

Trevor G. Walker
1162 Broadway Street
Claremont, NC 28610
(828) 468-1257
tgwalke2@ncsu.edu

EDUCATION

Austin Peay State University: Clarksville, Tennessee

Master's in Biology: Correlations Between Bat Species and EPT Insect Biomass

Projected Graduation: May 2022

GPA: 3.5

North Carolina State University: Raleigh, North Carolina

Bachelor's Degree, Fisheries, Wildlife, and Conservation Biology: Wildlife Concentration

Graduated: July 2019

GPA: 3.3

Haywood Community College: Clyde, North Carolina

Associate in Applied Science, Fish and Wildlife Management Technology

Graduated: May 2017

GPA: 3.6

Bandys High School: Claremont, North Carolina

High School Diploma- Graduated Magna Cum Laude

Graduated: June 2015

GPA: 4.3

WORK EXPERIENCE & INTERNSHIPS

Austin Peay State University Teacher's Assistant

August 2020- Present

Austin Peay State University: Clarksville, TN

Supervisor: Catherine Haase

- Classes Taught: Ornithology, Biology II, Mammology, Intro to Biology
- Personally responsible for the teaching and setting up of class labs
- Responsible for the upkeep and organization of grading undergraduate student papers
- Personally managed class projects of bird mapping data and generated heat and spot maps using R coding
- Trained and verified others in Ephemeroptera, Plecoptera, and Trichoptera insect identification
- Managed undergraduate insect technicians for time entry, insect identification, and data entry

USDA APHIS Wildlife Technician

November 2019-April 2020

South Carolina USDA: Columbia, SC

Supervisor: Jim Edens

- Personally responsible for all wildlife contracts with Duke Energy across SC and managed deterring, trapping, and lethal wildlife removal on all Duke properties
- Constructed and placed, maintained, monitored, and removed vulture traps on Duke owned and private properties
- Placed, monitored, and removed pigeon traps on Duke owned properties
- Placed beaver traps of many kinds on private lands to remove damaging wildlife

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- Lethally removed pest wildlife species with firearms and traps
- Stored, cleaned, and maintained all firearms used in removal and safely transported weapons to and from job sites
- Placed vulture effigies as deterrents across the state
- Cleaned all highway and state bridges across the state of bird nests to maintain and prevent unlawful construction violating Migratory Bird Treaty Act
- Constructed, Monitored, and aided in wild hog removal on state and private owned properties
- Operated and maintained federally owned vehicles, ATV's, and boats
- Hand built and repaired lethal snare traps

NCWRC Summer Bat Monitoring Intern

May 2019-August 2019

North Carolina Wildlife Resources Commission: Asheville, NC

Supervisor: Katherine Caldwell Etchison

- Performed mist net surveys across the Blue Ridge Mountains
- Set-up and removal of mist nets
- Bat data collected (fur samples, RFA measurements, sexing, aging, mass, and wing scores)
- Decontamination of gear to prevent spreads of White-Nose Syndrome
- Aided in the Southeastern Bat Blitz hosted in N.C.

Loggerhead Sea Turtle Technician

May 2018-August 2018

South Carolina Department of Natural Resources: Tom Yawkey Wildlife Center, SC

Supervisor: Charlotte Hope

- Patrolled two beaches and monitored turtle activity/nests
- Installed cage nest protectors to minimize nest predation
- Collected genetic samples (Shells/yolks) for lab research/ Carapace measurements
- Inventoried emerged nests (Hand count of emerged shells)
- Entered turtle nest data into SeaTurtle.org
- Conducted night patrols and collected data on laying adult females

Bat Capture Technician

May 2017-August 2017

Apogee Environmental & Archeological, INC.: Charleston, WV

Supervisor: Grant Maltba

- Set-up and removal of bat mist nets
- Removed bats out of mist nets and identified the species
- Collected and entered data (RFA measurement, sexing, ageing, reproductive condition, mass, and wing scores)
- Exposure to tagging multiple species of bats with transmitters, including Indiana bats
- Conducted radio telemetry tracking flight patterns and finding roost trees by tracking tagged bats

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Species Seen and Handled:

<i>Myotis sodalis</i> (Indiana Bat)-Endangered	<i>Corynorhinus rafinesquii</i> (Rafinesque Big-eared Bat)
<i>Eptesicus fuscus</i> (Big Brown Bat)	<i>Myotis leibii</i> (Eastern Small-footed Bat)
<i>Lasiurus borealis</i> (Eastern Red Bat)	<i>Lasiurus cinereus</i> (Hoary Bat)
<i>Perimyotis subflavus</i> (Tri-colored Bat)	<i>Myotis grisescens</i> (Gray Bat)- Endangered
<i>Nycticeius humeralis</i> (Evening Bat)	<i>Lasiurus seminolus</i> (Seminole Bat)
<i>Myotis lucifugus</i> (Little Brown Bat)	<i>Myotis austroriparius</i> (Southeastern myotis)
<i>Lasionycteris noctivagans</i> (Silver-haired Bat)	
<i>Corynorhinus townsendii</i> (Virginia Big-eared Bat)-Endangered	

Organ Donor Body Transfer Driver

January 2012-Present

Carolina Donor Supply: Greensboro, North Carolina

Supervisor: Melvin Dagenhardt

- Picked up and transferred deceased organ donors from hospital to Donor Supply Agency
- Picked up and transferred processed deceased from Donor Supply Agency to Funeral Home

Box Turtle Connection Project Internship

September 2017- May 2018

North Carolina Wildlife Resources Commission: Raleigh, North Carolina

Supervisor: Sydney Brown

- Tracked GPS marked turtles and record data for each individual
- Performed grid surveys to locate new and scute marked turtles

Tom Yawkey Volunteer Internship

March 2015

Tom Yawkey Wildlife Center: Georgetown, South Carolina

Supervisor: Jamie Dozier

- Built and Installed Rice Trunks to control water flow for coastal plant management
- Cleaned and maintained metal shop equipment
- Conducted inventories of local flora and fauna

VOLUNTEER WORK EXPERIENCE

North Carolina Highlands Biological Research Station

Attended a two week course in Mayfly, Stonefly, Caddisfly species in the southeast

Collected and identified insect species down to Genus

and was verified by Dr. John Morse

July 2021-August 2021

Lake Norman State Park Bio-Blitz

Performed active grid search surveys and inventoried all flora and fauna located within the park

September 2018

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North Carolina State Parks

Set up Harp Traps and captured, removed, identified bats for site fidelity
research project of Big Brown Bats at Harris Lake County Park September 2018
Assisted NC Parks in surveying for Hellbenders and participated in capture,
tagging and release of individuals July 2018

North Carolina State University: Aldo Leopold Wildlife Club

Hosted North Carolina State Wild Foods Supper; cooked multiple
wildlife dishes February 2018
Collected data of Wood Duck Box Use and Reproduction March 2018-March 2019
-Checked individual wood duck nesting boxes and recorded data on a weekly basis (eggs
present, number of eggs, eggs hatched, predator signs, wood ducks present, etc.)

Carolina Beach State Park Bio-Blitz

Performed active searches in groups and documented
all flora and fauna located in park October 2017

Southern Appalachian Raptor Research

Big Bald Mist Netting/Bird Banding/Raptor Trapping Sept.-Oct. 2016
-Deployed mist nets
-Removed and identified songbirds from mist nets and then transported for banding
-Banded songbirds for entry in database
-Monitored Hawk activity and operated hawk bow nets to capture hawks

Cherokee Tribe

Cherokee, Swain County Native American Plant Propagation Center June 2016
-Operated mechanical soil sifter and made correct soil mixtures for native plant propagation
-Filled plant trays with soil to be used for plant propagation and transport

Georgia Department of Natural Resources

Clarke's Hill Management Area, GA June 2016
-Setting Duck Traps
-Hog proofing duck trap areas
-Cleared areas of plant life to appear more attractive to target duck species
Di-Lane Plantation (Bobwhite Quail Plantation), GA June 2016
-Assisting in filling Bobwhite Quail feeders
-Observed Hog and Alligator activity

Little Tennessee Land Trust

Tennessee/ North Carolina Border: Rebuffering Riparian River Zones June 2016
-Planted treated limbs of trees along streamside to lower overall stream temperature for trout
management

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Nature Conservancy

Batcave, North Carolina: Hack and Squirt June 2016
-Used hack and squirt methods to remove invasive plant species i.e. kudzu from trail areas
-Trailside maintenance to clear walkways for guests

Monitoring Avian Productivity and Survivorship (MAPS)

Welch Farms, NC: Mist-netting and Banding Songbirds May 2016
Big Bald Mtn., NC: Performing Owl Call Back Surveys
and Capturing Northern Saw-Whet Nestlings May 2016

North Carolina Wildlife Resources Commission

Green Salamander Surveys- Searched rock cavities and took location data October 2018
Bog Turtle Survey- Performed cover board surveys and collected age data September 2018
Deer Processing Station: Fat Mike's Deer Processing, NC (Muzzleloader) November 2016
Canton, NC: Volunteer Teacher at Community Gathering Creek Information July 2016
Camp Hope, Canton, NC: Macroinvertebrate Creek Official Survey July 2016
Banded American Kestrel Nestlings: Sandy Mush Game Lands May 2016
Surveyed Eastern Spotted Skunk Populations in Western NC-
Set, moved, and picked up camera traps January 2016
Camera Trapping for Black Bear Population count: Carl Sandburg Home, NC Oct-Nov. 2015
Deer Processing Station: Fat Mike's Deer Processing, NC (Bow Season) November 2015

Haywood Community College

Hosted Haywood Community College Wild Game Dinner February 2017
Hosted Cradle of Forestry Competition, NC October 2016
Fish Shocking Survey: Swain County July 2016
Haywood Community College, NC: Fish Fest April 2016
Haywood Community College Hosting Wild Game Dinner February 2016
Hosted Cradle of Forestry Competition, NC October 2015
Big Sweep Creek Clean: Clyde, NC October 2015

STUDY ABROAD

North Carolina State University

March 2018

Nicaragua, South America

- Travelled Nicaraguan Mountains and performed bird count surveys
- Conducted tropical bird mist netting and banding
- Lead Bat Mist netting effort captured, handled, and identified tropical bat species
- Set Camera Traps and baited documenting and inventorying all captured mammals
- Set Sherman live traps and helped in small mammal trapping survey's across the country
- Conducted field grid surveys to search and capture Nicaraguan reptile species
- Stayed and learned at local Nicaraguan coffee farms and saw the traditional ways of growing shade-coffee
- Built and presented Nicaraguan Bat presentation to educate other travelers

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PRESENTATIONS & WORKSHOPS

Tennessee Academy of Sciences

November 2021

- Presented Thesis poster: Effects of Aquatic Insect Abundance on Bat Species Diversity at TAS 2021 Conference

APSU Radio Telemetry and Small Mammal Trapping Workshop

October 2021

- Personally taught radio telemetry to multiple student groups during workshop
- Set up and designed ways for students to work out in the field for seek and find and triangulation methods using radio telemetry

GRIFOLS Plasma Supply

October 2018

- Designed bat education outreach for both youth and faculty for environmental camps sponsored by the company

PROFESSIONAL INVOLVEMENT & MEMBERSHIP

Austin Peay State University: The Wildlife Society

August 2020-Current

- Secretary

- Contacted and organized club activities
- Organized and lead Quizbowl team meetings
- Publicized events and sent out club info to members

N.C. State Aldo Leopold Wildlife Club

August 2018- May 2019

-Vice President

- Contacted and organized club speakers and activities
- Organized and lead Quizbowl team meetings
- Ordered and served food for each meeting
- Responsible for the organization, registration, and training of Conclave competitors

NC State Herpetology Club

August 2017-May 2019

Phi Theta Kappa Honor's Society

2016- 2019

North Carolina State Beekeepers Association

2013 – Present

The Wildlife Society

- Attended the North Carolina State Chapter Meeting February, 2017
- Attended Annual The Wildlife Society Conference in Raleigh, NC-

Listened to presentations of nationwide studies going on for that year October 2016

HCC Archery Club

- President

August 2015-May 2017

- Organized club activities and competitions
- Organized archery range blueprints and collected targets

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- Met with school administrators to get safety clearance for archery field
 - Created campus Archery range
 - Collected sponsors for events and collected donations
 - Appointed safety officers and organized shooting competitions
- HCC Student Chapter of The Wildlife Society 2015 - 2017
 HCC Forestry Club 2015 - 2017
 HCC Woodsmen's Team/Timbersports 2015 - 2017
- Competed in Log Roll, Archery, and Water Boil Events
 - Responsible for the cutting of firewood for sale for team fundraisers
 - Met with public customers to deliver firewood
- Future Farmers of America- Bandys Student Chapter 2012 -2017
 National Beta Club 2012 - 2015
 4H NC Horse Club 2011 - 2012

IMMUNIZATIONS

3-series Pre-exposure Rabies Vaccination Administered: March 2018

CERTIFICATIONS

Society of Freshwater Science Ephemeroptera, Plecoptera, Trichoptera
 East Genus Certification July 2021- Exp. July 2026
 NWCG S-110 Basic Wildland Fire Orientation November 2016
 NWCG S-190 Introduction to Wildland Fire Behavior November 2016
 NWCG S-130 Firefighter Training November 2016
 NWCG L-180 Human Factors in the Wildland Fire Service
 FEMA National Fire Academy I-100 November 2016
 Introduction to ICS for Operational First Responders November 2016
 NWCG S-120 Chainsaw Operation May 2017

AWARDS

TN Academy of Science: Ecology and Environmental Student Poster: 3rd Place November 2021
 Louisiana State University Southeastern Conclave: Radio Telemetry 1st Place April 2018
 Department of Forestry/Environmental Resources Study Abroad Scholarship December 2017
 College of Natural Resources Study Abroad Scholarship December 2017
 Dave Dudek Wildlife Award Oct. 2016
 Pop & Marge Kelly Scholarship, Haywood Community College May 2016
 Eastern Kentucky University Southeastern Conclave: Painting 2nd Place April 2016
 Bandys High School: Magna Cum Laude Graduation Award June 2015
 SAE Specialization: Beekeeping June 2015
 Team Before Self Football Award December 2014

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OPERATIONAL SKILLS

- Four Wheel-Drive Vehicles
- ATV Operation
- Small Boats
- Chainsaw
- Drive manual vehicle w/ clutch
- Small Backhoe Operation
- Basic Tractor Operation
- Ability to work Radio Telemetry Equipment
- Cast Net Throwing

INTERESTS/HOBBIES

- Hunting/Fishing
- Camping/Hiking
- Boating
- Beekeeping
- Chicken Farming
- Horseback Riding
- Fly fishing
- Kayaking/ Paddleboarding
- Painting/ Drawing
- Wildlife Photography

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REFERENCES

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