

Kaitlin A. Merced Malavé

Reparto Montellano calle A I-22, Cayey Puerto Rico 00736
(787) 930-1178, kaitlin.merced@upr.edu

EDUCATION

- 2015-Present Bachelor of Natural Science- General Program
University of Puerto Rico at Cayey
Cayey, Puerto Rico
GPA: 3.08
- 2012-2015 High School Diploma
Escuela Superior Miguel Meléndez Muñoz
Cayey, Puerto Rico
GPA: 4.0

AWARDS AND GRANTS

- 2018 **University of Puerto Rico at Cayey**
NeuroBoricuas UPR Cayey Chapter
Leadership Award
- 2018 **University of Puerto Rico at Cayey**
MEDLIFE Cayey Chapter
Member with more hours of volunteered service

WORK EXPERIENCE

- June 2019-present **Best Event Puerto Rico**
Usher
Supervisor: Ilka Malavé
- 2018-May 2019 **Biology Department**
Secretary Assistant
Supervisor: Yvette Rodríguez
- March-June2018 **Hospital Menonita**
Help nurse with patients, take blood or other samples to the
laboratory and make EKG
Supervisor: Noel Vázquez, ER Director
- 2016-2017 **Biology laboratory**
Lab technician Assistant
Supervisor: Angelina Castelló

RESEARCH EXPERIENCE

August 2018-May 2019 **University of Puerto Rico at Cayey**
Mathematical Model of Syphilis in Sexually Active Adolescents
Description: This project offers students an experience to do an epidemiological research with sexual transmitted diseases in Puerto Rico. The purpose of the general research is to present an analytical evaluation using mathematical epidemiological models that demonstrate the effectiveness of implementing interventions to reduce the rates of sexually transmitted disease of higher prevalence in the general population of Puerto Rico. Utilizing the dynamic model, it's determined that Puerto Rico has an epidemic in Syphilis in adolescent sexually active.

Mentor: Mayteé Cruz-Aponte, PhD

PRESENTATION

August 18,2019 Presentación de logros de NeuroBoricuas Capítulo de UPR Cayey
2do Congreso de NeuroBoricuas
University of Puerto Rico- Medical Scieeces Campus
San Juan, Puerto Rico
Oral Presentation

July 2, 2019 *Mathematical Model of Syphilis in Sexually Active Adolescents*
Taller Salud
Loíza, Puerto Rico
Oral Presentation

May 9, 2019 *NeuroBoricuas UPR Cayey Outreach Experience: Teaching neuroscience to pre and high schoolers*
Sexto Encuentro Estudiantil de Investigación, Creación y Servicio Comunitario
University of Puerto Rico at Cayey
Poster presentation

May 9, 2019 *Mathematical Model of Syphilis in Sexually Active Adolescents*
Sexto Encuentro Estudiantil de Investigación, Creación y Servicio Comunitario
University of Puerto Rico at Cayey
Oral presentation

PROFESSIONAL TRAINING AND CERTIFICATIONS

- March 21, 2019 *Uso de la Radiografía para la Enseñanza y Alcance Comunitario*
University of Puerto Rico at Cayey
NeuroBoricuas
Dr. Demetrio Sierra
- 2019 *NeuroBoricuas Training Workshop*
University of Puerto Rico in Medical Science Campus
NeuroBoricuas
- 2019 *Scientific communication skills for non-academic audiences training*
University of Puerto Rico at Cayey
UPR IPERT
Mónica I. Feliú-Mójer, PhD
- 2018 *HIPAA Training*
University of Puerto Rico at Cayey
Jaime Enrique II Cruz Pérez, Lic
- 2017 *Cardiology Shadowing*
Cayey, Puerto Rico
Dr. Eric Ramirez
- 2016 *Suture Training*
University of Puerto Rico at Cayey
AMSA
- 2016 *Blood Pathogens Workshop*
University of Puerto Rico at Cayey
Michelle Portela, MBA, OT, PT, EMTP, CNA1, BLS instructor of American Heart Association
- 2016 *Venipuncture Workshop*
University of Puerto Rico at Cayey
Michelle Portela, MBA, OT, PT, EMTP, CNA1, BLS instructor of American Heart Association
- 2015 *Laboratory asepsis techniques*
University of Puerto Rico at Cayey
βββ National Biological Honor Society

- 2015 *Microscope techniques*
University of Puerto Rico at Cayey
 βββ National Biological Honor Society
- 2014 *Shadowing rotation in Cardiology*
University of Puerto Rico Medical Sciences Campus, School of Medicine

PROFESSIONAL MEMBERSHIPS

- 2018-May 2019 **University of Puerto Rico at Cayey**
 MEDLIFE Cayey Chapter
 Vocal
Activist on giving free services on local ground and other countries
- 2018-May 2019 **University of Puerto Rico at Cayey**
 Neuroboricuas UPR Cayey Chapter
 President
- May 2018 **University of Puerto Rico at Cayey**
 Student Council
 Fourth year representative
- 2017-2018 **University of Puerto Rico at Cayey**
 MEDLIFE Cayey Chapter
 Member
Activist on giving free services on local ground and other countries
- 2017-2018 **University of Puerto Rico at Cayey**
 NeuroBoricuas UPR Cayey Chapter
 Sub treasurer
- 2016-2018 **Clínica de Promoción de Salud Daca Bi**
 Member
Provided simple health services such as taking blood pressure, glucometer, measuring body weight, oximetry at health fairs, agricultural fairs and homeless people, primarily in Cayey.
- 2015-2019 **University of Puerto Rico at Cayey**
 βββ National Biological Honor Society
- 2015-2019 **University of Puerto Rico at Cayey**
 American Medical Student Association
Mentor

EXTRACURRICULAR ACTIVITIES

- April 27, 2019 **El Reto 5k de MDA**
Parque Lineal de Bayamón
Walk and run with muscular dystrophy patient.
- April 13, 2019 **Relevo por la Vida**
Cayey, Puerto Rico
Participate in two team as a co-captain to support cancer patients.
- Marh 11-17, 2019 **Brain Awereness Week**
University of Puerto Rico
Organize different activities, conference and outreach to the community.
- March 2, 2019 **MEDLIFE 5K: Impactando Vidas Segunda Edición**
University of Puerto Rico at Cayey
Organizer committee
- December 2018 **Open House of University of Puerto Rico at Cayey**
University of Puerto Rico at Cayey.
- November 2018 **Scientific Seminar: “Zebrafish: the animal model in which functional Neuroscience meets Genetics.”**
- November 2018 **“First educational fair for special education”**
University of Puerto Rico at Cayey
Inform to the community How Neuroscience helps people with disabilities
- October 2015/2016/2018 **March “Avancemos a grandes pasos contra el cáncer de seno”**
University of Puerto Rico at Cayey
The university march all around the campus to raise money and raise awareness about breast cancer.
- October 2018 **Second visit of Neuroscience Workshop**
CIMATEC, Caguas, Puerto Rico
The NeuroBoricuas gave to high school students a neuroscience and Backyard Brains equipment Workshop.
- September 2015/2016/2018 **International Coast Cleaning**
Guayama, Puerto Rico
Pick up trash from the coast.
- August 2018 **Neuroscience Workshop**

Escuela Superior Vocacional Benjamín Harrison, Cayey, Puerto Rico

The NeuroBoricuas give to high school students a neuroscience and Backyard Brains equipment Workshop.

August-December 2018

INTD:3407 Community service Seminar “Blue Angels”

University of Puerto Rico at Cayey

In the course, we have to do a research proposal for a community, 75 hours of community service at Hospital Menonita and 40 hours with contact with the researched community.

May 2018

“Primer Congreso de NeuroBoricuas”

University of Puerto Rico in Medical Sciences Campus

Presentation of research and all the work of every chapter.

April 2018

“Enlazando Mundo”

University of Puerto Rico at Cayey

Conference on the basic concepts of Neuroscience was given to students of Juan D. Stubbe School of Cidra.

April 2018

“EXPOCIENCIA”

Colegio Marista, Guaynabo, Puerto Rico

March 2018

Collection and distribution of water, food not precedence and hygiene products

Cayey, Puerto Rico

Collect, water, food not precedence and hygiene products for Barrio Matón Arriba in Cayey.

March 2018

Bill’s Kitchen

San Juan, Puerto Rico

Take blood pressure and sugar test to HIV patients.

March 2018

First visit of Neuroscience Workshop

CIMATEC, Caguas, Puerto Rico

The NeuroBoricuas give to high school students a neuroscience and Backyard Brains equipment Workshop.

February 2018

Health Fair

Cayey, Puerto Rico

We gave lectures about health to people. Also, we did a little screening tests, massage, and educated people about basic Neurosciences.

January 2018

“¡Explora tu Cerebro en las Sane!”

San Juan, Puerto Rico

The NeuroBoricuas teach to the public about general neuroscience and Backyard Brains equipment.

August-December 2017

INTD 8145: Research Methodology and Design Focused on Cancer Research

University of Puerto Rico in Medical Sciences Campus

During the course, it was possible to learn about the methodology and design of epidemiological research or basic sciences focused on cancer.

June 2017

“Seminario de Verano Explorando las Profesiones de la Salud en la UPR-RCM 2017”

University of Puerto Rico in Medical Sciences Campus

Have a group of 10 girls in charge, ensure their safety, follow the established itinerary and make the group arrive on time for their activities.

March 2017

“Relevo por la Vida”

Cayey, Puerto Rico

Participate in a team to support cancer patients.

December 2016

“Abriga tu Alma esta Navidad”

Cayey, Puerto Rico

As a member of AMSA we collected money for the purchase of blankets, and shoes for the homeless of our community.

October 2016

AMSA Fall Conference

San Juan, Puerto Rico

Attending different conferences related to the field of health especially for pre-med and med students. Interact with people from different chapters of national AMSA.

September 2016

Muscular Dystrophy Association (MDA)

Caguas, Puerto Rico

Volunteer to collect money for the association at Catalinas Mall.

Septiembre 2016-Presente

Iniciativa Comunitaria

San Juan y Cayey, Puerto Rico

Volunteer in the night rounds for homeless people in Cayey and San Juan where they are provided with basic necessities, exchange of needles and talk with them.

LANGUAGES

Languages spoken

Spanish - Native

English - Speak fluently and read/write with high proficiency

Computer language-Scilab