

Yaimie Samantha López, BSc., MSc.

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EDUCATION

09/2023 – to date	PhD Student – Oxford Interdisciplinary Bioscience Doctoral Training Programme Oxford Brookes University, United Kingdom – funded by Biotechnology and Biological Sciences Research Council.
09/2020 – 11/2021	Master of Science: Tropical Disease Biology Liverpool School of Tropical Medicine, United Kingdom – funded by Wellcome Trust (International Master's Fellowship Programme)
01/2010 - 01/2015	BSc. (Biology) <i>Summa Cum Laude</i> Universidad del Valle de Guatemala, Guatemala

EMPLOYMENT AND RESEARCH EXPERIENCE

11/2023 to date	Invited Researcher Centre for Health Studies, Universidad del Valle de Guatemala
09/2020 – 10/2023	Researcher Centre for Health Studies, Universidad del Valle de Guatemala <i>"Identification of the transmission cycle of cutaneous leishmaniasis in Alta Verapaz, Guatemala"</i> Project funded by: Wellcome Trust
10/2019 to 08/2020	Research Assistant INCAP Research Centre for the Prevention of Chronic Diseases, INCAP, Guatemala. <i>"Development of a progressive model for the monitoring of governance, leadership and accountability of primary health care in the municipalities of Villa Nueva and Mixco"</i> Project funded by: Liverpool School of Tropical Medicine
03/2019 to 09/2019	Data Analyst Malaria and Medical Entomology Unit at the Center for Health Studies, Universidad del Valle de Guatemala (UVG). <i>"Zika Mosquito Repellent Availability Assessment"</i> Project funded by: Chemonics International Inc. / United States Agency for International Development (USAID)
10/2017 to 08/2018	Research Assistant Malaria and Medical Entomology Unit at the Center for Health Studies, UVG. <i>"Strengthening Aedes surveillance network for integrated vector management (Zika Vector Control)"</i> Project funded by: Centers for Disease Control and Prevention of the United States
01/2017 to 09/2017	Research Assistant Malaria and Medical Entomology Unit at the Center for Health Studies, UVG.

“Understanding Malaria Risk Factors to Inform Appropriate Interventions in Escuintla”

11/2015 to 12/2016

Research Assistant

Malaria and Medical Entomology Unit at the Centre for Health Studies, UVG.

“Studies of host seeking mosquito interactions with treated and untreated bed nets in laboratory and field settings and in-house assessments of mosquito distribution around treated bed nets”

Project funded by: Centers for Disease Control and Prevention of the United States

TEACHING AND SUPERVISING

2022 - 2023

Supervisor

100 hrs of professional Practices for Undergraduate Biochemistry Students (3)
Universidad del Valle de Guatemala, Guatemala

2019

Demonstrator

Universidad del Valle de Guatemala
Module: *Ecology for Educators*

2019

Demonstrator

Universidad del Valle de Guatemala
Module: *Zoology for Educators*

ACADEMIC PUBLICATIONS

2025

Lopez, Y., Casas-Sanchez, A., Arana B., Rizzo N., de la Vega A., Bustamante E., Padilla N., Duran E., Acosta-Serrano A., Mendizabal-Cabrera, R. 2025. Insights into the transmission cycle of cutaneous leishmaniasis from an endemic community in rural Guatemala. *Current Research in Parasitology & Vector-Borne Diseases*, January 15:7:100244, [10.1016/j.crpvbd.2025.100244](https://doi.org/10.1016/j.crpvbd.2025.100244).

2023

Lopez, Y., Arana, B., Rizzo, N., Duran, E., Acosta-Serrano, A., Mendizabal-Cabrera, R. 2022. The Neglected Among the Neglected: A review of Cutaneous leishmaniasis in Guatemala. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, volume 117, issue 9, <https://doi.org/10.1093/trstmh/trad024>.

2021

Egid, B., Roura, M., Aktar, B., Amegee, J., Chumo I., Dias, S., Hegel, G., Jones L., Karuga, R., Lar, L., **Lopez, Y.**, *et al.* 2021. You want to deal with power while riding on power: global perspectives on power in participatory health research and co-production approaches. *BMJ Global Health*, 6(11), doi: 10.1136/bmjgh-2021-006978

2021

Egid, B., Ozano, K., Hegel, G., Zimmerman, E., **López Y.**, Roura, M., Sheikhattari, P., Jones L., Dias, S & Wallerstein N. 2021. Can everyone hear me? Reflections on the use of global online workshops for promoting inclusive knowledge generation. *Qualitative Research*, June 2021: doi:[10.1177/14687941211019585](https://doi.org/10.1177/14687941211019585)

2017

Lepe M., Dávila M., Canet M, **López Y**, Flores E, Dávila A y Escobar L. 2017. Distribution of *Aedes aegypti* y *Aedes albopictus* in Guatemala 2016. *Ciencia, Tecnología y Salud*, 4(1). ISSN: 2410-6356.

AWARDS AND RECOGNITION

2026	Bioimaging award for Best Original Science. Centre for Bioimaging at Oxford Brookes University. Oxford Brookes University, Oxford, England.
2025	Bioimaging Award for Best Visual Effects. Centre for Bioimaging at Oxford Brookes University. Oxford Brookes University, Oxford, England.
2022	Inclusion on the first issue of “Heroines in Science”, a magazine recognizing 30 female scientists from Guatemala, from the National Secretariat of Science and Technology (SENACYT), Guatemala.
2015	Bachelor’s in science: Biology with <i>Summa Cum Laude</i> honours at Universidad del Valle de Guatemala, Guatemala.
2015	Special award for undergraduate thesis “Jaguar (<i>Panthera onca</i>) response to olfactory stations using commercial perfume in camera trap sites, at Laguna del Tigre National Park, Peten, Guatemala” at Universidad del Valle de Guatemala, Guatemala.

PROFESSIONAL TRAINING

2022	Secure Insectary Experimental Methods course (online) by the Pirbright Institute, England, United Kingdom.
2022	Introduction to Statistics & Data Analysis in Public Health (online) by the Imperial College London, England, United Kingdom in the Coursera Platform.
2021	Introduction to Good Clinical Practice (eLearning) by the National Institute for Health Research (NIHR), Liverpool, England United Kingdom
2019	Diploma in Higher Education Teaching and Innovation, Universidad del Valle de Guatemala, Guatemala City.
2019	Early Career Researchers Workshop in sandflies, blackflies and biting midges, GNATWORK ‘19 Brazil, Belo Horizonte, Brazil
2019	Good Clinical Practices (GRP), awarded by CIDAL, endorsed by the Ministry of Health of Guatemala, Guatemala City.
2019	Geographic Information for Vector Surveillance (GIVeS) II by the Liverpool School of Tropical Medicine and Emory University, San Salvador, El Salvador.
2017	Geographic Information for Vector Surveillance (GIVeS) I by the Liverpool School of Tropical Medicine and Emory University, Guatemala City, Guatemala.

OTHER PUBLICATIONS AND WRITINGS

2021	Barret, C., Egid, B., Lopez, Y. 2021. Reflections on post-graduate student experiences of cross-disciplinary research. Blog. REDRESS. URL: https://www.redressliberia.org/blogs/reflections-on-post-graduate-student-experiences-of-cross-disciplinary-research-by-carrie-barrett-bea-egid-ya/
2020	Hegel, G., Lopez, Y., Ozano, K..2020. Recommendations from Guatemala to urban municipalities responding to COVID-19 in low-and middle-income countries. Blog. ARISE Consortium. URL: https://www.ariseconsortium.org/recommendations-from-guatemala-to-urban-municipalities-responding-to-covid-19-in-low-and-middle-income-countries/

CONFERENCE PROCEEDINGS

- 2026 **Lopez, Y.**, Sunter J.D. 2025. Defining the role of the actin cytoskeleton in *Leishmania*. Postgraduate Symposium, Oxford Brookes University, Oxford, England. *Poster presentation*.
- 2025 Lopez Y. 2025. Re-descubriendo la leishmaniasis cutánea en Guatemala. Tercera Jornada de Seminarios. Instituto de Medicina Regional, Chaco, Argentina. *Oral presentation*.
- 2025 **Lopez, Y.**, Sunter J.D. 2025. Defining the role of the actin cytoskeleton in *Leishmania*. British Society for Parasitology – Trypanosomiasis and Leishmaniasis Seminar, Ceske Budejovice, Czech Republic. *Poster presentation*.
- 2023 **López, Y.**, Casas-Sanchez, A., Duran, E., Acosta-Serrano A., Mendizábal-Cabrera, R., 2022. Understanding biological factors involved in the transmission of cutaneous leishmaniasis in Guatemala. British Society for Parasitology Spring Meeting, Edinburgh. *Poster presentation*.
- 2022 **López, Y.** Identification of the biological factors involved in the transmission of cutaneous leishmaniasis in Guatemala. III International Meeting of Biotechnology, Guatemala City, Guatemala. *Oral presentation*.
- 2022 **López, Y.**, Duran, E., Acosta-Serrano A., Mendizábal-Cabrera, R., 2022. Identification of the biological factors involved in the transmission of cutaneous leishmaniasis in Guatemala. WorldLeish, August 2022, Cartagena, Colombia. *Poster presentation*.
- 2021 **López, Y.**, Casas-Sanchez, A., Rizzo, N., Arana, B., Duran, E., Acosta-Serrano A., Mendizábal-Cabrera, R., 2021. Identification of the biological factors involved in the transmission of cutaneous leishmaniasis in Guatemala. Research In Progress, Royal Society of Tropical Medicine and Hygiene, London. England, United Kingdom. *Poster presentation*.
- 2019 **López, Y.**, Mendizábal, R., Rizzo, N., Arana, B., Acosta A. 2019. Identification of Leishmaniasis transmission cycle of cutaneous leishmaniasis in Alta Verapaz, Guatemala, at the GNATWOK Brazil '19 Conference, Belo Horizonte, Brazil. *Poster presentation*.
- 2016 Padilla N, **López Y.**, Rodas S, Lenhart A, Vizcaino L & Sutcliffe J. 2016. "Spatial distribution of wild host-seeking *Anopheles albimanus* mosquitoes in human-occupied untreated bednets compared to the distribution of net damage" at the 65th Annual Meeting of the American Society of Tropical Medicine & Hygiene, Atlanta, Georgia, USA. *Poster presentation*.

PROFESSIONAL MEMERSHIPS

- 2022 – to date British Society for Parasitology, England, United Kingdom
- 2022 - 2023 Royal Society of Tropical Medicine and Hygiene, England, United Kingdom.
- 2022 to date Organization for Women in Science for the Developing World (OWSD) Guatemala chapter, full member status. Guatemala City, Guatemala.

OTHER PROFESSIONAL ACTIVITIES

2023 – 2025	Member of the Equity, Equality, Diversity and Inclusion committee at the Doctoral Training Centre, University of Oxford, England.
2023 - 2024	Member of the organising committee of the Grand Challenge Seminar series 2024, Doctoral Training Centre, University of Oxford, England.