

Knowledge Translation

Presentations

- 6 presentations about eTick
- 2 presentations about the Asian long-horned tick
- 8 presentations about the TCC-3W project
- 5 presentations about tick modelling
- 7 internal working group presentations



Interviews

- 20 print articles about ticks and eTick
- 5 radio interviews

Social media

- 5 postings about eTick
- 2 postings about TCC-3W 5-year tick infographic



Publications

INTERFACE
 royalsocietypublishing.org/journal/rsif
 Research

Mechanistic movement models reveal ecological drivers of tick-borne pathogen spread

Olivia Tardy^{1,4}, Catherine Bouchard^{1,3}, Eric Chamberland², André Fortin², Patricia Lamirande², Nicholas H. Ogden^{1,3,4} and Patrick A. Leighton^{1,4}

CABI One Health

Engaging an interdisciplinary team to map the current and future distribution of the Asian longhorned tick (*Haemaphysalis longicornis*) in North America: A One health approach to risk mapping and the added value of citizen science

Cork SC, Namgyal J, Couloigner I, Checkley S, Envik A, Lysyk T, Dergousoff S, Ko E.

Passive Tick Surveillance and Detection of *Borrelia* Species in Ticks from British Columbia, Canada: 2002–2018

Muhammad G Morshed^{1,2}, Min-Kuang Lee¹, Eva Boyd³, Sunny Mak³, Erin Fraser³, Jason Nguyen¹, Elizabeth A Dykstra⁴, Michael Otterstatter^{3,5}, Bonnie Henry³, Eleni Galanis^{3,5}

International Journal of Environmental Research and Public Health

Comparison of Habitat Suitability Models for *Haemaphysalis longicornis* Neumann in North America to Determine Its Potential Geographic Range

Jamyang Namgyal^{1,*}, Isabelle Couloigner^{1,2}, Tim J. Lysyk¹, Shaun J. Dergousoff³ and Susan C. Cork¹

Sentinel surveillance of Lyme disease risk in Canada, 2019: Results from the first year of the Canadian Lyme Sentinel Network (CaLSeN)

Camille Guillot^{1,2*}, Jackie Badcock³, Katie Clow⁴, Jennifer Cram⁵, Shaun Dergousoff⁶, Antonia Dibernardo⁷, Michelle Evason⁸, Erin Fraser^{9,10}, Eleni Galanis¹¹, Salima Gasmi¹², Greg J German¹³, Douglas T Howse¹⁴, Claire Jardine¹⁵, Emily Jenkins¹⁶, Jules Koffi¹⁷, Manisha Kulkarni¹⁸, L Robbin Lindsay¹⁹, Genevieve Lumsden²⁰, Roman McKay²¹, Muhammad Morshed²², Douglas Munn¹⁹, Mark Nelder²³, Joe Nocera²⁴, Marion Ripocha²⁵, Kateryn Rochon²⁶, Curtis Russell²⁷, Andreea Slatculescu¹, Benoit Talbot²⁸, Karine Thivierge²⁹, Maarten Voordouw¹⁴, Catherine Bouchard^{1,23}, Patrick Leighton¹

Training and new collaborations

- Dermacentor speciation project with BCCDC Public Health Lab and eTick
- Companion animals, ticks and tick-borne diseases in British Columbia. A Merck Animal Health, BCCDC, eTick, and TCC-3W initiative.
- Support of the Canadian Animal Health Surveillance System led literature review of the Asian Longhorned Tick.
- Undergraduate students: Akaysha Envik, Carl Dizon, Elise Romney, Jason Tee
- Research Associate: Isabelle Couloigner

Financial contribution from