

Australian Institute of Health and Welfare (AIHW)

Drivers of Patient Experiences in GP Care

Internship available for Semester 1, 2021

The Australian Institute of Health and Welfare (AIHW) is a major national agency established under the *Australian Institute of Health and Welfare Act 1987* as a corporate Commonwealth entity to provide reliable, regular and relevant information and statistics on Australia's health and welfare.

We are committed to providing high quality, national data and analysis across the health, housing and community services sectors. This covers a wide range of areas, from health and welfare expenditure, hospitals, disease and injury, disability and mental health, to ageing, homelessness, and Indigenous health and welfare.

We value a positive, friendly, cooperative and productive workplace where people are treated with respect and courtesy, and diverse and unique attributes are recognised and valued. We are committed to providing flexibility in working arrangements to recognise the importance of balancing work commitments with family, caring and other personal commitments of employees outside of work.

The AIHW is committed to creating genuine opportunities for all, and encourages applications from Aboriginal and/or Torres Strait Islander people(s), people with a disability and people from diverse cultural and linguistic backgrounds.

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Project: Drivers of Patient Experiences in GP Care

Internship Details:

- Internship Availability: Semester 1, 2020
- Internship Discipline: This would suit a candidate with a statistics or data analysis background from any health or science discipline. The project would be well suited to someone with an interest in patient perspectives and/or chronic health conditions. Experience with analysing survey data is desirable but not essential.
- Internship Level: 3rd year undergraduate or Masters by Coursework student as it requires a minimum 2nd year level statistical knowledge
- Available to International Students: No
- Preferred Project Skills:
 - Strong data analysis skills, preferably health data and/or survey data
 - Good writing skills and the ability to communicate statistical findings to a lay audience
- Clearances Required: Police check
- Project manager and internship contact: Lisa Irvine, Senior Data Analyst (Ph: (02) 6249 5107; E: Lisa.Irvine@aihw.gov.au)
- Supervisor/mentor: Maddie Howlett, Data Analyst, (02) 6249 5272; E: Maddie.Howlett@aihw.gov.au)
- Contact details: Ben Miller (Ph: 6249 5149; E: recruitment@aihw.gov.au)

- Interns are paid at the APS2 classification and engaged through Chandler Macleod as a contractor.

Summary:

Positive and inclusive experiences within the health system are key to good health outcomes, particularly for those with complex health needs. Improving health outcomes requires a better understanding of the current experiences that people are having in the health system, and identifying where those experiences could be improved.

This project will examine how patient characteristics are associated with experiences in GP care, and which of these characteristics are the main drivers of those experiences.

This position will require the intern to undertake data analysis, under supervision, using the Patient Experience Survey 2018-19. Analysis will include:

- A brief descriptive analysis of relevant patient characteristics (eg. age, sex, chronic conditions, health status) and outcome variables
- Logistic regression analysis of outcome variables on patient characteristics
- A write up and discussion of the results.

The intern will be required to complete the ABS Data Lab Safe Researcher training prior to beginning their internship. This will be organised by the AIHW in conjunction with the successful candidate and the ABS.

Expected deliverables/outcomes for the AIHW as a result of the intern's work:

- A brief introduction to the topic and rationale for the analysis
- Output of at least one regression analysis of patient characteristics on experiences of GP care
- A write-up of the results and a brief discussion of the findings

Depending on the outcome of this work, the deliverable may be published or used internally to inform future patient experience work.