

# Nguyen Pham Nguyen The

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## EDUCATION

**University of Medicine and Pharmacy at Ho Chi Minh City**

Doctor of Preventive Medicine

Ho Chi Minh City, Vietnam

2018 - 2024

## 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-Lojano, 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. *In Submission*.

### 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](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.