

Postbaccalaureate Research Education Program in Biomedical Sciences PREP

4th Annual PREP Symposium

Wednesday, May 18, 2022

1:00 PM – 4:00 PM

Allied Health Classroom A / Zoom Meeting ID: 922 4711 3644

Keynote Speaker

Carmen Hinojosa-Laborde, PhD

Deputy Program Manager

CRT5-Pain and Sensory Trauma

US Army Institute of Surgical Research

**“Challenges of Battlefield Pain
Management”**



Schedule of Events

- 1:00 PM Welcome Dr. Angela Amedee, Interim Dean of the School of Graduate Studies
- 1:10 PM Dr. Carmen Hinojosa-Laborde “Challenges of Battlefield Pain Management”
- 2:10 PM Kelly Lozano-Ortiz “Association of Senescent Cells and Viral Loads in SIV-Infected Female Rhesus Macaques”
- 2:25 PM Olivia Warren “Role of Inflammation in Nicotine Induced Pulmonary Hypertension”
- 2:40 PM Tiara Hamilton “Mechanisms of Ethanol-Induced Lymphatic Endothelial Cell Permeability: Role of Prox-1, and Notch Signaling Pathway”
- 2:55 PM Cheyleann Del Valle-Ponce de Leon “Does Acetate Mediate Skeletal Bone Toxicity of Alcohol?”
- 3:10 PM Samira Mohammed “VTA-Extended Amygdala Orexin Signaling in Anxiety-Like Behavior”
- 3:25 PM Heather Soileau “Decoding Allosteric Pathways Used by Small-Molecule Inhibitors of Human Kinesin-5”
- 3:40 PM PREP Accomplishments, PREP Directorship
- 4:00 PM Reception in Chancellor’s Dining Room, MEB 3rd Floor

PREP Scholars

Cheyleann Del Valle-Ponce de Leon, BS

Undergraduate University: Inter American University of Puerto Rico

Major: Nursing

Faculty Research Mentor/Department:

Dr. Martin Ronis, Pharmacology



Tiara Hamilton, BS

Undergraduate University: Dillard University

Major: Chemistry

Faculty Research Mentor/Department:

Dr. Flavia Souza-Smith, Physiology

Dr. Patricia Molina, Physiology



Kelly Lozano-Ortiz, BS

Undergraduate University: Universidad Ana G. Mendez

Major: Biology

Faculty Research Mentor/Department:

Dr. Angela Amedee, Microbiology, Immunology & Parasitology

Dr. Robert Siggins, Physiology



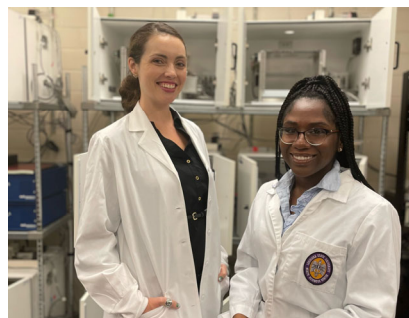
Samira Mohammed, BS

Undergraduate University: Xavier University

Major: Psychology of Science

Faculty Research Mentor/Department:

Dr. Elizabeth Avegno, Physiology



Heather Soileau, BS

Undergraduate University: Xavier University

Major: Biochemistry

Faculty Research Mentor/Department:

Dr. Sunyoung Kim, Biochemistry



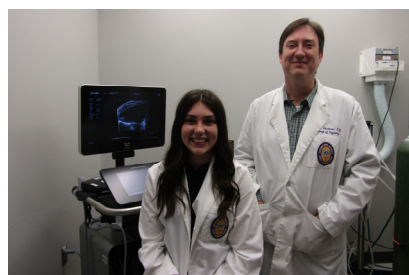
Olivia Warren, BS

Undergraduate University: Northwestern State University

Major: Biology & Physical Science

Faculty Research Mentor/Department:

Dr. Jason Gardner, Physiology



PREP Directorship



Dr. Lisa M. Harrison-Bernard

Director, LSUHSC-NO PREP
Professor
Department of Physiology
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Dr. Allison C. Augustus-Wallace

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Dr. Jovanny Zabaleta

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Dr. Maureen Basha

Program Coordinator, LSUHSC-NO PREP
Associate Professor
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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 1st Notice: April 30th
Deadline: March 31st Start Date: June 1st

<http://PREP.lsuhs.edu>

Email: PREP@lsuhsc.edu

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