NORIKO TAMARI

norikotamari@email.arizona.edu

EDUCATION

PhD student in Epidemiology, University of Arizona, College of Public Health, USA **Aug 2019-present**

Master of Public Health, Nagasaki University, Nagasaki, Japan **Sep 2017**

Bachelor of Human Sciences, Osaka University, Osaka, Japan

Associate degree in Laboratory Science, College of Laboratory Science, Kyoto University, Kyoto, Japan

EXPERIENCE

Graduate Research Assistantships **Jun 2020-present**

- Assist in the running of experiments for the Bluetooth contact tracing application for the COVIDWATCH – AZ-UA collaboration
- Assist in the writing of protocols – IRB and research SOP for the development of the project
- Conduct analyses of data collected in field experiments
- Assist in the design of user surveys
- Assist in the analysis of user surveys

Teaching Assistant **Spring 2020**

- Worked as in the assistant EPID 573A (Introduction to Epidemiology for Graduate online)
- Conducted homework review class

Teaching Assistant **Fall 2019**

- Worked as in the assistant EPID 309 (Introduction to Epidemiology for Undergraduate)
- Conducted homework review class

Department of Vector Ecology and Environment, Institute of Tropical Medicine, Nagasaki University, Japan **2017-2019**

Research fellow

- Engaged in a project to developing a rapid diagnostic device for *Plasmodium* infection in western Kenya
- Pursued Establishment of an Early-warning System for Infectious Diseases in Southern Africa Incorporating Climate Predictions
- Research collaborator for Data Integration and Analysis System (DIAS) project conducted by Institute of Industrial Science, the University of Tokyo
- Coordinated a household survey and field evaluation for bed net use
- Created a database of household size and composition using Memento application
- Data management
- Data analysis

Site Support Institute Co., Ltd, Tokyo, Japan **2010-2015**

Clinical Research Coordinator

- Supported the development of new drugs and medical devices

- Proactively gave support to doctors throughout clinical trials (Phase I-IV & Medical devices)
- Selected potential trial subjects from medical records and obtained informed consent
- Planned and managed schedules of examinations and drug administration for subjects according to protocols
- Managed data and organized documents

AWARD

Roots for Resilience Scholarship Program **Aug 2020**
7,000 USD for Academic Year Fall 2021

B.F. and C.B. Hannah Scholarship **Aug 2020**
947.65 USD for Academic Year 2021-2022

MEZCOPH Travel Awards, University of Arizona, USA **Nov 2019**
Travel expenses (500 USD)

Kanazawa Iwao Memorial Foundation, Japan **Jun 2019**
Scholarship (9,230 USD)

Graduate School of Tropical Medicine and Global Health, Nagasaki University, Nagasaki University, Nagasaki, Japan **Jan 2019 - Mar 2019**
Supporting Overseas Travel Expenses to Young Researchers contributing to Global Health (4,500 USD):
Preliminary study - An attempt to increase agricultural production and reduce malaria cases based on climate predictions in Sub-Saharan Africa

Institute of Tropical Medicine, Nagasaki University, Nagasaki, Japan **2017**
International conference travel award for young researchers (1,800 USD): participated in the American Society of Tropical Medicine and Hygiene 66th Annual meeting

Nagasaki University, Nagasaki, Japan **2016-2017**
Full tuition waiver

PUBLICATION

Tamari N, Minakawa N, Sonye GO, Awuor B, Kongere, JO, Hashimoto M, Kataoka M, Munga, S. Protective effects of Olyset® Net on *Plasmodium falciparum* infection after three years of distribution in western Kenya. *Malar J.* 2020;19(1):373.

Yamamoto T, Hashimoto M, Nagatomi K, Nogami T, Sofue Y, Hayashi T, Ido Y, Yatsushiro S, Abe K, Kajimoto K, **Tamari N**, Awuor B, Sonye G, Kongere J, Munga S, Ohashi J, Oka H. Minakawa N, Kataoka M, Mita T. Development of a quantitative, portable, and automated fluorescent blue-ray device-based malaria diagnostic equipment with an on-disc SiO 2 nanofiber filter. *Scientific reports*. 2020;10(1):1-12.

Tamari N, Minakawa N, Sonye GO, Awuor B, Kongere JO, Munga S, Larson PS. Antimalarial bednet protection of children disappears when shared by three or more people in a high transmission setting of western Kenya. 2018. *Parasitology* 1–9.

PRESENTATION

Poster Presentation

Tamari N, Sonye GO, Awuor B, Kongere JO, Hashimoto M, Kataoka M, Munga S, Minakawa N. The impact of Olyset® Net and DawaPlus® 2.0 on the risk of *Plasmodium* infection in Gembe East, western Kenya. The American Society of Tropical Medicine and Hygiene 68th Annual meeting, Nov 2019, Maryland, USA.

Tamari N, Sonye, GO, Awuor B, Kongere JO, Hashimoto M, Kataoka M, Munga S, Minakawa N. Use of bed nets incorporating permethrin inhibits blood-feeding by anopheline mosquitoes in Gembe East, western Kenya.. The 59th Annual meeting for the Japanese Society of Tropical Medicine, Nov 2018, Nagasaki, Japan.

Tamari N, Kongere JO, Sonye GO, Awuor B, Oketch L, Gunga CO, Sonye FO, Agolla J. and Minakawa, N. Increasing the number of hanging points to spread a bed net reduced the risk of *Plasmodium* infection among children in villages along Lake Victoria in western Kenya. The American Society of Tropical Medicine and Hygiene 67th Annual meeting, Oct 2018, New Orleans, USA.

Tamari N, Minakawa N, Kongere JO, Sonye GO, Awuor B, Oketch L, Gunga CO, Sonye FO, Larson PS. Number of persons sharing a bed net is positively associated with the risk of *Plasmodium* infection in western Kenya: Implications for malaria prevention. The American Society of Tropical Medicine and Hygiene 66th Annual meeting, Nov 2017, Baltimore, USA.

Larson PS, **Tamari N**, Ndemwa M. Snakebites in a resource poor area along the Southern Kenyan Coast: spatial results and victim profiles. The American Society of Tropical Medicine and Hygiene 66th Annual meeting, Nov 2017, Baltimore, USA.

Yamaguchi M, Sonye GO, Awuor B, **Tamari N**, Minakawa N. Covering house eave gaps and ceilings with insecticide treated nets may reduce the risk of *Plasmodium* infection among children in Siaya Sub-County, Kenya. The American Society of Tropical Medicine and Hygiene 66th Annual meeting, Nov 2017, Baltimore, USA.

QUALIFICATION

Medical technologist in Japan

CERTIFICATION

Project Cycle Management (PCM): Participatory Planning **July 2017**

Tool for managing the cycle of a project (Planning and Implementation) by using the Project Design Matrix

Project Cycle Management (PCM): Monitoring and Evaluation **July 2017**

Tool for monitoring and evaluation project

SKILLS

Word, Excel and PowerPoint

R, SAS, STATA, Python and ArcGIS Pro

Data analysis (GLM, GLMM, spatial Data analysis with R-Integrated Nested Laplace Approximation: R-INLA)

Open Data Kit (ODA) database application

Japanese (Native), English and Spanish (DELE B2, Advanced)