

Tipsarp (Minnie) Kittisiam

Guelph, ON | tkittisi@uoguelph.ca | <https://minnie-kitt.github.io/>

SUMMARY

Passionate and knowledgeable Ph.D. Candidate in Epidemiology with international experience, teaching expertise, and a proven ability to work in multicultural settings. Skilled in conducting research using a mix of quantitative and qualitative methods. Committed to improving human and animal health.

- Advanced proficiency in epidemiological methods and statistical modelling using R/RStudio
- Strong problem-solving and critical-thinking abilities. Excellent problem-solving and written and verbal communication skills. Able to work efficiently, collaboratively in a team and independently.

EDUCATION

Doctor of Philosophy in Epidemiology Sep 2021 – Apr 2025 (Candidate)

Ontario Veterinary College, University of Guelph, Guelph, ON, Canada

Thesis: Supporting the promotion of positive psychology in early-career veterinarians

Supervisor: Dr. Andria Jones (D.V.M., Ph.D.)

Master of Science in Veterinary Epidemiology 2019 - 2021

Kasetsart University Kampaeng Saen Campus, Nakhon Pathom, Thailand

Thesis: Social Network Analysis of Free-Roaming Dogs in Kasetsart University

Supervisor: Dr. Waraphon Phimprapai (D.V.M., Ph.D.)

Doctor of Veterinary Medicine 2013 - 2019

Faculty of Veterinary Medicine, Kasetsart University, Bangkok, Thailand

Supervisor: Dr. Suwicha Kasemsuwan (D.V.M., M.Phil.)

PROFESSIONAL EXPERIENCE

University of Guelph Guelph, ON, Canada

Doctoral Researcher | Ontario Veterinary College

2021 – Present

- Managed the planning, execution, and monitoring of a mixed-methods research project comprised of a 3-year longitudinal study and an 11-month qualitative study, adjusting as needed to ensure high-quality outcomes.
- Collected quantitative and qualitative data on the mental health of over 200 veterinarians in Canada.
- Utilized R/RStudio to analyze data using advanced statistical methods including regression & mixed models, and unsupervised machine learning. Maintained data analysis records and version control using Git/GitHub.
- Collected and analyzed qualitative interview data from 21 participants using thematic analysis in NVivo.
- Collaborated with stakeholders regularly to ensure quality and timely completion of the project.
- Presented results to diverse audiences at different levels of understanding, locally and internationally.

Graduate Teaching Assistant | Ontario Veterinary College

Jan - Apr & Sep - Dec 2024

- Distilled concepts in epidemiology, such as causal inference, specificity and sensitivity, sampling strategies, and bias, and conveyed them to stakeholders at different levels of expertise.
- Communicated written and verbal feedback to improve stakeholders' understanding of concepts.

Guest Lecturer | Ontario Veterinary College

Mar & Oct 2024

- Communicated concepts such as epidemiological study designs and using R for biostatistics to stakeholders.

Program Assistant, Global Pre-Arrival Support | Student Experience

May - Sep 2024

- Led the organizing team of a successful 3-day orientation event for 300 international students.
- Addressed unforeseen setbacks, delegating tasks and adjusting logistics to minimize event disruption.
- Managed the production of multiple weekly newsletters to over 1,000 recipients.
- Coordinated with stakeholders to ensure the relevance and accuracy of all communication content.

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PROFESSIONAL EXPERIENCE

Kasetsart University Kampaeng Saen Campus **Nakhon Pathom, Thailand**
Research Assistant, "Rabies-Free Animal Project" 2019 - 2020

- Developed a questionnaire to investigate the need for rabies control programs in high-risk urban areas.
- Collaborated with various stakeholders, including national, provincial, and local public health units, veterinarians, local authorities, community representatives, and international partners.
- Led data collection efforts in field sites to assess the efficiency and practicality of oral rabies vaccination.
- Co-authored a book chapter on dog rabies prevention with researchers from Thailand's Ministry of Agriculture, the U.S. Agency for International Development (USAID), and Ceva, an industry partner.

TRAINING AND CERTIFICATION

Introduction to Practical Disease Modeling **Nov 2024**
International Symposium on Veterinary Epidemiology and Economics Sydney, NSW, Australia

safeTALK **Oct 2023**
Wellness Education & Promotion Centre, University of Guelph Guelph, ON, Canada

Mental Health First Aid Standard (Blended) (9-hour) **Oct 2022**
Mental Health Commission of Canada Online

Course on Research Ethics (TCPS 2: CORE) Certificate **Oct 2021**
Panel on Research Ethics, Government of Canada Online

Contact Network Epidemiology **Jul 2021**
Summer Institute in Statistics and Modeling in Infectious Diseases, University of Washington WA, USA

Spatial Statistics in Epidemiology and Public Health **Jul 2021**
Summer Institute in Statistics and Modeling in Infectious Diseases, University of Washington WA, USA

PEER-REVIEWED PUBLICATIONS

Leelahapongsathon, K., Wongphruksasoong V., Vos, A., Kasemsuwan, S., **Kittisiam, T.**, Sagarasaeranee, O. & Chanachai, K. (2023). 'Oral Vaccination of Dogs as a Complementary Tool for Canine Rabies Control: The Thai Protocol', CABI Books. CABI International. <https://www.cabidigitallibrary.org/doi/full/10.1079/9781800622975.0010>

Kittisiam, T., Phimpraphai, W., Kasemsuwan, S., & Thakur, K. K. (2021). Analyses of Contact Networks of Community Dogs on a University Campus in Nakhon Pathom, Thailand. *Veterinary Sciences*, 8(12), 299. <https://doi.org/10.3390/vetsci8120299>

AWARDS AND SCHOLARSHIPS

Braithwaite Conference Travel Grant **Nov 2024**
University of Guelph, Canada

International Symposium on Veterinary Epidemiology and Economics (ISVEE) Bursary **2024**
ISVEE organizing committee, Australia

International Doctoral Tuition Scholarship **2021 - 2025**
University of Guelph, Canada

Canada-ASEAN Scholarships and Educational Exchanges for Development (SEED) **2020 - 2021**
Global Affairs Canada, Canada