

## BSWP Student Research Awardees Archive

### The 2022 Awardees

**Jack Hatajik** (University of Pittsburgh): "Mapping the population dynamics of the invasive *Alliaria petiolata* (garlic mustard) in response to climate"

**Olivia Holley** (Penn State Behrend): "Soil composition varies with presence of *Celastrus orbiculatus*"

**Isiah Kratzner** (West Virginia University): "Quantifying genetic diversity in a sensitive Appalachian herb, smooth rock skullcap (*Scutellaria saxatilis*: Lamiaceae)"

2022 Awardees Jack Hatajik (University of Pittsburgh) and Olivia Holley (Penn State Behrend) gave short presentations on their research at the May 8 meeting.

Awardee Jack Hatajik presented a poster on his BSWP-funded work at the Botany 22 Conference held in Anchorage, Alaska.

### The 2023 Awardees

**Jacqueline Baker** (Penn State University): "Documenting a new taxon *Allium burdickii* in western Pennsylvania: habitat and herbarium studies"

**Megan Gauger** (University of Pittsburgh): "Weather-induced flower closure in spring ephemeral forest wildflowers and its effect on pollen viability"

**Christopher Perrone** (University of Pittsburgh): "Determining the effects of a changing climate on phenology of a diecious Species: *Lindera benzoin*"

**Gillian Revenis** (Chatham University): "Are exclosures really doing any good? Exploring native plant regeneration and abundance in a severely invaded suburban fringe forest plagued by white-tailed deer and non-native plant invaders"

2023 student awardee Megan Gauger (University of Pittsburgh) presented her research at the June 10, 2024 BSWP meeting in a presentation title "Weather-induced Flower Closure in Spring Ephemeral Forest Wildflowers." She showed us captivating time lapse images of spring ephemeral flowers opening and closing and connected these movements with temperature, time of day, and weather data.