

PROJECT DETAILS

Project Title:

Planetary Health, Nursing and Midwifery: Redesigning Care for Environmental Stewardship and Sustainable Clinical Practice.

Project Summary:

This body of research will examine the environmental sustainability of nursing care delivery, positioning nursing practice as a critical site for reducing healthcare's ecological footprint. It will investigate how clinical activities, material use, waste streams, and care models contribute to environmental degradation and explores evidence-based strategies to mitigate these impacts. Collectively, the research aims to build a comprehensive understanding of the relationships between nursing workflows and planetary health outcomes. By generating new knowledge, evaluating sustainable interventions, and informing models of care, this program of work seeks to advance environmentally responsible nursing practice and influence policy, education, and leadership across health systems.

Preferred Applicant Skillset:

The ideal candidate will have a strong foundation in nursing, midwifery, public health, or environmental health, with a demonstrated interest in sustainability and planetary health. They should possess research capability in qualitative, quantitative, or mixed-methods approaches, alongside skills in data analysis and critical evaluation of health-system processes. An understanding of healthcare operations and/or waste streams, and/or clinical workflows is valuable. The candidate should demonstrate initiative, reflective thinking, and the ability to collaborate across disciplines. Strong written and verbal communication skills, capacity for independent inquiry, and motivation to contribute to evidence-based improvements in environmentally sustainable nursing practice are essential.

Primary Contact:

A/Prof Melissa Carey.

m.carey@ecu.edu.au

+61 8 6304 3341