Naomy P. Candelaria Morales

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**Education**

August 2019-Current

University of Minnesota, St. Paul

 Expected degree: M.S. Applied Plant Science, December 2021

 GPA: 3.77

 Thesis: Exploring ecosystem services supplied by summer cover crops in the Upper

Midwest. Advisers Drs. Mary Rogers and Julie Grossman

January 2017-May2019

University of Puerto Rico-Utuado (UPRU)

Degree: B.A. Sustainable Agriculture, May 2018

GPA: 3.72

Capstone Project: Insect communities in organic cotton experimental trials in Puerto Rico. Adviser Dr. Mariangie Ramos

# Languages

# Advance Spanish: Well developed reading, writing, listening and speaking skills.

# Advance English: Well developed reading, writing, listening and speaking skills.

# Basic Italian: Basic reading, writing and listening skills.

# Research Experience

May 2019- May 2020

Exploring multifunctionality of summer cover crops for organic vegetable farms in the upper Midwest. Advisors Drs. Mary Rogers and Julie Grossman. University of Minnesota.

May 2018-August 2018

Biodiversity and abundance of arthropods in urban gardens. Advisor Dr. Mary Rogers, University of Minnesota.

January 2018-May 2018

Renewable Energy using Biochar Residual for Post-hurricane Puerto Rico. Advisers Dr. Javier Lugo, Dr. Ivette Perfecto and Dr. John Vandermeer, University of Puerto Rico and University of Michigan.

January 2018-May 2018

Ecosystem Services in Coffee Plantations of Puerto Rico. Advisers Dr. Javier Lugo, Dr. Ivette Perfecto and Dr. John Vandermeer, University of Puerto Rico and University of Michigan.

August 2017- December 2017

Developing a manual for the development of butterfly gardens in Puerto Rico. Adviser Dr. Marisol Davila, University of Puerto Rico.

January 2016-December 2016

Binary Star Movement. Adviser Dr. Rafael Muller, University of Puerto Rico-Humacao.

August 2014-December 2014:

Zero Waste project. Arecibo Observatory, Puerto Rico. Adviser Dr. Luisa Fernandez, Arecibo Observatory.

August 2012-December 2012

Earth-like Exoplanets Catalog. Adviser Prof. Abel Mendez, Arecibo Observatory.

# Honors

UPRU-Department of Agriculture Technology **Honor Student Certificate** (May 2018, May 2019)

# Oral presentations at scientific meetings

1. Exploring multifunctionality of summer cover crops for organic vegetable farms in the upper Midwest. November 2020, Tri Societies Conference, virtual meeting.
2. BANA: 3.0 Zero Waste Management. December 2014, Arecibo Observatory Space Academy (AOSA) Symposium, Arecibo, Puerto Rico.
3. Earth-like Exoplanets Catalog. December 2012, Ana G. Mendez University System (AGMUS) Research Symposium, San Juan, Puerto Rico.

# Poster presentations at scientific meetings

1. Exploring multifunctionality of summer cover crops for organic vegetable farms in the upper Midwest. February 2020, MOSES Organic Farming Conference, La Crosse, Wisconsin.
2. Evaluating Biodiversity and Abundance of Arthropods in Urban Community Garden Sites in the Twin Cities Metro Area. November 2018, Annual Biomedical Research Conference for Minority Students (ABRCMS), Indianapolis, Indiana.
3. Evaluating Biodiversity and Abundance of Arthropods in Urban Community Garden Sites in the Twin Cities Metro Area. August 2018, Summer Undergraduate Research Symposium & Urban Food Systems Symposium, Minneapolis, Minnesota.

# Awards

December 2020

Award recipient for eOrganic Article Competition.

February 2020

First place for poster presentation at the MOSES Organic Farming Conference.

November 2018

Travel Award Recipient for poster presentation: Evaluating Biodiversity and Abundance of Arthropods in Urban Community Garden Sites in the Twin Cities Metro Area. ABRCMS, Indianapolis, Indiana.

**Work Experience**

May 2017-May 2018

Sales Associate at Vans “Off the Wall’, Barceloneta, Puerto Rico.

November 2015-May 2017

Sales Associate at Vans “Off the Wall”, San Juan, Puerto Rico.

# Extracurricular activities

September-April 2020

Mentored an underrepresented Minnetonka High School student in the VANTAGE program, Minnesota.

October 2019

Participated in the Woman in Sustainable Agriculture Conference, St. Paul, Minnesota.

July 2019

Participated in the On-Farm Field Expirement Field Day at the University of Minnesota.

August 2019

Participated in a soil conservation outreach event at "Farm at the Arb" Festival, Minnesota.

November 2018

Gave a workshop to the college community of UPR-Utuado: Orientation on Application of Scholarships, Internships and Graduate Studies.

August 2017-May 2018

Volunteer work in a diverse small certified organic farm Mi Casa, Camuy, Puerto Rico.

May 2017-June 2017

Sustainable agriculture summer internship UPR-Utuado

August 2017-December 2017

Volunteer work at UPRU Jardin Tanamá Butterfly Garden, raising four native butterfly species, and maintaining their gardens.