clinical terms and concepts in order to support research and development projects.
* Assist stakeholders and customers in the integration of terminology and clinical information structures.
* Undertake mapping activities and documentation for specific projects.
* Develop support documentation and clearly communicate complex terminology to our collaborators and customers.
* Understand and participate in local and international discussions regarding direction in terminology development and implementation.
* Participate in industry committees as required and nominated.
* Utilise project and document management tools/software as required to ensure timely and effective delivery of projects.
* Utilise knowledge to resolve support issues for collaborators and customers.
* 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 Making Safety Personal goals.
* Other duties as directed.

## **Required Competencies**

* **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.
* **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:**Demonstrates flexibility in thinking and adapts to, and manages, the increasing rate of organisational change by adjusting strategies, goals and priorities.

## **Selection Criteria**

#### Essential

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

1. Knowledge and skills gained through tertiary qualifications in a relevant discipline, such as Health Informatics, Computer Science, Nursing, Pharmacy and Laboratory Science.
2. Extensive experience working in the area of clinical terminology, with significant and wide-ranging links to the clinical terminology community.
3. Demonstrated programming skills, preferably with experience of multiple languages and platforms (e.g., JavaScript, Java, Python).
4. Deep understanding of the science underpinning data interoperability in healthcare.
5. Demonstrated ability to deliver against contract obligations and client expectations.
6. Demonstrated experience building and maintaining strong professional and collaborative working relationships.
7. Evidence of contribution to the field of Medical Informatics through application development, publications, or presentations.
8. Proficiency in information management technology, and project design and management as it relates to Medical Informatics and research therein.
9. Extensive experience and understanding of prominent clinical vocabularies such as SNOMED, AMT, LOINC, ICD and their design principles, structures and their use cases.
10. Able to be flexible in responding to change or when faced with external constraints, including the ability to identify and promote opportunities arising as a result of the change.

## **Desirable**

1. Ability to work with clinicians to design systems that facilitate the delivery of care.
2. Ability to evaluate effect of IT interventions on process and outcomes of care and on national health data collections.
3. Awareness of standards and technologies that govern either mandated or emerging approaches such FHIR, ECL or other query languages.
4. An awareness of other clinical vocabularies that underpin genomics, including HPO, OrphaNet, OMIM.

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.

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

Find out more about CSIRO [Health and Biosecurity](https://www.csiro.au/en/Research/BF)