



## Daniela de Angeli Dutra

Postdoctoral Scholar, Biology

 Curriculum Vitae available Online

### Bio

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#### BIO

Hello, I am Daniela and I am a disease ecologist and parasitologist from Brazil. My research focuses on disease ecology and my main goal is to fill gaps in research that will lead to a better understanding of the patterns and mechanisms that contribute to parasite spread and the possible ways to mitigate pathogen impact. I have already explored a broad range of avian parasites, from ticks down to protozoans, such as *Babesia*. However, most of my research is focused on malaria and malaria-like (haemosporidian) parasites. During my undergraduate, master's, and PhD, I studied malaria parasites infecting wild, domestic, and rehabilitating avian hosts. Since then, I have dedicated myself to investigating macroecological and evolutionary patterns of parasite-host dynamics. My current research focuses on the effect of global change on vector-borne diseases. Ultimately, my research should help to improve models to predict, prevent, or mitigate disease outbreaks and human burden.

#### STANFORD ADVISORS

- Erin Mordecai, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Network specificity decreases community stability and competition among avian haemosporidian parasites and their hosts** *GLOBAL ECOLOGY AND BIOGEOGRAPHY*  
Dutra, D., Poulin, R.  
2024
- **Revealing the drivers of parasite community assembly: using avian haemosporidians to model global dynamics of parasite species turnover** *ECOGRAPHY*  
Dutra, D., Pinheiro, R., Fecchio, A., Poulin, R.  
2023; 2023 (5)