

**Name:** Harris, Casey

**Address:** 5201 NW 4th Pl, Gainesville, FL, 32607

**Email:** casharr25@gmail.com

**Board Name:** Land Conservation Board

**Primary Phone:**

262-844-5017

**Please list any civic and professional accomplishments/honors, training or experience related to this appointment::**

I have worked in Florida water resources for approximately 10 years, with a PhD in Soil, Water, and Ecosystems Science, MS in Ecology, and BS in Botany. I lived in Melrose for 5 years and now in Gainesville for another 5 years and have developed an appreciation for conservation in this region and a desire to contribute.

**Please list any current/previous Advisory Board appointments:**

None

**What Contributions do you feel you could make if you were selected to this board?:**

My experience with Florida water quality and ecology may help evaluate lands for conservation.

**Please Agree with the following statements:**

**I understand this application is the property of Alachua County and subject to public records laws. I hereby certify that the statements made on this application are true and correct. I understand that Appointees to advisory board/committees are required to attend scheduled meetings as specified in the "Guidelines for Citizen Advisory Boards and Committees". I understand that some boards and committees require Financial Disclosure (Chapter 112, Florida Statutes) and I am willing to file if required. I affirm that my personal and business (if applicable) affairs within Alachua County are in substantial compliance with all county regulatory and taxing authorities rules and regulations?:**

Yes

**Employer :**

None

**Occupation:**

None

**Are you currently serving, or have you ever served, on an Alachua County advisory board? :**

No

**I do hereby attest that, to the best of my knowledge and belief:**

- 1. I have maintained good moral character throughout my personal and professional life.**
- 2. I have not engaged in any conduct or behavior that would reflect adversely on my honesty, integrity, or ethical standards.**
- 3. I have not been convicted of any felony or misdemeanor involving dishonesty, fraud, or moral turpitude.**
- 4. I have adhered to all applicable laws and regulations in my personal and professional dealings.**
- 5. I strive to uphold the principles of fairness, respect, and responsibility in all my interactions.:**

Yes

**Time of Submission:** 10/03/25 12:24:34 PM

**Attachments**

- Casey Harris 2025-10-03 LCB.pdf

## Casey Harris

casharr25@gmail.com | 262-844-5017 | Gainesville, FL 32607

### Summary

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- Environmental scientist with a focus on water resources and related landscape/climate connections
- 10 years of experience in Florida water resources, including research and public service

### Employment

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**Urban Ecosystem Ecology Lab**, University of Florida Gainesville, FL  
Graduate research assistant Aug. 2020–Aug. 2025

- Examined historic water quality and estimated future water quality in freshwater rivers used for drinking water supply in the Tampa Bay region. Developed statistical models and prepared visuals/reports.

**St. Johns River Water Management District** Palatka, FL  
Environmental scientist in Aquatic Science Mar. 2017–Aug. 2020

- Field surveys, data analysis, and reports/presentations/maps on topics including reclaimed water and emerging contaminants, algal blooms and toxins, and land management impacts on watershed nutrient loading and water quality.

Environmental scientist in Minimum Flows and Levels Mar. 2015–Mar. 2017

- Designed and conducted field surveys to recommend minimum flows and levels for assigned waterbodies including springs. Technical publication preparation included using water quality and ecological data with long-term hydrologic records and hydrodynamic model output.  
<https://doi.org/10.7490/f1000research.1117457.1>

**Vellidis Research Group**, Crop and Soil Science, University of Georgia Tifton, GA  
Research professional May 2014–Feb. 2015

- Researched *Salmonella* in commercial fruit and vegetable farm environments. Developed protocols, coordinated with growers, collected samples, cultured bacteria, prepared reports and presentations.  
<https://doi.org/10.7490/f1000research.1117459.1>

Graduate research assistant May 2013–Apr. 2014  
May–Aug. 2012

- Studied *Salmonella* and *E. coli* transport in storm runoff from fields, forests, and streams into irrigation ponds. Explored connections between bacteria, nutrients, sediment, and watershed land use.  
<https://doi.org/10.7490/f1000research.1117458.1>

**Odum School of Ecology, University of Georgia**

- Teaching assistant for field/lab sections of an introductory ecology and environmental issues course.

Athens, GA  
Aug. 2011–Apr. 2012  
Aug. 2012–Apr. 2013

**PacFISH/InFISH Biological Opinion Monitoring Program**

Biological science technician, U.S. Forest Service

- Surveyed riparian vegetation and stream habitat metrics relevant to salmon conservation strategies on public lands with livestock grazing.

St. Regis, MT  
May–Aug. 2011  
May–Oct. 2009

**Southeast Coast Network Inventory and Monitoring**

Student Conservation Association intern, U.S. National Park Service

- Conducted reptile/amphibian and vegetation surveys throughout southeastern parks

<https://npshistory.com/publications/cong/nrds-2011-167.pdf>

St. Marys, GA  
Feb. 2010–Feb. 2011

**Education**

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**Soil, Water, and Ecosystem Sciences**, Ph.D., University of Florida (2025)

Dissertation: *Then and now, now and later: Long-term water quality trends and future projections for the Hillsborough and Alafia rivers*

<https://www.proquest.com/docview/3258882888>

**Ecology**, M.S., University of Georgia (2014)

Thesis: *Impacts of storm-driven surface runoff and landscape characteristics on Salmonella in farm irrigation ponds in south Georgia, USA*

<https://openscholar.uga.edu/record/10670>

**Botany**, B.S., University of Wisconsin (2009)