

Postbaccalaureate Research Education Program in Biomedical Sciences

PREP

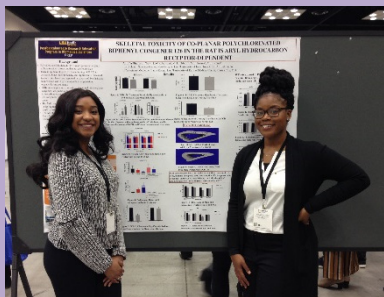
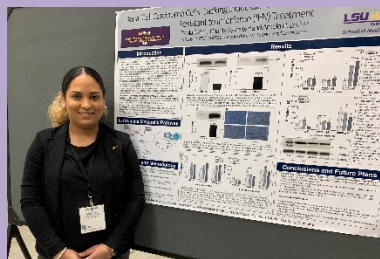
Term: 2018-2019 | Issue 1 | Date: May 2019

PREP Attends ABRCMS

PREP Scholars, along with Dr. Lisa Harrison-Bernard, attended the Annual Biomedical Research Conference for Minority Students in Indianapolis in November 2018. They networked and presented posters on their research.



Congratulations to Shekinah Hernandez for receiving top achievement in Physiology for her poster presentation.



PREP Symposium

PREP held the first annual Symposium on March 20, 2019. Keynote speaker, Dr. Dereck Rovaris, presented “Delayed Gratification and Graduate Education” and Featured Speaker, Dr. Emmitt Jolly, presented “Parasitic Schistosomes – Adapting to Diverse Environments: A Correlation to Academic Success”. Each of the PREP Scholars gave presentations on the research they’ve worked on with their mentors throughout the year.



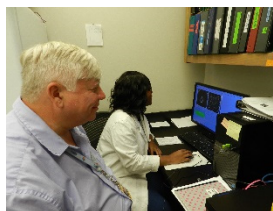
Paula Datri, BS
Undergraduate University: Southern University at New Orleans
Title: “L-arginine depletion by arginase2 decreases interferon- γ induced nitric oxide production in renal cell carcinoma”
Faculty Research Mentor/Department: Dr. Arnold Zea, Microbiology, Immunology and Parasitology



Shekinah Hernandez, BS
Undergraduate University: Hampton University
Title: “Senescent T-cells display deficient activation-induced cell death”
Faculty Research Mentor/Department: Dr. Robert Siggins, Physiology



Joselyn Knowling, BS
Undergraduate University: Louisiana State University
Title: “The effects of inhaled nicotine on cardiac function”
Faculty Research Mentor/Department: Dr. Jason Gardner, Physiology



Ashlee Williams, BS
Undergraduate University: Dillard University
Title: “Skeletal toxicity of co-planar polychlorinated biphenyl congener 126 in the rat is aryl hydrocarbon receptor-dependent”
Faculty Research Mentor/Department: Dr. Martin Ronis, Pharmacology

Community Outreach

PREP Scholars helped collect food and toiletries benefitting the St. Joseph Rebuild Center in August 2018.



Joselyn Knowling volunteered at the annual Que Pasa Latino Festival in October 2018 to give information to Latino families about medical care.



In addition, scholars participated in Black History Month presentations, American Association of Cancer Research Conference for high school students, and teaching 4th graders STEM.

Scholars Upcoming Plans

- Ashlee Williams will attend Graduate School at University of Alabama, Birmingham, Cancer Research.
- Joselyn Knowling has been accepted into the pre-health program at Loyola University and will serve as a Medical Scribe at Ochsner Hospital and an undergraduate math tutor.
- Paula Datri will serve as a Medical Scribe at Ochsner Hospital.
- Shekinah Hernandez will apply for medical school for August 2020.
- Paula and Joselyn will apply for medical school for August 2021.

Welcome 2019-2020 Scholars!

Chelsea Callicoatte

California State University Northridge
BS Cell and Molecular Biology

Shana Littleton

University of Illinois at Urbana-Champaign
BS Molecular and Cellular Biology

Diego Vargas

University of Michigan
BS Biomedical Engineering

Anita Waye

University of Illinois at Chicago
BS Biological Sciences

APPLICATION DATES

Open: December 1st
Deadline: March 1st

Notice: April 30th
Start Date: June 1st

CONTACT

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