



# GEM3

Genes by Environment  
Modeling · Mechanisms · Mapping

**Module Name:** Squirrel Energy Budgets

**Institution:** Boise State University

**Principle Investigator(s):** Jen Forbey, [jenniferforbey@boisestate.edu](mailto:jenniferforbey@boisestate.edu)

**Summary:**

In this module, students will catalogue and observe behavioral foraging patterns in squirrels using a key-logging program (BORIS).

*This module has been used in BSU's Animal Physiology & Nutrition (ZOOL 409) course.*

**Contents:**

- Guide: *BORIS User Manual*
- BORIS Training Project File (BORIS file)
- BORIS Squirrel Training File (BORIS file)
- Video: BORIS Training Video 1
- Video: BORIS Training Video 1
- Lab: Energy Budgets
- Lab Supply List
- Folder: Squirrel Videos  
This folder contains squirrel foraging videos

**Notes:**

- This module is simple to implement remotely. Students will need to download free BORIS software.
- Graduate students are available to assist in teaching this lab remotely. Depending on travel and availability, they may be able to teach in person.

**Questions?** Contact the PI or the GEM3 PUI Liaison, Stephanie Sevigny, [stephanieseigny@boisestate.edu](mailto:stephanieseigny@boisestate.edu)

*Last Updated: 08/10/2020*