



PROJECT SUMMARY FORM

Project Title	Comparing the Holistic Healthcare Needs (HHN) of women with Gestational Diabetes completing the English and other language versions of the GDM:HHN scale
Supervisor name	Professor Deborah Davis
CHS/ACTHD position	Clinical Chair Midwifery, ACT Health and University of Canberra
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Lead discipline (please select one)

- | | |
|---|---|
| <input checked="" type="checkbox"/> Midwifery | <input type="checkbox"/> Health Economics |
| <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 |
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Outline of the project (250 words max)

The prevalence of Gestational Diabetes Mellitus (GDM) is increasing considerably, and healthcare services are struggling to meet demand. Women with GDM have complex care needs as they contend with the demands of pregnancy and GDM. Qualitative research suggests high levels of unmet need in this cohort. Our team are developing a Holistic Healthcare Needs scale for women with Gestational Diabetes Mellitus. The aim of the scale is to provide healthcare services with a tool to gain feedback on their service so that they can better meet the service user's needs for care.

The scale explores 5 domains: psychological, health education and information, healthcare services and maternity care, diet and physical activity, social and personal. The scale has been translated into Chinese, Urdu, Hindi, and Punjabi. Our validation study surveyed pregnant women with GDM and returned 351 questionnaires in English, 1 in Urdu, 38 in Chinese, 7 in Punjabi and 4 in Hindi. This descriptive study will compare results for women who chose to complete the survey in English, with those completing the survey in languages other than English.

Proposed research methods

Comparative descriptive analysis of existing dataset.

Preferred study discipline being undertaken by the student

Midwifery, medicine, pre-clinical, nursing, nutrition and dietetics

Benefits to the student and to the department

The student will gain experience in conducting a focused literature review and analysing a dataset using descriptive statistics and making comparisons using relevant statistical tests (e.g. t test, chi square). In so doing, they will gain an appreciation of the holistic healthcare needs of women with GDM and some of the ways that ethnicity and culture shape their experiences of healthcare. In preparing a manuscript for publication the student will gain important skills in writing for publication. Our team will benefit by the contribution of the student to the body of work we are developing on GDM.

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](#)

This project aligns with objectives 1 (The ACT health system becomes a learning health system) and 2 (ACT people have capacity to undertake high value research in the health system). The aim of the GDM: HHN scale is to gain feedback from service users about their healthcare experiences so that services can respond in ways that better meet their needs (objective 1). Experience with research at an undergraduate level will build the capacity of the workforce in the future to undertake high value research in the health system (objective 2)

ACTHD/CHS Department where the student will be based

Synergy: Centre for Nursing and Midwifery Research. Building 8, The Canberra Hospital.

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

No

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

Yes, Building 8

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
Placement period 10 Nov – 9 Feb Please indicate availability across this time. <i>E.g. leave over Christmas/New Year</i>	<i>Please detail availability Not available 8th to 15th November</i>
At least two face-to-face sessions with the student each week during their 6-week placement.	Yes
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

x I have read and I agree to the [ACT Health privacy policy](#) which includes statements on how the ACT Health Directorate acts lawfully to collect and use data to report on activities and to plan for future events and initiatives; including that we may use your details to contact you if required for program delivery and/or evaluation and to inform you of future similar opportunities.

Please submit form to health.research@act.gov.au