**Project title**: Quantifying natural variation in egg hormones in *Lampropholis delicata* and *Lampropholis guichenoti*

**Background**: The Noble lab is currently interested in how exposure to hormones during development affects lizards throughout their lifetime. Specifically, we are studying how exposure to the stress hormone corticosterone (CORT) affects development, physiology, behaviour, and other traits. We currently do not know: 1) the natural levels of CORT in lizard eggs, 2) the variation in the amount of CORT between eggs.

**Project goals:** Collect egg yolks from 10 clutches of *delicata* and 10 clutches of *guichenoti* to quantify natural levels of CORT. We will use solid phase extraction to extract the steroid hormones from egg yolks and enzyme immunoassays (EIAs) to quantify CORT levels.