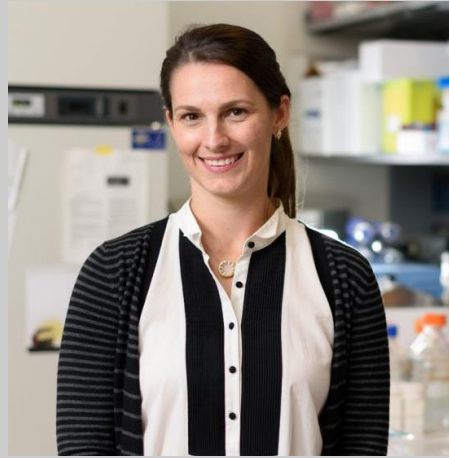




Erin Lashnits



Clinician Investigator
PhD Candidate

- BS Individually Designed Major in Astrobiology, Stanford University
- MS Biological Sciences, Stanford University
- DVM Cornell University
- DACVIM (Small Animal Internal Medicine)

Mentor: Edward Breitschwerdt

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Research emphasis:

The Intracellular Pathogens Research Laboratory at NCSU CVM studies flea- and tick-transmitted pathogens, with the current major focus on *Bartonella* species. *Bartonella* are emerging zoonotic pathogens of One Health importance.

Dr. Lashnits's current research involves epidemiology of *Bartonella* infection in a One Health context, specifically modeling *Bartonella* transmission as a zoonotic vector-borne disease at the interface of humans, companion animals, and the environment.

Selected Publications:

- **Lashnits E**, Correa M, Hegarty BC, Birkenheuer A, Breitschwerdt EB. *Bartonella* Seroepidemiology in Dogs from North America, 2008-2014. *J Vet Intern Med.* 2018 Jan;32(1):222-231.
- Laprais AF, Bizikova P, **Lashnits EW**, Tucker A, Linder KE. Scleromyxoedema in a dog. *Vet Dermatol.* 2017 Oct;28(5):503-e119.
- Ni A*, **Lashnits E***, Yao LC, Baluk P, McDonald DM. Rapid remodeling of airway vascular architecture at birth. *Dev Dyn.* 2010 Sep;239(9):2354-66.
- Baluk P, Fuxe J, Hashizume H, Romano T, **Lashnits E**, Butz S, Vestweber D, Corada M, Molendini C, Dejana E, McDonald DM. Functionally specialized junctions between endothelial cells of lymphatic vessels. *J Exp Med.* 2007 Oct 1;204(10):2349-62.

Applications:

- Flea-borne disease including Bartonellosis
- Vector-borne disease modeling
- One Health

Research Strengths:

- Epidemiologic and clinical studies in small animal infectious disease
- Transmission and pathogenesis of vector-borne disease in companion animals
- Statistical analysis, data processing, and visualization