

KARINA M. CORTIJO - ROBLES

(787)-240-5321
karinacortijo08@gmail.com

Calle 613 242-16 Villa Carolina
Carolina, PR 00985

EDUCATION

- BS** University of Puerto Rico, Río Piedras Campus May 2022
First Concentration: Environmental Science
Second Concentration: Anthropology with an emphasis in Archaeology
GPA-3.75
- HS** University Gardens (HS specialized in sciences and mathematics) May 2017
GPA-3.66

WORK EXPERIENCE

Usher at the UPR Theater May 2021-July 2022
Supervisor: Rafael O. Chaves-Otero
As part of my job, I have developed client service and group work skills.

Assistant at Cannons Conservation Project August 2020-February 2021
Supervisor: Esteban Rosim-Fachini, Ph.D.
During this experience, I learned to manage large historical data sets and promote conservations practices in ancient cannons prevenient from Spanish-sixteenth century forts such as San Cristobal Fort, Puerto Rico.

Administrative Assistant of USDA NRCT Program December 2017-2018
Supervisor: Jess Zimmerman, Ph.D.
The USDA NRCT (Natural Resources Careers Track) program allows undergraduate students to learn about federal careers related to environmental sciences. As an administrative assistant, I organized the student activities, which consisted of workshops, excursions, and outreach experiences.

INTERNSHIPS

Research Experience for Undergraduates (REU) May 19-August 3, 2019
My research studied how climate change affects plant-soil feedback and whether extinct and present prairie species respond differently to warming soils at Michigan State University's W.K. Kellogg Biological Station.

Outreach Experience with Kindergarten students August 31-December 31, 2018
Bring lectures about environmental sciences and biology to kindergarten students at Antonio S. Pedreira Elementary School in San Juan, Puerto Rico.

NHEC Institute NY/NJ 2018 December 20, 2018
The National Hispanic Environmental Council (NHEC) Institutes are intensive, strongly science-based, conservation education and conservation career programs for college students. As a participant, I received USDA NRCS, and U.S EPA lectures about internship and employment in both agencies.

NHEC Institute New Mexico 2018

August 5-15, 2018

As a participant, I learned to collect data, do water quality measurements using macro-invertebrates and bird census. These data were analyzed and presented at the Forest Service regional offices in New Mexico.

Internship in El Yunque National Forest

July 2-August 3, 2018

This internship occurs after the impact of Hurricane Maria. I learned to do landslide surveys, invasive species control, and bird census.

PROFESSIONAL TALKS AND POSTERS

Cortijo-Robles, K.M. & Alwin, A. Diversity and skills development for fieldwork in undergraduate field research experiences. Ecological Society of America (ESA) Virtual Annual Meeting. August 2-6, 2021. *Contributed Talk*

Cortijo Robles, K.M. Análisis físico químico de una copia de la pintura "Virgen de Belén" de Alonso Cano. 6to Encuentro Subgraduado de Investigación y Creación (Conferencia Virtual). April 15-16, 2021. *Mesa redonda*.

Cortijo-Robles, K.M. & Alwin, A. Diversity and skills development for fieldwork in undergraduates field research experiences. Undergraduate Field Experiences Research Network (UFERN) Virtual Meeting. March 1-5, 2021. *Talk*

Cortijo-Robles, K.M. & Zettlemoyer, M.A. Plant performance is affected by soil communities and temperature. Ecological Society of America (ESA) Virtual Annual Meeting. August 3-6, 2020. *Talk*

Cortijo-Robles, K.M. & Zettlemoyer, M.A. Climate change may affect extinctions via altered plant-soil feedback. Midwest Ecology and Evolution Conference. Macomb, IL. February 28-March 1, 2020. *Poster*

Cortijo-Robles, K.M. & Zettlemoyer, M.A. Climate change may affect extinctions via altered plant-soil feedback. Summer Research Symposium. Kellogg Biological Station, MI. August 3, 2019. *Poster*

PUBLICATIONS

Cortijo-Robles, K.M., Zettlemoyer, M.A. Effects of temperature and soil communities on extirpated vs. extant prairie plant performance (in prep for Ecology & Evolution).

Ward, E. G., O'Connell, K. B., Race, A., Alwin, A., Alwin, A., **Cortijo-Robles, K.**, ... & Sea, W. 2021. Affective Learning Outcomes in the Field: A Review of the 2021 Undergraduate Field Experiences Research Network Meeting. *The Bulletin of the Ecological Society of America*, e01920.

Cortijo-Robles, K.M. 2020. An unusual engagement: Presenting and networking virtually at the ESA Annual Meeting. *Kellogg Biological Station Blogs & News*.

Cortijo-Robles, K.M. 2019. A hard lesson to learn: It's okay not knowing everything in science. *Kellogg Biological Station Blogs & News*.

AWARDS AND CERTIFICATES

SEEDS Partnerships for Undergraduate Research (SPUR) Fellowship, August 2019-2020

It allowed me to do research related to ecology in summer 2019 and participate in the Leadership Meeting 2019, Spring National Field Trip 2021, and ESA Annual Meeting 2020.

Responsible Conduct of Research Certification, July 30, 2019

It was a requirement for the REU experience at Michigan State University's W.K. Kellogg Biological Station.

Mental Health First Aid USA Certification, Mental Health First Aid®, February 2, 2018

SVB/BLS provider, American Heart Association, February 2018

Science Presentation Award 2017 Ignite Biotechnology Summer Program, June 16, 2017

My group presented about the DNA cloning and CHO cell expression of erythropoietin.

VOLUNTEER EXPERIENCE

Ecological Society of American (ESA) Student Section August 2020-August 2021

Through the ESA Student Section, I have been able to do volunteer work as a moderator in virtual meetings and host lighting or educational sections.

Science communication at University Gardens HS October 7, 2019

Give a lecture about climate change and what we can do to address this issue to high schoolers.

K-12 Education June-July 2019

My REU experience allowed me to do K-12 activities related to environmental science with different students at diverse schools and grades at Michigan state.

Asociación Premédica de Puerto Rico November 18, 2017

We donated food to families affected by Hurricane María in San Juan, Puerto Rico.

Scuba Dogs Society September 17, 2016

Clean the coast at El Alambique Beach, Puerto Rico.

La Fondita de Jesús June 2016-June 2017

Help distribute food for the homeless in San Juan, Puerto Rico.

LANGUAGES

Spanish: Native Language

English: Advanced listener, speaker, reading, and writing.

OTHER INFORMATION

Additional resources:

LinkedIn: <https://www.linkedin.com/in/karina-m-cortijo-robles-3924b6166/>

Academic Twitter: @karinacr99

Website: <https://karinacortijo-robles.weebly.com/>