

# ARMS 2024 CONFERENCE ABSTRACT

**Theme:** The Knowledge Broker –Translating and disseminating research for greater impact

**Title:** Driving Impact through Multidisciplinary Collaboration: Spotlight on the MISCH Hub's Academic Support Model

**Author:** Shaie O'Brien - University of Melbourne

## **Abstract:**

Multidisciplinary collaborative research hubs are ideally positioned to play an impactful role as knowledge brokers by creating an environment that drives high quality research and translation. The Methods and Implementation Support for Clinical and Health (MISCH) research hub was developed to provide researchers with academic support and training. It is a comprehensive research enabler, currently supporting over 150 projects. These projects span a wide spectrum, addressing many novel research questions across many disciplines. This often requires bespoke and adaptable methodological support such as the development of a unique diabetes prediction model by the MISCH health economics lead for the Australian Centre for Accelerating Diabetes Innovations (ACADI).

The MISCH hub seeks to facilitate and collaborate to ensure researchers have access to the core research methods of biostatistics and clinical epidemiology, health economics, co-design, consumer involvement, REDCap, and clinical trial capacity building and guidance. These areas are necessary for good research design and governance to generate research findings that lead to improved health care and informed health service reform. To ensure high quality research throughout the project duration, MISCH supports the development and all stages of a project and/or clinical trial by partnering with researchers to provide them with the necessary guidance, resources, and expertise. MISCH also provides a suite of training opportunities for researchers at all stages of their careers, to build capacity and develop the necessary skillsets to undertake effective research.

Hubs like MISCH are crucial for turning research into real-world impact, leading to better health outcomes for everyone.