# PhD Opportunity

# Modelling COVID-19 Policy Response

### Expression of Interest

The Population Interventions Unit, headed by Professor Tony Blakely, in the Centre for Epidemiology and Biostatistics is looking for a talented student to undertake a PhD in the area of Epidemiology, Health Policy, Economics, and Computer Simulation. The Centre has a full-time scholarship for an appropriately qualified student to commence research in early 2022. The PhD research will involve using highly developed modelling skills to analyse and identify the best policy responses to the COVID-19 pandemic in the next couple of years.

For more information about the Population Interventions Unit and the scholarship available:

* https://mspgh.unimelb.edu.au/research-groups/centre-for-epidemiology-and-biostatistics-research/population-interventions
* https://scholarships.unimelb.edu.au/awards/graduate-research-scholarships

**About you**

The ideal candidate will have:

* Masters or Honours degree in Epidemiology, Public Health, Biostatistics, Statistics, Data Science or related field.
* Strong skills in quantitative or qualitative analysis
* Excellent written and verbal communication skills

Additionally:

* Publication(s) in peer-reviewed journals and/or evidence of research impact will be highly regarded.
* Experience in data analysis and computing language skills (e.g. R, Python) are highly regarded.

Australian or New Zealand citizenship or permanent residency is preferable. Outstanding international applicants will be considered.

Applicants are required to meet the University of Melbourne’s requirements for a Research Higher Degree candidature. Please refer to:

https://study.unimelb.edu.au/how-to-apply/graduate-research/domestic-applications/entry-requirements

# How to apply

Please complete the Expression of Interest.docx (docx) and send a completed copy, along with your CV, academic transcripts from all prior study and academic references as a single PDF document to Dr Kirsti Hakala Assendelft via email ([kirsti.hakala@unimelb.edu.au](mailto:kirsti.hakala@unimelb.edu.au)) or apply via the University Page-up system. We also welcome discussions with us prior to completing an Expression of Interest. For further enquiries please contact Prof Tony Blakely via email ([antony.blakely@unimelb.edu.au](mailto:antony.blakely@unimelb.edu.au)). Application will be reviewed as received so please apply as soon as possible!

## Expression of Interest Form

Please note that, if successful, you are also required to submit an application for a University of Melbourne Graduate Research Degree and Scholarship.

<http://futurestudents.unimelb.edu.au/admissions/applications/research>

**Applicant Information**

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| **Full name:**  *(including title)* |  |
| **Current institution:** |  |
| **University of Melbourne student number (if applicable):** |  |
| **Residential address:** |  |
| **Suburb:** |  |
| **Postcode:** |  |
| **Telephone contact:** |  |
| **Email:** |  |
| **Citizenship category:**  *(Please indicate)* | Australian citizen ( )  Permanent resident ( )  New Zealand citizen holding a Special Category Visa ( ) |

**Academic Details**

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| * List below all tertiary level studies you have undertaken including those in which you are currently enrolled (whether you have completed them or not) beginning with the most recent. * † If you are currently completing a degree, please write CU for ‘current’ and include the date that you anticipate completion. If you began a degree and did not complete it, write INC for ‘incomplete’ and include the date when you ceased study. If you completed the degree please write CO for ‘complete’ and include the completion date. * ‡ Program length is the usual duration of the program on a full-time basis. | | | | |
| **Name of degree (e.g. Bachelor of Arts)** | **Name of Institution & country** | **† Current (CU)/ Incomplete (INC)/Complete (CO)** | **Date completed/ceased OR Expected date of completion (mm/yy)** | **Program length‡**  **(e.g. 3 years)** |
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### Referee 1 - Contact details

|  |  |
| --- | --- |
| **Full name:**  *(including title)* |  |
| **Institution:** |  |
| **Department:** |  |
| **Telephone:** |  |
| **Email:** |  |

### Referee 2 - Contact details

|  |  |
| --- | --- |
| **Full name:**  *(including title)* |  |
| **Institution:** |  |
| **Department:** |  |
| **Telephone:** |  |
| **Email:** |  |

## Career Objectives/Vision

*Please summarise how the Scholarship would advance your career objectives and outline your vision for the next 5 years (max 200 words).*

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**DOCUMENTS TO ATTACH**

* **Please attach your Curriculum Vitae** (maximum three A4 pages)
* **Please attach your academic transcripts**

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| Please note the following documentation requirements:   * You must provide the full official transcript(s) on official university letterhead, indicating all subjects and results in all years of study for each qualification completed or attempted. * If you have completed a degree but your transcript does not state this, you must provide a copy of the award certificate or an original or copy of a letter from your institution on university letterhead confirming you have completed all the requirements of the degree program and are eligible to graduate or have graduated. * If your transcripts do not contain actual numeric marks (e.g. 82%) or Grade Point Averages (e.g. 3.4) you should provide a separate official explanation of the relevant university’s grading system, or official advice from the awarding institution detailing the numeric marks you achieved for your tertiary studies. * Applicants with a Masters qualification that is graded as Pass/Fail only should provide examiners’ reports (a report containing examiners’ feedback/ detailed information about your thesis) if they are available. * All applicants with a Masters qualification should provide an extract from the relevant university handbook (or website) that clearly states (i) the normal duration of the Masters course (e.g. two years full-time) and (ii) the structure of the course (e.g. minimum of 24 points, of which 18 points are a research project). You must provide information about the amount of research required for the qualification. * If you are currently enrolled in a tertiary course, please provide a transcript that shows your results to date and provide final transcripts as soon as they become available. * If you have received credit toward your degree at the third year level or higher, please include the transcript/s for the studies for which you have received credit. * Documents in languages other than English must be accompanied by an English translation by an accredited translator. * If your current name is not the same as the name on your transcripts (e.g. due to marriage) please provide a copy of evidence of change of name (e.g. a marriage certificate). |