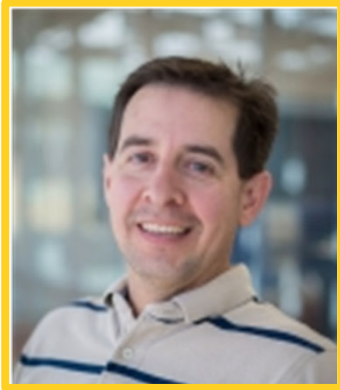


Postbaccalaureate Research Education Program in Biomedical Sciences PREP

Term: 2020-2021 | Issue 3 | Date: June 2021

PREP Symposium



PREP held the 3rd Annual PREP Symposium on June 10, 2021. **Dr. Rudy Ortiz, Professor and Physiology & Endocrinology at University of California** virtually delivered the keynote address, “The Study of Insulin Resistance & Metabolism from Different Perspectives.”

Each of the PREP Scholars presented the research they’ve worked on with their mentors throughout the year.

Sheldon Davis, BS

Undergraduate University: Pennsylvania State University

Major: Biochemistry & Molecular Biology

Title: “Association of Alcohol Consumption on Vaginal Viral Load in People Living with HIV (PLWH)”

Faculty Research Mentor/Department: Dr. Angela Amedee, Microbiology, Immunology & Parasitology
Dr. Tekeda Ferguson, Epidemiology



Zari McCullers, BS

Undergraduate University: Towson University

Major: Cell and Molecular Biology

Title: “Sexual Differences in Negative Affect & Neural Activation Following Adolescent Alcohol Exposure”

Faculty Research Mentor/Department: Dr. Tiffany Wills, Cell Biology & Anatomy



Roshaun Mitchell-Cleveland, BS

Undergraduate University: Southern University New Orleans

Major: Biology & Mathematics

Title: “Chronic Alcohol Induces Neuroadaptations in the Cingulate Cortex and Facilitates Cortical and Facilitates Immobilization-Induced Hyperalgesia in Female Rats”

Faculty Research Mentor/Department: Dr. Scott Edwards, Physiology



Allison Norman, BS

Undergraduate University: Alcorn State University

Major: Biochemistry

Title: “Reduced Osteoblast Function is a Feature of Both Chronic and Binge Ethanol Exposure in Mice”

Faculty Research Mentor/Department: Dr. Martin Ronis, Pharmacology



Diego Torres, BS

Undergraduate University: Texas State University

Major: Biology, Biochemistry & Spanish

Title: “Chronic Alcohol and Ovarian Hormone Loss – Mediated Mechanisms of Pancreatic Endocrine Dysfunction in Simian Immunodeficiency Virus Infected Macaques”

Faculty Research Mentor/Department: Dr. Liz Simon, Physiology



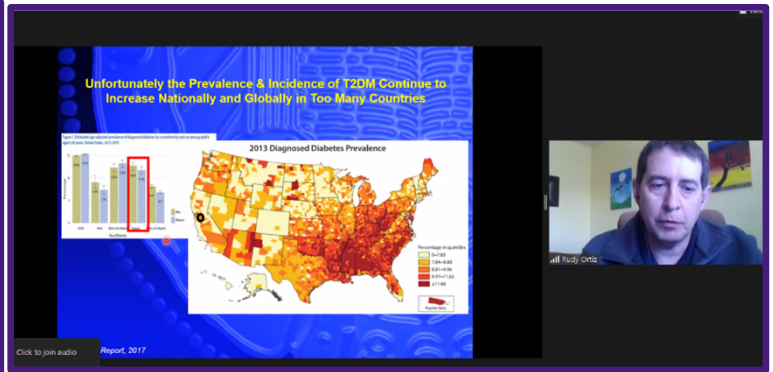
PREP Attends Virtual ABRCMS

PREP Scholars attended the Annual Biomedical Research Conference for Minority Students virtually in November 2020. They networked, recruited, and presented posters on their research.



Zari McCullers and Diego Torres each won Best Presentation Award for their Poster Presentations.

PREP Symposium continued



2020/2021 Scholars Upcoming Plans

Accepted to Graduate Programs

Sheldon Davis, University of Miami, PhD program in Microbiology & Immunology

Zari McCullers, Penn State College of Medicine, PhD program in Biomedical Sciences

Roshaun Mitchell-Cleveland, Louisiana State University New Orleans, Master's program in Biomedical Sciences

Allison Norman, University of Tennessee Health Science Center, PhD program in Cancer Biology

Diego Torres, Vanderbilt University, PhD in Interdisciplinary Graduate Program

Past Scholars: What are they up to now?

2018/2019 Scholars

Paula Datri

Research Associate, LSUHSC-NO

Shekinah Hernandez

Applying to Master's Degree Programs

Joselyn Knowing

Master's Degree Awarded in Biology from University of New Orleans; Medical Student at LSUHSC-NO

Ashlee Williams

Master's Degree Candidate, LSUHSC-NO

2019/2020 Scholars

Chelsea Callicoate

PhD Candidate, University of California Irvine

Shana Littleton

PhD Candidate, University of Michigan

Diego Vargas

PhD Candidate, University of Colorado at Boulder

Anita Waye

PhD Candidate, University of Illinois at Chicago

PREP APPLICATION DATES

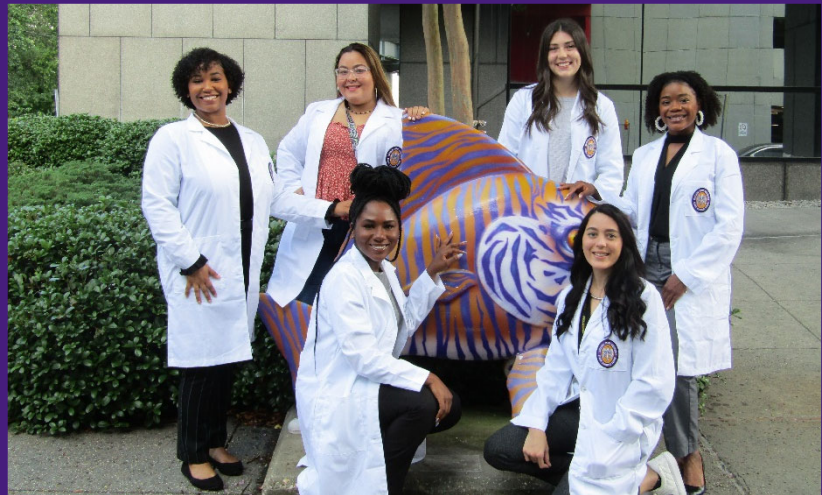
Open: December 1st

Deadline: March 1st

Notice: April 30th

Start Date: June 1st

Welcome 2021-2022 PREP Scholars!



Cheyleann Del Valle Ponce de Leon, BSN

Inter American University of Puerto Rico
Nursing & Natural Sciences

Tiara Hamilton, BS

Dillard University
Chemistry & Mathematics

Kelly Lozano Ortiz, BS

Universidad Ana G. Mendez
Biology & Microbiology

Samira Mohammed, BS

Xavier University of Louisiana
Psychology of Science & Sociology

Heather Soileau, BS

Xavier University of Louisiana
Biochemistry & Biology

Olivia Warren, BS

Northwestern State University
Biology & Physical Science

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NIH Funding Grant Number: R25GM121189

<http://PREP.lsuhs.edu>