

# Postbaccalaureate Research Education Program in Biomedical Sciences PREP

## 5<sup>th</sup> Annual PREP Symposium

Thursday, May 23, 2024

1:00 PM – 4:00 PM

School of Nursing Classroom A

### Keynote Speaker

#### **Keisa Williams Mathis, PhD**

Associate Professor of Internal Medicine & Physiology  
The University of Texas Southwestern

**“Neuroimmune Regulation of Inflammation  
in the Kidney and It’s Importance in  
Hypertension and Lupus”**



### Schedule of Events

1:00 PM	Welcome
1:10 PM	Dr. Keisa Williams Mathis “Neuroimmune Regulation of Inflammation in the Kidney and It’s Importance in Hypertension and Lupus”
2:10 PM	Dwayne Crenshaw “Development of a Model for Traumatic Brain Injury Induced Hearing Loss”
2:25 PM	Caitlyn Diggs “Targeted topA Repression Influence Chlamydia Trachomatis Response to Antibiotics”
2:40 PM	Nicholos Horne “Sex Differences in the Pre-Clinical Model of Alcohol-Induced Cardiomyopathy”
2:55 PM	Victoria Rodriguez “Differential Effects of Metabolic Stressors and Ethanol on Hepatocyte Spheroids”
3:10 PM	Katelyn White “Proteomic Characterization of Postnatal Metabolism in Premature Infant”
3:40 PM	PREP Accomplishments, PREP Directorship
4:00 PM	Reception in Chancellor’s Dining Room, MEB 3 <sup>rd</sup> Floor

# PREP Scholars

**Dwayne Crenshaw, BS**

**Faculty Research Mentor/Department:**

Dr. Jennifer Lentz, Otorhinolaryngology

**Undergraduate:** University of New Orleans

**Major:** Biological Sciences



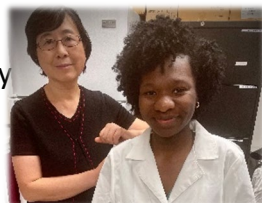
**Caitlyn Diggs, BS**

**Faculty Research Mentor/Department:**

Drs. Li Shen and Alison Quayle, Microbiology, Immunology

**Undergraduate:** Southern University at New Orleans

**Major:** Biology/Chemistry



**Nicholos Horne, BS**

**Faculty Research Mentor/Department:**

Dr. Jason Gardner, Physiology

**Undergraduate:** University of Louisiana at Monroe

**Major:** Biology



**Victoria Rodriguez, BS**

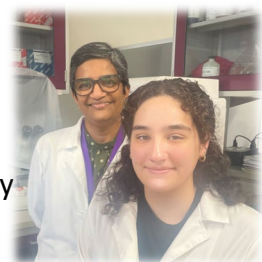
**Faculty Research Mentor/Department:**

Dr. Liz Simon, Physiology

Dr. Jovanny Zabaleta, Oncology

**Undergraduate:** Southeastern Louisiana University

**Major:** Biological Science/Microbiology/Molecular Biology



**Katelyn White, BS**

**Faculty Research Mentor/Department:**

Dr. Sunyoung Kim, Genetics

Dr. Edward Wojcik, Biochemistry

**Undergraduate:** Xavier University of Louisiana

**Major:** Chemistry-Pre-Med/Biology



# PREP Directorship



**Dr. Lisa M. Harrison-Bernard**

Director, LSUHSC-NO PREP  
Professor  
Department of Physiology  
Louisiana State University Health New Orleans  
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**Dr. Allison C. Augustus-Wallace**

Co-Director, LSUHSC-NO PREP  
Associate Professor  
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**Dr. Jovanny Zabaleta**

Co-Director, LSUHSC-NO PREP  
Associate Professor  
Department of Pediatrics  
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**Dr. Stefany Primeaux**

Program Coordinator, LSUHSC-NO PREP  
Associate Professor  
Department of Physiology  
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## Goals of PREP

The goal of the LSUHSC New Orleans PREP is to prepare individuals from backgrounds underrepresented in the biomedical sciences, who have recently completed their baccalaureate science degrees for successful enrollment, retention, and completion of a PhD training program.

### APPLICATION DATES

Open: December 1<sup>st</sup> Notice: April 30<sup>th</sup>  
Deadline: March 1<sup>st</sup> Start Date: June 1<sup>st</sup>

<http://PREP.lsuhs.edu>

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NIH Funding Grant Number: 1R25GM148309