Thao MP Tran

WORK EXPERIENCE

15/05/2020 – CURRENT – Leuven,
Belgium **BIOSTATISTICIAN –** P95

o Supporting the study preparation phase with simulations and sample size calculations
o Defining and implementing the study statistical methodology
o Collaborating with epidemiological and PV experts on study design, data analysis, and the interpretation and communication of study results.
o Optimization and improvement of data flows and analytical processes, and documentation.
o Working closely with statistical programmers, data analysts, and other statisticians.
o Writing statistical analysis plans, including TFL and mock table shells.
o Conducting the statistical analyses for epidemiological and pharmaco-epidemiological studies.
o Contributing to the development of scientific publications based on the analyses and study results.

01/09/2015 – 04/05/2020 – Hasselt
PH.D. IN APPLIED MATHEMATICS/STATISTICS – HASSELT UNIVERSITY

o Doing research in mathematical modeling of infectious diseases
o Performing teaching assistant activities
o Doing consultancy work

01/11/2012 – 01/08/2013 – Hanoi, Vietnam
CLINICAL RESEARCH ASSOCIATE – QUINTILES

o Performing site start-up activities
o Performing site monitoring activities
o Performing site closure visits
o Taking part in continuous trainings with regard to Good Clinical Practice (GCP) and soft-skills development.

EDUCATION AND TRAINING

01/09/2015 – 04/05/2020 – Martelarenlaan 42 , Hasselt, Belgium
PH.D. IN APPLIED MATHEMATICS/STATISTICS – Hasselt University

o Doing research in modeling infectious diseases
o Performing teaching activities as a teaching assistant in some courses and performing consultancy for one project.

Field(s) of study
  ◦ Natural sciences, mathematics and statistics : *Mathematics and statistics not further defined*
Thesis: Mathematical and statistical models for estimating infectious disease parameters based on serologic

https://www.uhasselt.be/nl | https://documentserver.uhasselt.be/handle/1942/31930

13/09/2013 – 01/08/2015 – Hasselt, Belgium
MASTER IN APPLIED STATISTICS – Hasselt University

o The study design, data collection, and data analysis of epidemiological studies and intervention measures
o Foundational courses include general statistic courses such as linear models (regression, analysis of variance, etc.), generalized linear models (logistic regression, Poisson regression, etc.), multivariate modeling, analysis of longitudinal data, applied Bayesian methodology to very epidemiology-oriented courses, for example, environmental epidemiology, etc.
o Soft skills to communicate effectively analytical results/outputs with researchers of various fields including writing up reports, presenting results by formal presentations, or summarising findings in a scientific paper.
Field(s) of study
  ○ Natural sciences, mathematics and statistics
Thesis: Longitudinal modeling of antibody dynamics during herpes zoster infection

83% | Great distinction | ECTS | 120 | https://www.uhasselt.be/nl |

https://documentserver.uhasselt.be/handle/1942/19388

01/09/2006 – 31/07/2011 – 15 Le Thanh Tong, Hoan Kiem District, Hanoi, Vietnam
BACHELOR OF PHARMACY – Hanoi University of Pharmacy

http://hup.edu.vn/en/Pages/Home.aspx

LANGUAGE SKILLS

Mother tongue(s): **VIETNAMESE**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	C1	C1	C1
DUTCH	B2	C1	B2	B2	B2
FRENCH	A2	A2	A2	A2	A2
SPANISH	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Word | Microsoft Excel | google | gmail | social media

COMMUNICATION AND INTERPERSONAL SKILLS

Good writing skills

o Good in writing scientific papers and related content (7 publications, 1 master thesis, and 1 Ph.D. thesis

Good presenting skills

o Good in presenting scientific results with researchers from various fields.
o Good at coordinating with students while working as a teaching assistant for some courses during my Ph.D.
o Good at communicating with colleagues from different backgrounds and research fields during my Ph.D. as well as during my work at P-95.

JOB-RELATED SKILLS

Statistics

o Master and Ph.D. degrees in Applied Statistics.
o Working as a biostatistician (2 years) after graduating in May/2020.

Modeling infectious diseases

o Ph.D. thesis on mathematical and statistical modeling in infectious diseases (application in serological and
social contact data with data related to pertussis, RSV, and Parvovirus P19 among others).
o Master thesis on the dynamics of antibodies during herpes zoster (HP) infection using a longitudinal data analysis approach.

Epidemiology

Two-year working experience at P95 Pharmacovigilance and Epidemiology as a statistician who performed statistical analysis as well as contributed to protocol development and other phases of a study.

Statistical programming

o Advanced programming skills in R
o Sufficient programming skills in SAS