

Application Form

Disclaimer

Under Florida law, all information, including e-mail, written letters, documents and phone messages, sent to the Alachua County Board of County Commissioners are subject to Public Records law. This includes the sender's e-mail address, home address or phone number if shown in the message, the content of the message and any associated attachments to the mail. If you are exempt from aspects of the public records law pursuant to F.S. 119.071, contact the advisory board coordinator at 352-264-6906 prior to submission of this form.

Please Agree with the Following Statement

I have read the disclaimer above and understand my application is subject to Florida's Public Records Law.

I Agree

Profile

Geena

First Name

M

Middle Initial

Hill

Last Name

1711 NW 39 Dr

Home Address

Suite or Apt

Gainesville

City

FL

State

32605

Postal Code

geena.hill4@gmail.com

Email Address

Home: (814) 504-0862

Primary Phone

Alternate Phone

Florida Natural Areas Inventory

Employer

Natural Heritage Scientist

Occupation

Education:

Master of Science (University of Florida, 2019); Bachelor of Science (Kent State University, 2012)

Professional Organizations:

Florida Natural Areas Inventory, Florida Wildflower Foundation, Florida Native Plant Society

Which Boards would you like to apply for?

Land Conservation Board: Submitted

What position(s) are you applying for?

Natural Resource Professional

Interests & Experiences

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

Yes No

If yes, please list board(s):

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

Florida Forever site evaluations, managing a monitoring program of Board of Trustee less-than-fee interests in the form of conservation easements, establishment of Bee City USA in collaboration with the City of Gainesville, wetland mitigation training, volunteering for creek cleanups and invasive plant removal with the City of Gainesville

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

Ecological site assessments, collaboration with landowners, partners, and various agencies, and provide scientific resources for land conservation and management

[GMHill_CV_10.25.22.pdf](#)

Upload a Resume

Demographics

Some boards and commissions require membership to be racially, politically or geographically proportionate to the general public. The following information helps track our recruitment and diversity efforts.

Ethnicity

Caucasian/Non-Hispanic

Gender

Female

04/04/1989

Date of Birth

Are you over the age of 60? (Required for some boards)

Yes No

Are you a resident of Alachua County?

Yes No

Geena M Hill

If you are an Alachua County resident, how long have you lived in the county?

10 years

Supplemental Questions

Some of the boards and committees appointed by the County Commission are required to comply with Chapter 112, Florida Statutes, the Financial Disclosure Law. If applicable, would you be willing to file the required financial statement?

Yes No

Do you affirm that your personal and business (if applicable) affairs within Alachua County are in substantial compliance with all county regulatory and taxing authorities rules and regulations?

Yes No

Please Agree with the Following Statement

Appointees to advisory board/committees are required to attend scheduled meetings as specified in the "Guidelines for Citizen Advisory Boards and Committees".

I Agree

Please Agree with the Following Statement

I understand that this completed application is the property of Alachua County and I hereby certify that the statements made on this application are true and correct.

I Agree

GEENA M. HILL

CONTACT

geena.hill4@gmail.com
814.504.0862

Experienced in project management, endangered species research, wetland mitigation bank and compliance monitoring, completing habitat assessments under agency regulations, environmental resource permitting, gopher tortoise surveys, proposal and budget development, and interagency coordination.

EDUCATION

M.S.,

University of Florida | 2019
Interdisciplinary Ecology;
Wildlife Ecology &
Conservation

B.S.,

Kent State University | 2012
Archaeology;
Biological Anthropology

PROFESSIONAL EXPERIENCE

Research Biologist | Nov 2020 - present

Florida Natural Areas Inventory
Gainesville/Tallahassee, FL

- Coordinating various state and federal projects and ensuring effective interagency communication regarding project goals. Projects include:
 - Managing a monitoring program for 133 BOT conservation easements and conducting Florida Forever site evaluations.
 - Developing a standard for monitoring invasive plants on state park lands.
 - Creating a set of reference sites for ecological communities as part of an EPA Wetland Program Development Grant.
- Providing a statewide perspective on invertebrate conservation priorities in Florida, including stakeholder collaboration, species rankings, data management, proposal development, and endangered species surveys.

COMPETENCY

Data Analysis:

R
SQL
ImageJ
Microsoft Excel

Mapping:

ArcPro
QGIS
Google Earth Pro

Website Design:

Wordpress
Squarespace

Photography/ Graphic Design:

Lightroom
PhotoShop
InDesign
Illustrator

North Florida Wildflower Liaison | January 2021 - present

Florida Wildflower Foundation
North Florida FDOT District 2 Counties

- Consultant for a nonprofit, which includes conducting outreach to local governments and the general public, providing expertise on native wildflowers and pollinators, developing a wildflower alliance in North FL, and creating conservation action plans within cities and counties.
- Working with FDOT and County Public Works to create county wildflower resolutions and implement wildflower management plans in rights-of-way.
- Establishing a Bee City USA committee with the City of Gainesville to create urban pollinator corridors.

Project Manager/ Environmental Scientist | Jun 2019 - Oct 2020

Environmental Consulting & Design
Gainesville, FL

- Project management of twelve wetland mitigation banks in Florida, including all environmental resource permitting, compliance, monitoring, report writing, land management, database oversight, budget development and tracking, and federal and state regulatory wetland agency correspondence.
- Conducted habitat assessments using UMAM and evaluated environmental impacts under industry and agency standards and regulations.
- Wrote and reviewed environmental resource permits and mitigation banking instruments in cooperation with clients and the Interagency Review Team.

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PROFESSIONAL EXPERIENCE CON'T

Project Coordinator | Sep 2014 - Jun 2019

Florida Museum of Natural History; Disney Conservation Fund

- Coordinated a large-scale grant through the Disney Conservation fund, where we identified several at-risk and endangered butterfly species and developed tailored conservation strategies using adaptive management planning.
- Oversaw butterfly conservation projects in partnership with NGOs and state and federal agencies in Florida and California, which included habitat restoration, captive breeding, and reintroduction programs.
- Experienced in conservation planning using Miradi software as part of the Open Standards for the Practice of Conservation.

Lab Manager | May 2013 - Dec 2016

Kawahara Lab, Florida Museum of Natural History

- Oversaw all research projects in the lab, wrote and coordinated NSF grants, led fieldwork trips in FL, AZ, and HI, and managed a team of volunteers to complete various projects focused on insect behavior and phylogenomics.
- Assisted with grant and manuscript writing, led digitization efforts in collections, and managed lab website and social media.
- Trained and mentored undergraduate students, accommodated visiting researchers, and represented the lab at conferences and workshops.

Workshop & Fundraiser Coordinator | Apr 2016 - Mar 2019

Florida Museum of Natural History

- Organized seven fundraisers for at-risk butterflies, raising over \$15K for the Florida Museum butterfly conservation fund.
- Coordinated three workshops through NSF grants in Hawaii, Ecuador, and Florida, which included all workshop design, budget, and travel logistics for international researchers.

GRANTS & AWARDS

YouTube Your Entomology Contest (2020) • North American Nature Photography Association College Summit Scholarship (2019) • University of Florida Office of Research Grant (2018) • Xerces Society for Invertebrate Conservation Joan Mosenthal Dewind Award (2018) • Thompson Institute for Earth Systems Grant (2018) • Florida Museum of Natural History Lockhart Fellowship Endowment (2018) • Florida Museum of Natural History Elegance of Science Photo Competition (2018) • Florida Museum of Natural History Travel Award (2017)

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PEER-REVIEWED PUBLICATIONS

Hill, G.M., Kawahara, A.Y., Daniels, J.C., Scheffers, B.R. (2021). Climate change and animal ecology: butterflies and moths as a case study. *Biological Reviews*.

Braatz, E.Y., Gezon, Z.J., Rossetti, K., Maynard, L.T., Bremer, J.S., **Hill, G.M.**, Streifel, M.A., Daniels, J.C. (2020). Bloom evenness modulates the influence of bloom abundance on insect community structure in suburban gardens. *PeerJ*.

Daniels, J.C., **Hill, G.M.**, Rossetti, K.A., Sanchez, S.J., Hornfeldt, J.A. (2020). At-risk butterfly captive propagation programs to enhance life history knowledge and effective ex situ conservation techniques. *Journal of Visualized Experiments*.

...**Hill, G.M.**...(48 authors total, listed alphabetically). (2017). LepNet: The Lepidoptera of North America Network. *Zootaxa Correspondence*.

Zhong, M., **Hill, G.M.**, Gomez, J.P., Plotkin, D., Barber, J.R., Kawahara, A.Y. (2016). Quantifying wing shape and size of saturniid moths with geometric morphometrics. *Journal of the Lepidopterists' Society*.

Barber, J.R., Leavell, B.C., Keener, A.L., Breinholt, J.W., Chadwell, B.A., McClure, B.A., **Hill, G.M.**, Kawahara, A.Y. (2015). Moth tails divert bat attack: Evolution of acoustic deflection. *Proceedings of the National Academy of Sciences, USA (PNAS)*.

SELECT PRESENTATIONS

Hill, G.M. 2021. Tracking the genetic health of the frosted elfin butterfly. Biodiversity Without Boundaries. (virtual)

Hill, G.M. 2019. Ecological dynamics of Lepidoptera in a changing world, with a focus on a critically endangered butterfly. SNRE Research Symposium. Gainesville, FL.

Hill, G.M., Lucky, A., Trager, M., Daniels, J. 2018. Uncovering the benefits of an ant-butterfly mutualism. Society for Integrative and Comparative Biology. Tampa, FL.

Hill, G.M., Lucky, A., Trager, M., Daniels, J. 2018. Community ecology of a myrmecophilous butterfly in the Florida Keys. Ecological Society of America. New Orleans, LA.

Daniels, J., Hill, G.M. 2017. At-risk butterfly planning in FL and CA. Invertebrates in Education and Conservation Conference. Tucson, AZ.

Hill, G.M., Huber, S. 2016. Digitization at the Museum. Entomological Collections Network. Orlando, FL.

Hill, G.M., Zhong, M. 2014. Geometric morphometrics as a framework for characterizing Lepidoptera. Lepidopterists' Society. Park City, UT.