

INFORMATION FOR CANDIDATES

for appointment as

Assistant Research Fellow/Research Fellow

**DEPARTMENT OF PUBLIC HEALTH
UNIVERSITY OF OTAGO, WELLINGTON
Te Tari Hauora Tūmatanui,
Te Whare Wānanga o Otāgo ki Te Whanga-nui-a-Tara**

PRIME FUNCTION

To provide statistical support and analysis for the ITC New Zealand (ITC-NZL) project and Te Ara Auahi Kore (TAKe) projects. This will include providing statistical and analysis support to the lead statistician, PIs and other members of the project teams, and leading selected research outputs as required.

MAIN OBJECTIVES

- Provide statistical and analysis support for the PIs and other team members of the TAKE and ITC-NZL projects.
- Work with the lead statistician for the TAKE and ITC-NZL projects to assist with areas of project management as agreed with the PIs/lead statistician, including overseeing data management, planning and conducting statistical analyses and coordination/liaison with external data holders.
- Contribute to the preparation of research outputs (such as papers, conference contributions, data briefings and summaries) and other dissemination of the ITC-NZL project findings.
- Other research-related tasks such as contributing statistical support to the preparation of spin-off grant proposals.

KEY TASKS

This is a 1.0 FTE position (although a slightly lower FTE may be a possibility for a suitable candidate) and the tasks undertaken will reflect the time available. The specific tasks will be agreed between the post-holder and the TAKE/ITC-NZL project statistician and PIs, and may be carried out with assistance of other team members. Tasks will include some of the following:

- Contribution to statistical aspects of the TAKE and ITC-NZL projects through contributions to team and advisory group meetings, e-mail discussions etc.
- Support for specific areas within the TAKE and ITC-NZL projects such as overseeing data management, planning and conducting statistical analyses and coordination/liaison with external data holders.
- Liaison with relevant collaborators to ensure the delivery of the objectives e.g. with the data management and statistical team at the University of Waterloo, the Ministry of Health NZHS survey team, the project survey company, TAKE partners and survey weighting advisers.
- Contribute statistical advice and analysis (including possible leadership of selected research outputs) to research outputs such as papers, conference contributions, data briefings and other dissemination of the TAKE and ITC-NZL project findings.
- Other research-related tasks such as contributing statistical support for the preparation of spin-off grant proposals.

RELATIONSHIPS

Directly responsible to: James Stanley, lead statistician ITC-NZL and TAKE.
Richard Edwards, PI of ITC-NZL.
Andrew Waa, PI of TAKE.

Functional relationships with: Other TAKE and ITC-NZL team members.
Other academic staff, researchers and general staff in the Department of Public Health.
Other members of ASPIRE 2025 collaboration.

BUDGETARY RESPONSIBILITY

- Nil

EXPECTED OUTCOMES

- Provision of high quality statistical support and advice.
- Successfully completed project management tasks.
- Successful contribution to dissemination and research outputs.
- Successfully completed other research-related tasks.
- Timely completion of work.

PERSON SPECIFICATION

Required:

- Post graduate qualification in statistics, epidemiology or related field.
- Experience and knowledge in statistics and epidemiology.
- Experience in managing/cleaning large datasets (especially survey data).
- Experience and competency with statistical analysis package(s) (R preferred; or Stata/SAS).
- Experience with common statistical methods (confidence intervals, logistic regression).
- An ability to work as a member of team, including contributing to the planning and timing of work, being assertive where necessary to refine work plans, and meeting realistic deadlines.

Desirable:

- Past experience with complex survey data analysis.
- Track record of providing support for statistical aspects of health research.
- Experience working with Māori organisations.