

Permit 2025-003

Name:

Jackson Mendillo

Department or Organization:

Biology

Email Address:

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Are you requesting renewal of a previously approved permit applicaton?

No

Type of activities at The University of Akron Field Station and Bath Nature Preserve

Research

Date/Dates requested:

May-November 2025

Number of people in group:

3

I am requesting permission to use a Research Area.

Yes

I am requesting permission to use a Sensitive Area.

No

I am requesting permission to use areas outside of the designated Research or Sensitive Areas.

Yes

I would like to use the Martin Center for Field Studies and Environmental Education for this prop...

No

Will the activity involve destructive sampling/collecting?

Yes

Which Research Areas?

18 Acres

Beefy's Woods

Garden Pond

Grandview Alley

Round Top

South Woods

Which areas outside of the designated Research or Sensitive Areas?

Public Access areas of Bath Nature Preserve

Steiner's Woods

Panzner Wetlands

Please explain how the material will be collected (including equipment), and an estimate of how m...

Adult Argiope spiders will be collected in waves, approximately 20 per wave, 40-60 spiders total, and some will be returned.

Provide a brief description of (1) your proposed activities, (2) goals, and (3) impacts of your u...

A study will be done looking at non-target effects of glyphosate on the silk of spiders. Spiders will be exposed to the herbicide in the lab, so nothing will be sprayed in the nature preserve. The goal is to understand if there are non-target effects of herbicides on spiders and their ability to produce silk. The amount of spiders collected will likely not have an overall effect on population levels.

By checking this box, I agree to the above terms and state that all of the above information is c...

I agree