

# Stanford

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## Stephanie Nicole Caty

Ph.D. Student in Biology, admitted Autumn 2018

### Publications

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#### PUBLICATIONS

- **Molecular physiology of chemical defenses in a poison frog.** *The Journal of experimental biology*  
Caty, S. N., Alvarez-Buylla, A., Byrd, G. D., Vidoudez, C., Roland, A. B., Tapia, E. E., Budnik, B., Trauger, S. A., Coloma, L. A., O'Connell, L. A.  
2019
- **Machine-learned epidemiology: real-time detection of foodborne illness at scale** *NPJ DIGITAL MEDICINE*  
Sadilek, A., Caty, S., DiPrete, L., Mansour, R., Schenk, T., Bergholdt, M., Jha, A., Ramaswami, P., Gabrilovich, E.  
2018; 1
- **Adapting global health aid in the face of climate change** *LANCET GLOBAL HEALTH*  
Gupta, V., Mason-Sharma, A., Caty, S. N., Kerry, V.  
2017; 5 (2): E133–E134
- **Radiation of the polymorphic Little Devil poison frog (*Oophaga sylvatica*) in Ecuador.** *Ecology and evolution*  
Roland, A. B., Santos, J. C., Carriker, B. C., Caty, S. N., Tapia, E. E., Coloma, L. A., O'Connell, L. A.  
2017; 7 (22): 9750–62
- **Response to Heethoff, Norton, and Rasputnig: Ant and Mite Diversity Drives Toxin Variation in the Little Devil Poison Frog and Erratum** *JOURNAL OF CHEMICAL ECOLOGY*  
McGugan, J. R., Byrd, G. D., Roland, A. B., Caty, S. N., Kabir, N., Tapia, E. E., Trauger, S. A., Coloma, L. A., O'Connell, L. A.  
2016; 42 (8): 845–48
- **Ant and Mite Diversity Drives Toxin Variation in the Little Devil Poison Frog** *JOURNAL OF CHEMICAL ECOLOGY*  
McGugan, J. R., Byrd, G. D., Roland, A. B., Caty, S. N., Kabir, N., Tapia, E. E., Trauger, S. A., Coloma, L. A., O'Connell, L. A.  
2016; 42 (6): 537–51