

# Thinh Ong

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## Education and qualifications

2022-2026	DPhil	University of Oxford, United Kingdom
2012-2018	MD	University of Medicine and Pharmacy at Ho Chi Minh City, Vietnam

## Employment history

2021-2022	Research assistant, Mathematical Modelling Group, Oxford University Clinical Research Unit, Vietnam
2020-2021	Editorial assistant, MedPharmRes, University of Medicine and Pharmacy at Ho Chi Minh City, Vietnam
2019-2020	Research intern, Cancer Epigenetics Lab, Garvan Institute of Medical Research, Australia
2019-2020	Research assistant, Centre for Population Health Sciences, Hanoi University of Public Health, Vietnam
2018-2023	Biostatistical consultant, Infertility Department, Tu Du Hospital, Vietnam

## Awards

2022-2026	DPhil studentship funded by OUCRU and the NDM Tropical Network Fund, University of Oxford
2019	Second Prize for Outstanding Presentation at the 36th Science and Technology Conference, University of Medicine and Pharmacy at Ho Chi Minh City
2018	Awarded for achieving the highest GPA over the 6-year MD programme—the highest in the school's history
2018	Award for the student with the highest dissertation score
2014-2018	Annual award for the student with the highest GPA each academic year

## Grants

I have successfully secured \$182,474 in research grants since 2022. Further details are provided below.

2024-2025	PI	Modelling measles and hand-foot-mouth disease transmission dynamics in Ho Chi Minh city. Funding from OUCRU Programme Scientific Committee.	\$27,694
2023-2025	PI	The impacts of 15-month disruption in childhood vaccination programme on vaccination coverage and seroprevalence in Ho Chi Minh city. Funding from OUCRU Programme Scientific Committee.	\$29,961
2022-2024	PI	An R package for modelling infectious disease parameters based on serological and social contact data. Funding from OUCRU Programme Scientific Committee.	\$20,437
2024-2025	Co-I	Research culture in Southeast Asia. Funding from Wellcome.	\$104,382

## Software

1. T Ong, TQA Phan, ML Ha, M Choisy (2025). *denim: Construct and simulate deterministic discrete-time compartmental models with customisable dwell time distributions*. <https://thinhhong.github.io/>

[denim/](#).

2. TQA Phan, NTN Pham, TL Bui, NT Huynh, M Choisy, T Ong (2025). *serosv: Analyse serological data and estimate infectious diseases parameters*. <https://oucru-modelling.github.io/serosv/>.
3. PL Luu, T Ong, TTH Loc, D Lam, R Pidsley, C Stirzaker, SJ Clark (2021). *MethPanel: Analyse multiplex bisulphite PCR sequencing to assess DNA methylation biomarker panels for disease detection*. <https://github.com/thinhong/MethPanel>.
4. QL Khuong, T Ong, VM Hoang (2020). *hss: Estimate sample size for health study designs*. <https://thinhong.shinyapps.io/samplesize/>.
5. PL Luu, T Ong, TP Dinh, SJ Clark (2020). *Lifted: Enhance genome conversion robustness during reference assembly updates*. <https://github.com/thinhong/Lifted>.