

Mandy Roome, PhD

ACADEMIC TRAINING:

University of Hawaii at Hilo, Hilo, HI- BA
Binghamton University, Binghamton, NY- MS
Binghamton University, Binghamton, NY- MA
Binghamton University, Binghamton, NY- PhD

HONORS

Graduate Student Award for Excellence in Research
Member- Entomological Society of America- 2018 to present
Member- Sigma Xi Scientific Honor Society- 2018 to present
Member- Human Biology Association- 2012 to present

PUBLICATIONS

M Li, KL DeRosa, H Mann, R Spathis, A Roome, D Castellanos, K Gowen, TS de Smet, J Echard, K Casey, M Shamoony-Pour, RM Garruto, KJ Lum. 2020. Recent Kuru disease induced female gene flow disrupted the pattern of gene-language coevolution in the Papua New Guinea Highlands: Kuru disrupt gene-language coevolution in Papua New Guinea. *American Journal of Physical Anthropology*. *IN PRESS*.

N Sharareh, R Behler, A Roome, J Shepherd, RM Garruto, N Sabounchi. 2019. Risk Factors of Lyme Disease: An Intersection of Environmental Ecology and Systems Science. *Healthcare*. 7(2): 66.

T Zahlawi, A Roome, CW Chan, JJ Campbell, B Tosiro, M Malanga, M Tagaro, J Obed, J Iaruel, G Taleo, L Tarivonda, KM Olszowy, KN Dancause. 2018. Psychosocial support during displacement due to a natural disaster: relationships with distress in a lower-middle income country. *International Health*. ihy099.

A Roome, R Spathis, LA Hill, JM Darcy II, RM Garruto. 2018. Lyme disease transmission risk: seasonal variation in the built environment. *Healthcare*. 6(84): 1-12. doi:10.3390/healthcare6030084

N Sharareh, NS Sabounchi, A Roome, R Spathis, RM Garruto. 2017. Model-Based Risk Assessment and Public Health Analysis to Prevent Lyme Disease. *Journal of the Royal Society Interface*. 4(11): 170841.

A Roome, L Hill, V Al-Feghali, CG Murnock, JA Goodsell, R Spathis, RM Garruto. 2017. Impact of white-tailed deer on the spread of *Borrelia burgdorferi*. *Medical and Veterinary Entomology*. 31: 1-5.

INVITED LECTURES/WORKSHOPS

A Roome & RM Garruto. 2018. Lyme Disease: Emergence and Spread in Upstate New York. Workshop: Master Teacher Program of New York State, Albany, New York, March 12.

A Roome. 2018. The spread of Lyme disease in the Northeast: Ticks, Human Health and Public Health Policy. 4th Annual Lyme Disease Conference. Binghamton, New York. May 5.

A Roome & RM Garruto. 2017. Lyme Disease: Emergence and Spread in Upstate New York. Workshop: Master Teacher Program of New York State, Binghamton, New York, February 7.

A Roome. 2017. Lyme Disease: Emergence and Spread in Upstate New York. 3rd Annual Lyme Disease Conference. Binghamton, New York. April 29.

A Roome. 2017. Risk of Lyme Disease in the Upper Susquehanna River Basin of New York State. 1st Annual Nuts and Bolts of Lyme Disease and Current Updates. Elmira, New York, March 30.

A Roome. 2016. Risk of Lyme Disease in the Upper Susquehanna River Basin. Second Annual Lyme Disease Conference, Binghamton New York, May 7.

A Roome. 2015. Binghamton University Lyme and Other Tick-Borne Diseases Project: Modeling reservoir, vector, spatial and human behavioral risk of Lyme disease. First Annual Lyme Disease Conference, Binghamton New York, May 9.

A Roome. 2014. Lyme and Other Tick-Borne Diseases in the Southern Tier: Ecological & Field Studies Presentation. Broome County Health Department. June 27, 2014.