

Nguyen Pham Nguyen The

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EDUCATION

University of Medicine and Pharmacy at Ho Chi Minh City Ho Chi Minh City, Vietnam
Doctor of Preventive Medicine 2018 - 2024

Attended Coursework:

- *In-person*: Basic Medical Statistics, Analysis of Time-to-Event Data, Inference Methods, Agent-based Modelling with GAMA.
- *Online*: Google Data Analytics, Biostatistic in Public Health, Writing in the science, Infectious Diseases Modeling.

EXPERIENCE

Mathematical Modelling Group, Oxford University Clinical Research Unit Sep 2023-Present
Research Assistant

- Developed the R package *serosv*: *Analyse serological data and estimate infectious diseases parameters*.
- Conducted epidemiological analysis of the 2023 hand, foot, and mouth disease outbreak in Ho Chi Minh City.
- Analyzed serological data for measles and hand, foot, and mouth disease in Ho Chi Minh City.

Intern Jun 2023-Aug 2023

- Conducted systematic reviews of serosurveillance systems and risk of outbreak calculation methods.

Inferity Department, Tu Du Obstetrics and Gynecology Hospital Jun 2023-Present
Biostatistical Analyst

- Performed statistical analysis for randomized clinical trial studies.

Online Research Club Oct 2022-Oct 2024
Researcher

- Conducted a systematic review and meta-analysis on vaccine acceptance and attitudes among people experiencing homelessness.

Ho Chi Minh City Center for Disease Control Jun 2021-Oct 2021
Pandemic response volunteer

- Participated in contact tracing via telephone during COVID-19 pandemic in Ho Chi Minh City.
- Performed data entry, and data cleaning of COVID-19 test results data.

SKILLS

Skills: Proficient in R programming for data analysis, conducting systematic reviews.

Languages and Tools: R, Github, Quarto.

RESEARCH OUTPUTS

Software

- Phan TQA, **Pham NTN**, Bui TL, Huynh NT, Choisy M, Ong T. *serosv*: Analyse serological data and estimate infectious diseases parameters. <https://oucru-modelling.github.io/serosv/>.

Publications

- Nguyen, D.A., Alagbo, H.O., Hassan, T.A., Mera-Lozano, L.D., Abdelaziz, E.O., **Pham NTN**, Makram, A.M., Makram, O.M., Elsheikh, R., Huy, N.T. Vaccine acceptance, determinants, and attitudes toward vaccine among people experiencing homelessness: a systematic review and meta-analysis. *BMC Infect Dis* 23, 880 (2023). <https://doi.org/10.1186/s12879-023-08878-6>
- Le TMC, Tran THD, Pham VP, Dang TL, Duong KT, Hua TT, Huynh TNT, Nguyen THN, Le QT, Nguyen BMN, Vo MT, Ong PT, **Pham NTN**, Amorim CA. The first comparative study on the effectiveness of slow freezing and vitrification of human ovarian tissue by xenotransplantation model in Vietnam. *J Assist Reprod Genet* (2025). <https://doi.org/10.1007/s10815-025-03439-z>

Oral presentation

- **Pham NTN**. Modelling a two-peak enterovirus A71 outbreak caused in Ho Chi Minh City, Vietnam, in 2023. Paper presented at: Early Career Researchers' Sandbox, Infectious Diseases Modelling Conference 2024; 2024 Nov 6-8; Bangkok, Thailand.

TEACHING

Seminar

- "Steps for conducting a systematic review". OUCRU monthly training classes. Venue: Ho Chi Minh City Center for Disease Control. https://github.com/pntnguyen/SR_HCDC

ACHIEVEMENTS

Scholarship

- Modelling Infectious Diseases in South East Asia (MIDSEA) Summer School 2024. Institution: National University of Singapore; Mahidol Oxford Research Unit; Oxford University Clinical Research Unit; University of the Philippines; De La Salle Manila; Mahasarakham University.