

Camille L. Santiago Negrón

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EDUCATION

University of Puerto Rico at Bayamón, Bayamón, PR August 2014 - present

Bachelor of Science in Human Biology

Academia Fundación de Educación Cristiana, Bayamón, PR. August 2005 - May 2014

High School Education

AWARDS

University of Puerto Rico at Bayamón, Bayamón, PR Fall 2015, Spring 2017

Honor Enrollment Scholarship for students with highest 5% GPA

Travel Award for Advancing Chicanos/Hispanics and Native. Americans in Science (SACNAS) conference, Salt Lake City, Utah, USA.

RESEARCH EXPERIENCE

St. Jude Children's Research Hospital, Memphis, TN Summer 2018

“Cytotoxic properties of potential cancer therapeutics derived from *Ganoderma lucidum* compounds”

Advisor: Dr. Fatima Rivas

Program Director: Dr. Suzanne Gronemeyer

Universidad Central del Caribe, Bayamon, PR Fall 2016

“Endogenous expression of Programmed cell death 6, (PDCD6) in inflammatory breast cancer (IBC) cell lines.”

Advisor: Dr. Michelle M. Martínez-Montemayor

Universidad Central del Caribe, Bayamon, PR Spring 2017

“Effects of *Ganoderma lucidum* in the Expression of Programmed Cell Death 6 (PDCD6) in Inflammatory Breast Cancer cell lines.”

Advisor: Dr. Michelle M. Martínez-Montemayor

Universidad Central del Caribe, Bayamon, PR

Summer 2017- Present

“Inhibitory effects of *Ganoderma lucidum* derived fractions and compounds similarly structured to GA on Triple Negative Breast Cancer (TNBC).”

Advisor: Dr. Michelle Martínez-Montemayor

PRESENTATIONS

1. Santiago Negrón, Camille L., “Cytotoxic properties of potential cancer therapeutics derived from *Ganoderma lucidum* compounds”. Pediatric Oncology Education program series at St. Jude Children’s Research Hospital, Memphis, TN. August 2018
2. Santiago Negrón, Camille L. “Programmed Cell Death 6 (PDCD6) endogenous expression and *Ganoderma lucidum* effects in Inflammatory Breast Cancer cell lines” 3rd Puerto Rico Cancer Research meeting, Verdanza Hotel, Isla Verde, San Juan, PR, May 2018.
3. Santiago Negrón, Camille L., My experience in research. University of Puerto Rico at Bayamón, Bayamón, PR, December 2017.
4. Santiago Negrón, Camille L., Effects of *Ganoderma lucidum* in the Expression of Programmed Cell Death 6 (PDCD6) in Inflammatory Breast Cancer cell lines. SACNAS conference 2017, Salt Palace Convention center, Utah, USA, October 2017.
5. Santiago Negrón, Camille L., Endogenous expression of Programmed cell death 6, (PDCD6) in inflammatory breast cancer (IBC) cell lines. University of Puerto Rico at Bayamón, Bayamón, PR, December 2016.
6. Santiago Negrón, Camille L., Programmed Cell Death 6 (PDCD6) endogenous expression and *Ganoderma lucidum* effects in Inflammatory Breast Cancer cell lines. 3rd Puerto Rico Cancer Research Meeting, Verdanza Hotel, Isla Verde, PR, May 4, 2018.

PROFESSIONAL EXPERIENCE

Position: Internship

August 2018 – present

Description: Conducting and collaborating in research performed at Dr. Michelle M. Martinez-Montemayor laboratory at Universidad Central del Caribe, School of Medicine, Bayamon, PR.

Position: St. Jude Children's Research Hospital, Pediatric Oncology Program Summer 2018

Description: Research position for undergraduate students with stipend. Worked as a lab member of Dr. Fatima Rivas in the Chemical Biology & Therapeutics Department, developing a research project to be presented in written and oral form at the end of the summer. As part of the program the students were also able to shadow physicians and participate in volunteer activities in their free time.

Position: Undergraduate researcher (voluntary) August 2016 – May 2018

Description: Conducting and collaborating in research performed at Dr. Michelle M. Martinez-Montemayor laboratory at Universidad Central del Caribe, School of Medicine, Bayamon, PR.

TEACHING EXPERIENCE

Molecular Biology Summer Academy June 2017

Description: Serve as a mentor for one week of educational sciences and professional activity for undergraduate students from different institutions.

PROFESSIONAL DEVELOPMENT

▪ University of Puerto Rico, Rio Piedras, PR April 2016

Basic suture seminar by American medical student association, UPRB chapter

▪ Frontiers in Stem Cells in Cancer, New Orleans, LA May 2018

Hands on training on the latest topics and laboratory techniques for the study of cancer stem cells sponsored by NIH.

▪ University of Puerto Rico, Rio Piedras, PR April 2016

Intubation seminar by American medical student association, UPRB chapter

▪ University of Puerto Rico at Bayamón, Bayamón, PR November 2015

CPR certification by American medical student association, UPRB chapter

▪ Universidad Central del Caribe, Bayamón, PR September 2016

New approaches to explaining missing heritability in Alzheimers disease by Dr. John Kauwe.

▪ Universidad Central del Caribe, Bayamón, PR March 2017

The forgotten genome: Surprising roles of mitochondria in cancer metastasis by Dr. Danny R. Welch

▪ Universidad Central del Caribe, Bayamón, PR

June 2016

Molecular Biology Summer Academy participant.

ATTENDED SCIENTIFIC CONFERENCES

Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS)
2017

Salt Palace Convention Center, Salt Lake City, Utah, USA

3rd Puerto Rico Cancer Research Meeting (PRCRM) 2018

Verdanza Hotel, Isla Verde, San Juan, PR.

LABORATORY TECHNIQUES

- Prepare solutions and media.
- Sterilizing techniques
- Electrophoresis
- Western Blot
- Cell Viability
- Protein Extraction
- Cell Culture
- Use of light microscope
- Immunocytochemistry
- Annexin V (apoptosis assay)

LANGUAGES

Spanish – Native language

English – Speak fluently and read/write with high proficiency

MEMBERSHIPS AND ORGANIZATIONS

- American Medical Students Association, UPRB chapter 2015 – present
- American Association for Cancer Research (AACR) Undergraduate student member 2017
- Honor Studies Program, UPRB chapter 2016 – present
Currently Directive Vocal for the service committee.
- American Society for Cell Biology (ASCB) Undergraduate student member 2017-present
- Advancing Chicanos/Hispanics and Native Americans in Science (SACNAS). Undergraduate student member 2017
- MEDLIFE, UPRB chapter 2017
- Students chapter of the microbiology society, UPRB chapter 2015

COMMUNITY SERVICE

Volunteer, St. Jude Children’s Research program, Memphis, TN June 2018

Description: Participated in the Ice Cream social event at the Target house, serving kids and families smiles through sundaes buffet assistance and hands-on art and crafts activities with the kids.

Volunteer, Hogar Nuestra Señora de la Providencia, San Juan, PR April 2018

Description: During my time as part of the Honor Studies program at UPRB, I organized a second visit in which we brought entertainment (this time La Tuna Vaquera) and snacks to share some time with our elderly community.

Volunteer, Puerto Rico Food Bank, Bayamon, PR March 2018

Description: During my time as part of the Honor Studies program at UPRB, I coordinated an activity in a group of honor students helped pack and organize boxes to give families in need.

Volunteer, Hogar Nuestra Señora de la Providencia, San Juan, PR February 2018

Description: During my time as part of the Honor Studies program at UPRB, I organized and

coordinated an activity in which we brought entertainment and snacks to share some time with our elderly community.

Volunteer, 5K for Autism, San Juan, PR November 2015

Description: As a part of the microbiology student association CESMI, helped taking care of kids with autism for parents and workers participating in activities.

Volunteer, San Jorge hospital, San Juan, PR February 2016

Description: As a part of the microbiology student association CESMI, helped taking care of kids with autism for parents and workers participating in activities.

Volunteer, Muscular Dystrophy Association,
Guaynabo, PR March 2016

Description: As a part of AMSA, helped raising funds during the food truck fest.

Volunteer, Gersh academy, San Juan, PR. May 2016

Description: Helped organize the health fair for parents and kids of special needs.

Volunteer, Susan G. Komen, San Juan, PR. September - Oct 2016

Description: Data entry and merchandise sales at Plaza las Americas for the annual race.

Volunteer, shore cleaning with Amgen Manufacturing
limited, Fajardo, PR 11 May 2014

Description: Retrieved wastes and plastics form the shore as part of the group efforts.

SKILLS

- Problem Solving
- Organizational and Reasoning Skills
- Leadership and Teamwork Skills

- Computer Skills
 - Advanced knowledge of Microsoft Office (Excel, PowerPoint, Word), and basic knowledge of GraphPad PRISM.

REFERENCES

References and transcripts available upon request