

## David L Nieland

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**Subject:** Postdoctoral Position in EcoEpidemiology of tick-borne diseases (Columbia University)

### POSTDOCTORAL POSITION

ECO- EPIDEMIOLOGY OF TICK-BORNE DISEASES Department of Ecology, Evolution and Environmental Biology (E3B)  
Columbia University

A post-doctoral position is available in Maria Diuk-Wasser's EcoEpidemiology lab at the Department of Ecology, Evolution and Environmental Biology (E3B), Columbia University. The applicant will join a collaborative project to study the influence of pathogen interactions on the emergence of tick-borne diseases in the United States, funded by the joint NSF/NIH Program on Ecology and Evolution of Infectious Diseases (EEID). This project offers a unique opportunity to integrate laboratory and field studies with various modeling approaches to study the ecological and evolutionary factors driving the emergence and geographic expansion of tick-borne pathogens such as *Babesia microti*, an emerging pathogen sharing tick vector and host with *Borrelia burgdorferi*, the Lyme disease agent.

Candidates should have a Ph.D. in ecology, epidemiology, entomology, microbiology or related fields. Background in molecular methods is required, in addition to skills in one or more of the following areas: spatial modeling, population or community ecology, population genetics or dynamic modeling of microbes, vectors, or vertebrate reservoir hosts.

The successful candidate must be capable of working independently in an interdisciplinary environment and have strong quantitative and writing skills evidenced by publication. Opportunities exist for collaboration with the Mailman School of Public Health, the Earth Institute, the American Museum of Natural History, the Wildlife Conservation Society and the EcoHealth Alliance.

To ensure consideration, please submit application by December 18, 2014, but the position will remain open until filled. The expected start date is between January and May 2014. The position is available for 1 year with the possibility of renewal depending on performance. Salary is commensurate with experience. Applications should include CV, statement of research interests, the names of three references and be sent to:

[mad2256@columbia.edu](mailto:mad2256@columbia.edu)

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