"What Doesn't Kill You....Adaptive Responses to Environmental Change"

The world is a rapidly changing place. It is important to understand how species are impacted if we are to predict and manage consequences of environmental perturbations. I will present research from three systems to explore this issue. I will reveal how native lizards have altered their behavior and morphology to adapt to invasive predatory and toxic fire ants. I will explore the impacts of road noise on wood frogs, and how city-frogs are dealing with this disturbance. Finally, I will share how some native frogs are having to alter their calls to be heard over the noisy croak of invasive Cuban treefrogs. Together, these results reveal that native species are able to adapt to a changing environment, but caution that these strategies may come at a cost.