



# Capstone Celebration Day's

## Friday, May 3, 2024



**Poster Session 9:00 – 11:00**

### **SUS 496 Sustainability Capstone- JWSC Bobcat**

Shelter Dog to Therapy Dog

**Bethany Fulton**

The Importance of Outreach for Nonprofit Organizations

**Jeremy Patnode**

Tri-Lakes Humane Society Pollinator Garden Design

**Jewel Behe & Nick Guido**

Tails and Trails: Hiking with Dogs

**Benjamin White & Austin Skinner**

Nonprofit Planning for Sustainability

**Ethan Hayes**

Memorial Garden Design for Tri-Lakes Humane Society

**Ashley Finch, Mason Tucker & Samantha Wheaton**

Renovating Spoke 'N Board

**Benjamin Waalberg & Tyler Vogle**

Time Outdoors: Services Animals and PTSD

**Madison Reardon**

Land Management Plan for Tri-Lakes Humane Society

**Michael Stiber, Caleb Smith & Jake Anderson**

### **BAK 462 Baking Capstone- JWSC Bobcat**

Nightcrawlers

**Angelina Hahl**

Sugar on Snow

**Brenna LaDuc**

Plants and Pastries

**Keeley VanValkenburgh**

### **FWS 470 Wildlife Management–JWSC Pine Room**

Management Plan for the American kestrel (*Falco sparverius*) in New York State

**Bryon Carroll**

Management Plan for the Fragmented Northern Populations of Copperbelly Water Snakes (*Nerodia erythogaster neglecta*) in Indiana, Ohio, and Michigan

**Makenzie Dunlap**

Ten-year Management Plan for Snowy Owl (*Bubo scandiacus*) in North America

**Stewart Ebbels**

Roseate Tern (*Sterna Dougallii dougallii*) Management Plan for New York

**Kianna Hanson**

Management and Recovery Plan for the Northern Long-Eared Bat (*Myotis septentrionalis*) in the Adirondack Park

**Alan Heyneman**

Twenty – Five Year Management Plan for the Canada Lynx (*Lynx canadensis*) in New Hampshire

**Logan Krahan**

Fifty–Year Management Plan for Red Headed Woodpecker (*Melanerpes erythrocephalus*) in New York

**Daniel Laddison**

Yosemite Toad (*Anaxyrus canorus*) Management Plan for the Sierra Nevada, California

**Gabrielle Lamer**

Ten–Year Kit Fox (*Vulpes macrotis*) Management Plan

**Caden Lucas**

Fifty–Year American Marten (*Martes americana*) Management Plan for the Adirondack Park

**Connor Manell**

Management Plan for San Joaquin Kit Fox (*Vulpes macrotis mutica*) in the San Joaquin Valley, California

**Abigail Paro**

Fifty–Year Management Plan for Bank Swallows (*Riparia riparia*) in New England

**Asha Taber**

Fifty–Year Management Plan for the Golden Finch Texas: The Golden Cheeked Warbler, (*Denroica chrysoparia*)

**Trinity Thesier**

Management Plan for Northern Long – Eard Bats (*Myotis spetentrionalis*) in New York

**Jacqueline Torrez**

**SCI 495 Group Science Capstone- JWSC Pine Room**

Using Culvert Assessments to Identify Habitat Connectivity Within Saranac Lake, NY

**Madison Franco & Samantha Severing**

Enhancing Restoration Projects in Saranac Lake, NY with Community Outreach Innovations

**Carson Wohlers**

Riparian Restoration in the Urban Core of Saranac Lake, NY

**Rhoda Peterson & Alexis McDonald**

Carbon Sequestration Modeling on a Sub-Watershed Scale in Saranac Lake, NY

**Wesley Burkit**

Assessing Soil Conductivity Along an Urban Riparian Corridor in Saranac Lake, NY

**Nolie Thompson**

Riparian Restoration with a View From Nori's in Saranac Lake, NY

**Gavin Sessions**

**FWS 462 Fisheries Science & Management – JWSC Pine Room**

Evaluating Relationships between Population Metrics of Walleye (*Sander vitreus*) and system size

**Hunter Dellow**

## Presentations 8:30 – 4:30

### MGT 495 Management Capstone–JWAL Adirondack Room

- 8:30 AM Behind the Blue Tape: What it Takes to Plan a Student Life and Wellness Event  
**Ana Candelli**
- 8:50 AM The Standards and Operating Systems for the Front of the House of the A.P. Smith’s Bakery  
**Amy Coddington – Burnett**
- 9:10 AM Lake Placid Football Club (LPFC)  
**Noel Diaz**
- 9:30 AM Every Beer is a Story: Brand Management at Hex & Hop  
**Ariah Mithcell**
- 9:50 AM From Lake Placid to Saranac Lake: Bike Race Simulation  
**Dermot O’Connor**
- 10:10 AM Improving Student Engagement and Satisfaction in PSC’S Weight Room  
**Agus Putrawan & Marvis Nosa**
- 10:30 AM The Economic Impacts of Youth Sports Events on a Local Community: The Case of Lake Placid/ Saranac Lake  
**Tim Romero**
- 10:50 AM Shaping a Greener Future: Carbon–Neutral Shipping in Small Business Operations  
**Dalton Tenorio**

### PSY 460 Social Sciences/Psychology Capstone – JWAL Adirondack Room

- 11:15 AM Identity and Community at Paul Smith’s College: A Socio-psychological Analysis of the Transfer Student Experience  
**Lauren Miller**
- 11:35 AM Curating Significance in Museum Education: Who is the New York State Museum for?  
**Katherine Hemsley**

### NRS 495 Integrated Natural Resources Disaster Management – JWAL Adirondack Room

- 12:00 PM Disaster Management Planning for Paul Smith’s College  
**Travis Decker & Abigail Alex**
- 12:30 PM Developing a Tactical Environment for Experiential Learning of Disaster Management Competencies  
**Dawson Dunn, Alison Russell & Austin Polaske**

### FOR 495 Forestry Experience Capstone – JWAL Adirondack Room

- 1:00 PM Business Plan, ForestHER LLC  
**Nichole Demastrie**
- 1:30 PM Relationship of Crown Vigor and Sap Production in Sugar Maple  
**Cory Haynes**
- 2:00PM 100-Years of Tree Ring and Climate Change in an Old Growth Forest  
**Emily Cieslewitz**
- 2:30 PM Aboriginal Forestry Practices and Their Influence on Modern Forestry  
**Courtney Berscheid, Noah Hogan & David Smith**

- 3:00 PM Establishing a Marteloscope for Paul Smith's College  
**Ethan Alexander, Syd Krompasky & Garrett Marshall**
- 3:30PM Efficiency of Different Forest Inventory Techniques  
**Ian Montgomery–Gehrt**
- 4:00PM Cut-to-Length: Cost Analysis of new vs. used equipment  
**Madison Bently**

**FWS 470 Wildlife Management – Freer Auditorium**

- 12:00 PM Analysis of Red Squirrel (*Tamiasciurus hudsonicus*) Home Ranges Within Mixed Forests  
**Justin Perry**
- 12:20 PM Optimizing Growth: A Case Study on Personalized Nutrition Coaching for Muscle Gain in a College Student  
**Aurora Gallagher**
- 12:40 PM Assessment of the Impact of UV Radiation on the Detectability of (*Sciurus carolinensis*) DNA via qPCR assay with time  
**Henry Crocker**
- 1:00 PM Zoonotic Diseases of Family Sciuridae: Education on Human – Squirrel Interaction and its Health Risks  
**Bridget Fajvan**
- 1:20 PM The American Red Squirrel (*Tamiasciurus hudsonicus*): A Brief Study on Midden Composition Relating to Tree Species  
**Dolcie Tanguay**

**SCI 495 Group Science Capstone – Freer Auditorium**

- 1:45 PM A Riparian Restoration, Community Agriculture, and Climate Resiliency Plan for Saranac Lake, NY  
**Andrew Ashe, Nate Boughton, Wesley Burkit, Bailie Charette, Madison Franco, Hayleigh Gates, Emma Gniewek, Cass Kansak, Liam Kennedy, Alexis McDonald, Aidan Oberle, Rhoda Peterson, Gavin Sessions, Smantha Severing, Nolie Thompson, Carson Wohler & Katherine Wolfenson**
- 3:00 PM Road Salt Effects on Saranac Lake Drinking Water Wells  
**Morgan Hilliard**