

GABRIEL J. VÁZQUEZ-BADILLO

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EDUCATION

2016 - present **Inter American University of Puerto Rico** Aguadilla, PR
Bachelor of Science in Microbiology with minors in Biology and Environmental Science

EXPERIENCES

2019 - present **Student Society for Environmental Science and Toxicology**
Science Outreach
Create and implement hands-on science experience for high school students through workshops and lab activities.

2018 - present **Inter American University of Puerto Rico** Aguadilla, PR
Hydroponic Greenhouse Assistant Curator
Check the pH level and the amount of nutrients in the reservoir using a pH and EC meter; prepare the nutrient mixture; clean the algae growth in the flow system; plant seeds in the oasis growing medium; water the seeds and seedling.

2018 - 2019 **Student Society for Environmental Science and Toxicology**
President
Cofounder; preside over meetings; serve as a spokesperson; recruit new members; maintain contact with society advisors; organize extracurricular activities; organize volunteer experiences; recycling program proposal.

RESEARCH EXPERIENCE

Summer 2019 **Montclair State University's New Jersey School of Conservation**
Field Research Technician
Handling, marking, tagging, measuring and weighting eastern painted (*Chrysemys picta*), snapping (*Chelydra serpentina*) and musk turtles (*Sternotherus odoratus*) and northern water snakes (*Nerodia*

sipedon) from Lake Wapalanne, and radio tracking wood turtles (*Glyptemys insculpta*) in Stokes State Forest.

2018 - present **Inter American University of Puerto Rico** Aguadilla, PR
Undergraduate Student Researcher
Mentor: Odalys S. Álvarez-Pérez
Project: *Detection of fecal enterococci in coastal water frequented by bathers and antibiotics susceptibility.*

TEACHING EXPERIENCE

Fall 2018 **Inter American University of Puerto Rico** Aguadilla, PR
Undergraduate Teaching Assistant
Teaching assistant of Dr. Rubén J. Hernández-García in the course EVSC 1110: *Introduction to Environmental Science.*

PRESENTATIONS

Vázquez-Badillo, G. J. & Delgado-Ruiz, L. (May 3, 2019). *Detection of fecal enterococci in coastal water frequented by bathers and antibiotics susceptibility* (oral presentation). 10th Undergraduate Research Forum at the Inter American University of Puerto Rico, Aguadilla, Puerto Rico.

Vázquez-Badillo, G. J. (November 13, 2018). *Proposal: Recycling program at the Inter American University of Puerto Rico in Aguadilla* (proposal presentation). Photography for the Planet Conservation Expo, Aguadilla, Puerto Rico.

INVITED TALKS

Vázquez-Badillo, G. J. (April 26, 2019). *Plant identification and soil physical composition.* Earth Day Celebration at Salvador Fuentes High School, Aguadilla, Puerto Rico.

Vázquez-Badillo, G. J. (March 26, 2019). *Microbiology: Science Outreach.* Inter American University of Puerto Rico, Aguadilla, Puerto Rico.

COMMUNITY SERVICE

2019 - present	Arizona State University - Ask A Biologist <i>Online Translator</i> Translate science documents from English to Spanish.	Tempe, AZ
2019 - present	San Juan National Bay Estuary Program <i>Water Quality Sampler</i> Water quality monitoring in Caño Madre Vieja, Rompeolas, Crash Boat, and Borinquen beach.	Aguadilla, PR
November 2018	2018 Science Fair Symposium of Antolina Vélez <i>Elementary and High School Science Fair Judge</i> Evaluated posters and oral presentations.	Aguadilla, PR
October 2018	Stars of Hope, Inc. <i>Participant Fundraising for Cancer</i> Collecting recyclable materials to raise funds for cancer.	Aguadilla, PR
October 2018	Villa Michelle Animal Shelter <i>Pet Sitter</i> Played and walked dogs and cats.	Mayagüez, PR

PROFESSIONAL DEVELOPMENT

June 2019	Montclair State University's New Jersey School of Conservation <i>Talk: Emerging infectious diseases of amphibian and reptiles: Implications for New Jersey herpetofauna</i>
May 2019	Environmental Protection Agency <i>Webinar: Harmful Algal Blooms and Algal Toxin Treatment</i>
March 2019	One Health Academy

Webinar: Addressing the Burden of Parasitic Zoonoses of Public Health and Agricultural Importance – One Health in Action!

February 2019 **Environmental Protection Agency**
Webinar: Treatment Technologies for Removing Chemicals of Concern.

September 2018 **BioBusiness Research Institute** San Juan, PR
Workshop: Microbiology in the Biopharmaceutical Industry:

MEMBERSHIPS

2018 - present American Society for Microbiology

2018 - present Student Society for Environmental Science and Toxicology

2016 - present Student Society for Microbiology and Biotechnology

AWARDS

May 2019 **Travel Award**
Awarded by the Inter American University of Puerto Rico

May 2019 **Go Green: Recycling Environmental Project Award**
Awarded by the Inter American University of Puerto Rico
Chancellor's Office - Student Council

May 2019 **SECAT Outstanding Student Leader Award**
Awarded by the Inter American University of Puerto Rico Dean of Students Office

May 2019 **MicroBiot Outstanding Student Leader Award**
Awarded by the Inter American University of Puerto Rico Dean of Students Office

September 2018 **Student of the Month**

Awarded by Student Society for Microbiology and Biotechnology

LANGUAGES

- Spanish
- English

REFERENCES

Rubén J. Hernández-García, DrPH. Assistant Professor and

Title V ESTO-PR Activity & Academic Support Director

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