Jeanelle Brisbane

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PROFESSIONAL INTEREST

I am a highly motivated, passion-driven Dominican wildlife ecologist striving to challenge myself academically and gain experience in research. I seek to educate the public in the importance of a healthy environment through outreach and research efforts while informing the public and private sectors on proper environmental practices.

EDUCATION

Imperial College London: Silwood Park, Ascot, UK **2017 – 2018**

- *MRes in Tropical Forest Ecology*

University of Florida, Gainesville, FL, USA **2013– 2016**

- *B.S. in Wildlife Ecology and Conservation*, GPA 4.0
- *Minors: Agricultural and Natural Resources Law, and International Studies in Agricultural and Life Sciences*

RESEARCH

(Advisor names underlined, title/description italicized)

- **Jeanelle Brisbane**, Charmaine Pedrozo, Christina Romagosa, Nichole Bishop, Ray Carthy, and Brian J. Smith. "*Environmental factors influencing the detection of frog species in three habitat types of Everglades National Park*," August 6-12, 2016. 101st Annual Conference of the Ecological Society of America, Fort Lauderdale, Florida. & October 15th-19th, 2016. 23rd Annual Conference of the Wildlife Society, Raleigh, North Carolina.
- Charmaine Pedrozo, **Jeanelle Brisbane**, Christina Romagosa, Nichole Bishop, Ray Carthy, and Brian J. Smith. "*Predicting patterns of native snake occurrence along Main Park Road in Everglades National Park, Florida*," August 6-12, 2016. 101st Annual Conference of the Ecological Society of America, Fort Lauderdale, Florida.
- John Hernandez Nopsa, Jorge Andrade-Piedra, Gregory A. Forbes, Peter Kromann, Si Lin Lei, **Jeanelle Brisbane**, and Karen A. Garrett. "*Multilayer networks supporting healthy seed systems for smallholder potato producers in Tungurahua, Ecuador*," July 30th-August 3rd. 29th Annual Conference of the American Phytopathological Society, Tampa, Florida
- Ravin Poudel, Lani Meyer, Ari Jumpponen, Megan Kennelly, Cary Rivard, Bryan Cordova, **J. Brisbane**, and Karen Garrett. "*Shift in the rhizobiome composition with new tomato rootstock systems*," July 30th-August 3rd. 29th Annual Conference of the American Phytopathological Society, Tampa, Florida

GRADUATE WORK

Assessing the effects of Hurricane Maria on Dominica's flora. Advisor: **Professor Jon Lloyd**: Department of Life Sciences, Imperial College London. Contact: jonathan.lloyd@imperial.ac.uk

Population assessment of the Mountain Chicken Frog (Leptodactylus fallax) post-Hurricane Maria. Collaborative Organisations: **Zoological Society of London, WildDominique, Forestry, Wildlife, and Parks Division - Dominica**

UNDERGRADUATE HONORS THESIS

Assessment of student knowledge and attitudes about wildlife in Dominica (in review for publication).
Advisors: **Dr Susan K. Jacobson** and **Dr Bill Pine**: Department of Wildlife Ecology and Conservation, UF.
Contact: jacobson@ufl.edu; billpine@ufl.edu

INTERNSHIPS

Summer Avian Field Assistant **April – June 2016**

Doris Duke Conservation Scholars Program – Florida Fish and Wildlife Conservation Commission (FWC)

- Participated in radio telemetry, boat, and trailer training of which a certificate was obtained from FWC
- Caught, measured, and banded Snail Kite nestlings near Lake Kissimmee (endangered in the state of Florida)
- Misnetted, measured, obtained blood samples, and photographed Seaside Sparrows along Florida's Gulf Coast

INTERNSHIPS cont'd

Summer Avian Field Assistant, *cont'd* **April – June 2016**

- Searched for, recorded, and monitored nests of Marsh Wrens in Big Talbot State Preserve
- Assisted with the creation and placement of transmitters on and radio tracking of Marsh Wren nestlings
- Aided in a radio telemetry project including morning vocal surveys on Osceola turkeys near Gainesville
- Participated in Jay Watch in Ocala National Forest – a citizen science program created to help estimate the population of Florida Scrub Jays of which I underwent training for
- Performed Florida Black Bear vegetation surveys in and around Camp Blanding, Starke, FL

Field Technician (voluntary) **Aug. 2012 – pres.**

Forestry, Wildlife and Parks Division, Roseau, Dominica (summer and winter breaks) .

- Iguana roadkill data collection
- Survey for invasive species when reported
- Mountain Chicken Frog Facility – cleaned cages, prepared live feed, recorded weight and behavioural data
- Captured, observed, swabbed for Chytridiomycosis infection, pit tagged, and recorded data on wild frogs
- Participate in and helped execute outreach events including school visits and invasive species awareness talks
- Create educational, informative brochures about the Mountain Chicken Frog Project
- Parrot Conservatory – cleaned cages, prepared food for the Jaco and Sisserou Parrots

Summer Field Assistant **May – July 2015**

Doris Duke Conservation Scholars Program – UF IFAS, USGS Volunteer, Everglades National Park, FL

- Field training with USFWS at the National Conservation Training Center, Shepherdstown, WV
- Costal and island ecology training at Seahorse Key Marine Lab with UF IFAS
- Drew and processed blood samples from pythons at the UF IFAS research center in Davie, FL
- Assisted with python surgery and maintenance of pythons in the lab facility
- Surveyed for pythons, native snakes, frogs, and tegus in the Everglades National Park
- Conducted individual research project based on frog calling surveys presented at the ESA 2016 conference

Lab Assistant **Sep. 2014 – Jan. 2016**

Alligator Research, James Nifong, Millhopper Campus, UF

- Cut, ground, sorted, and labeled vegetation, invertebrate, and gut content samples
- Rolled samples for isotopic analysis, cleaned vegetation samples, processed fish

OTHER EMPLOYMENT

Fish and Wildlife Technician **April – Aug. 2017**

Florida Fish and Wildlife Conservation Commission (FWC)

- Searched for, recorded, and monitored nests of Marsh Wrens and Seaside Sparrows along the Nassau Sound and Sawpit Creek in Jacksonville, Florida
- Made transmitter harnesses and radio tracked Marsh Wren fledglings for the duration of time on the project
- Conducted vegetation surveys on old Marsh Wren and Seaside Sparrow nests
- Organized and scheduled the day-to-day field operations based on tidal charts
- Operated and maintained two state agency boats
- Made iButtons that were appropriate for longevity in the salt marsh environment
- Entered, sorted, managed, and analysed data collected
- Trained summer interns to collect field data, process the data, engage in radio telemetry, and operate the boats

Lab Assistant, Plant Pathology Department, University of Florida **Oct. 2015 – Dec. 2016**

- Cross-reference scientific papers, expanded database of papers to generate manuscripts about given topics
- Sorted and cut root samples for DNA extraction, inputted data into Excel
- Performed DNA extraction on tomato root samples, conducted experimental tests on the resulting DNA
- Entered and analysed data on potato networking surveys conducted in Ecuador (surveys were in Spanish)
- Presented my work both lab related and outside research to my fellow colleagues during weekly meetings

AWARDS, PRESENTATIONS, RECOGNITIONS

Lead trainer – Spot the difference: *I. iguana* vs *I. delicatissima* – Port and Customs Personnel, Dominica	**2018**
Lead trainer – Spot the difference: *I. iguana* vs *I. delicatissima* – Forestry Division, Dominica	**2018**
Guest Speaker – Dominica: Building the Capacity for Resilience Fundraiser, London, UK	**2017**
Outstanding 4-year Scholars Award – UF Alumni Association	**2016**
Doris Lowe and Earl and Verna Lowe Scholarship	**2014 – 2016**
President's Honor Roll	**2013 – 2016**
Potential Future Professional in the Field Award (Wildlife Ecology and Conservation department)	**2016**
Undergraduate Research Award (Wildlife Ecology and Conservation department)	**2016**
WEC Academic Award for high GPA	**2016**
Anderson Scholars Award (University of Florida)	**2015**
Florida Chapter of the Wildlife Society Greater Everglades Student Memorial Scholarship	**2015**
UF SPC Public Speaking Annual Forum Competition – 2nd Place	**2015**
Canadian Governor General Bronze Medal (Valedictorian)	**2013**

STUDY ABROAD

Imperial College Tropical Forest Ecology in Malaysia – Field Techniques	**Jan. 2018**
UF in Madagascar – Biodiversity, Conservation, and Sustainability in a Developing Country	**June – July 2016**
UF Independent Honours Research in the Commonwealth of Dominica	**Aug. 2016**
UF in Belize – Wildlife Ecology and Conservation in the Tropics	**March 2015**

COMMUNITY SERVICE

Trash2Art Exhibition and Workshop – Founded by WildDominique **June– Sep. 2018**

- Uniting creativity and culture for a cause: turning trash into art to raise public awareness on pollution crisis

Dominica Beach Cleanup Initiative – Founded by WildDominique **Feb. 2018 – pres.**

- Monthly coastal cleanup in partnership with Recycle Rebuild, SALT, and the Fisheries Division

Kids in the Woods – US Forest Service **Nov. 2015 – Dec. 2016**

- 6th grade environmental education program at Westwood Middle School, Gainesville, FL

FWC Gopher Frog Project **Oct. 2015 – Dec. 2016**

Sigma Alpha Agricultural Awareness Outreach **Jan. 2014 – Dec. 2016**

- Promoting females and youth involvement in agricultural-related fields
- Educating community members about food production

Dudley Farm **March 2013 & 2016**

- Agricultural education field days at the historic farm with Sigma Alpha

Crystal Rivers Manatee Health Assessment - USFWS	**Feb. 2015**
Habitat for Humanity	**Nov. 2014**
Edible Plant Farm with Sigma Alpha – local community garden	**Sep. 2014**
The Great Invader City of Gainesville Air Potato Roundup	**Feb. 2013**

LEADERSHIP

Founder/Director, WildDominique	**2018**
President, UF SEEDS Chapter (co-founder)	**2016**
Treasurer, Sigma Alpha Professional Agricultural Sorority	**2015 – 2016**
Treasurer, UF Student Chapter of the Wildlife Society	**2015 – 2016**
Secretary, UF Student Chapter of the Wildlife Society	**2014 – 2015**
Recruit Co-Educator, Sigma Alpha Professional Agricultural Sorority	**2014 – 2015**

PROFESSIONAL MEMBERSHIPS

WildDominique – Dominica's conservation NGO	**2018**
UF/AAUS Scientific Diver	**2015 – pres.**
The Wildlife Society (State chapter and student chapter at UF)	**2014 – 2017**
Sigma Alpha Professional Agricultural Sorority	**2013 – pres.**
UF Alumni Association – Student member	**2016**

NATIONAL AWARDS

Doris Duke Conservation Scholars Program Collaborative	**2015 – 2016**

SKILLS

Emergency First Response First Aid Training	**Jan 2018**
BoatU.S. Foundation's Online Boating Safety Course	**April 2017**
FWC Radio Telemetry training	**May 2016**
FWC formal Trailer Operations training	**May 2016**
NAUI Advanced Scuba Diver	**Nov. 2015**
NAUI Nitrox Scuba Diver	**Nov. 2015**
NAUI Rescue Scuba Diver	**Nov. 2015**
GPS and PIT Tag training	**July 2013**