



## PROJECT SUMMARY FORM

<b>Project Title</b>	CHS Sustainability Program – Reviewing opportunities to improve value of care
<b>Supervisor name</b>	Jade Davis
<b>CHS/ACTHD position</b>	Business Manager, Infrastructure and Health Support Services. Program Manager, Sustainability.
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**Lead discipline (please select one)**

- |  |   |
|--|---|
| <input type="checkbox"/> Nursing and Midwifery | <input checked="" type="checkbox"/> <b>Health Economics</b> |
| <input type="checkbox"/> Allied Health         | <input type="checkbox"/> Biostatistics                      |
| <input type="checkbox"/> Medicine              | <input type="checkbox"/> Epidemiology                       |
| <input type="checkbox"/> Pre-clinical          | <input type="checkbox"/> Health Policy                      |
| <input type="checkbox"/> Other                 |   |

**Does this project involve research led by, or relating to Aboriginal or Torres Strait Islanders?**

- |                              |  |
|------------------------------|--|
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
|------------------------------|--|

**Outline of the project (250 words max)**

Canberra Health Services (CHS) supports environmentally sustainable practices and are responsible for coordinating the sustainability initiatives across the health facilities. CHS have a sustainability roadmap, which supports the implementation of a sustainability strategy. To develop this strategy, it is critical to understand current health care to determine where improvements to carbon sustainability can be made.

The project will involve the analysis of historical CHS data against national Health Roundtable (HRT) data to identify opportunities to improve the value of care at CHS. This will help us to target clinical activities and models of care which can be improved to enhance the value of care provided to consumers, and provide associated sustainability and efficiency benefits to the organisation.

This will include analysing the following data:

- Episodes of care
- Diagnostic related groups (DRGs)
- Specialty
- Relative stay index (RSI) (where available)
- Net efficient price (NEP) across providers (where available)

Variations of CHS from other providers, particularly in terms of the RSI and NEP, will help to identify:

- Areas where we may be below national benchmarks and can improve.
- Our peers that are out-performing, or leading the way, across different specialties and DRGs (informing best practice or innovative approaches).

This will support a sustainability strategy that helps CHS to deliver the right care, in the right setting, at the right time.

#### **Proposed research methods**

- Quantitative data analysis
- Interviews with key stakeholders
- Relevant desktop research / literature review as required to support conclusions and outcomes.

#### **Preferred study discipline being undertaken by the student**

- No specific discipline preferred, through quantitative data analysis skills desirable.

#### **Benefits to the student and to the department**

- Strategic planning experience
- Enhancing understanding of the Australian healthcare system.
- Enhancing understanding of best practice approaches to healthcare delivery.
- Contribution to enhancing sustainability outcomes at CHS.
- Improving the value of care delivered by CHS.

#### **How does this project align with any or all of the three strategic objectives of *Better Together: A strategic plan for research in the ACT health system (100w max)***

[Better together – A strategic plan for research in the ACT health system 2022–2030](#)

Objective 1 – the ACT health system becomes a learning health system

- Research project which has direct translative opportunities back into clinical practice.
- Based on real time evidence, to guide decision making and implement continual improvement initiatives.

Objective 2 – ACT people have capacity to undertake high value research in the health system.

- Ensuring diversity and sustainability to meet the future healthcare needs of the ACT.
- Supporting CHS to include research capabilities and collaboration in the development of our sustainability strategy.

Objective 3 – ACT research infrastructure supports high value research

- Strategically important project. CHS has committed to delivering the sustainability roadmap and ensuring this is informed by appropriate data will be critical to delivering long term outcomes.

**ACTHD/CHS Department where the student will be based**

- Sustainability program team, in the Infrastructure and Health Support Services group. This program is also linked to the Research and Academic Partnerships unit at CHS.

**Will the student be in a patient facing role at any time during the project?**

- No.

**Will the student require access to CHS and/or ACTHD network / DHR / applications / database? If yes, please identify**

- Yes. Access to historical CHS data (DHR or through Business Intelligence).

**Will the student require CHS / ACT Health building access? If yes, please identify**

- Yes. Mix of in-person and home-based working recommended to allow interaction with the program team and stakeholders.

**Supervisor availability across key dates**

Friday 10 Nov – Preplacement presentation session, Canberra Hospital Auditorium <i>Approximate duration 9am-12pm – supervisors are not required for full session. Possible Webex option.</i>	Yes / No
Placement period 10 Nov – 9 Feb Please indicate availability across this time. <i>E.g. leave over Christmas/New Year</i>	Leave 25 Dec – 2 Jan
At least two face-to-face sessions with the student each week during their 6-week placement.	Yes / No
Friday 9 Feb – Final presentation session, Canberra Hospital Auditorium <i>Approximate duration 9am-1pm – supervisors are not required for full session. Possible Webex option.</i>	Yes / No

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Please submit form to [health.research@act.gov.au](mailto:health.research@act.gov.au)