

# **Stephen Rich**

**Professor of Microbiology and Director of the New England Center of Excellence in Vector-Borne Diseases (NEWVEC) at University of Massachusetts Amherst**

Amherst, MA, US

Stephen Rich studies zoonotic diseases, with a focus on tick-borne diseases and human malaria. He is the director TickReport.

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## **Biography**

Stephen Rich studies zoonotic diseases, with a focus on tick- and mosquito-borne diseases including Lyme disease and human malaria. He is the director of TickReport, a professional tick-testing service that the public can use to determine if a particular tick carries disease-causing pathogens. His work is providing insights into what populations of people are being bitten by ticks, when and where, and what pathogens those ticks are carrying. Stephen Rich's expertise on tick-borne disease, including Lyme disease, Anaplasma and Babesia, has made him a go-to expert for commentary and predictions on the risks of these diseases. He directs the Laboratory of Medical Zoology at UMass Amherst, that focuses on infectious diseases, with particular attention to those diseases with transmission cycles that involve other animal species.

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## **Expertise**

Powassan, Vector-Borne Diseases, Ticks and Tick Borne Diseases, Parasitic diseases, Malaria Research, Zoonotic Diseases, Alpha-gal, Lyme Disease

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## **Education**

**University of California Irvine**

Ph.D. Biological Sciences

**Harvard University T.H. Chan School of Public Health**

S.M. Tropical Medicine

**University of Vermont**

M.S. Zoology

**Saint Lawrence University**

B.S. Biology

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